

Dry Creek
Well No. 3-5

Well Name Ohio Oil Company, Twp. 7 South

Chapman #5 Rge. 21 East,

Structure

Dry Creek Sec. 2

County Location

Carbon C SW SW 13

State 660 N/S

Montana 660 E/W

Surface Elevation and Formation

4267 Lance,

Landowner

Chapman, L.P.

Lessee

Ohio Oil Company.

Drilling Company

Ohio Oil Company,

Representative in Charge

Contractor or Driller S: Ford, Gareipy,
Hibson, King, Drum.

Date Location Date Spudded
5-7-31

U.S.G.S. shows I.P. Oil as 800
bbls, Gas 1 1/2 Million CF.

Sands:

1st. Frontier 4375-4424, Not tes
ted.

LOG IN FILE

2nd Frontier 4690-4794 Dry

Dakota 5570-5585 Oil & Gas

Lakota 5788-5830 Water,

Sundance 5841-6185, Dry,

Rotary tools used from 839 to
6219, put to producing,

2-5-32, I.P. from log, 886

Completed	Total Depth	Formation
2-20-31	6219-5616 PB	Sundance

Oil 886-FCP	Gas	at Water
800 bbls.	1 1/2 MCF	at 5812'

Final Result

barrels oil, gas pressure 400#,
T.D. 6219, P.B. to 5616',

Casing Record:

438'9" of 15 1/2", 70#

832'1" of 13-3/8", 61#

4697' of 8-5/8", 36#,

996' of 6-5/8", 26#.

FROM SUNDRY NOTICES dated 3-4-48,
NOT OF INT. TO SHOOT,
APP: 3-5-48 FCP:

After pulling rods and working with
well for better than a month was
unable to make well pump, so we
pulled tubing and had Lane Wells
make a log of well. We now would
like permission to reperformate the
liner in this well, it is all ready
perforated from 5537 to 5615.
The following will be the perforat-
ions:

5467 to 5473 - 18 shots
5480 to 5485 15 shots
5490 to 5497 21 shots
5535 to 5560 75 shots.

/s/ I.J. Hares, Supt,
Ohio Oil Company

PLAINTIFFS'
EXHIBIT

P265

FROM SUNDRY NOTICES. dated 6-24-48 App. 6-26-48 FCP:

March 4th: Ran radio activity survey by Lane Wells to 5609'

March 5th - Shot well by Land Wells 5467 to 5473, 18 shots,

5480 to 5485, 15 shots,

5490 to 5497, 21 shots,

5535 to 5560, 75 shots.

Produced March 9th,	115 bbls	Mar. 20	89 bbls
10	16 "	21	42 "
11	26 "	22	42 "
12	68 "	23	31 "
13	42 "	24	31 "
14	52 "	25	53 "
15	42 "	26	21 "
16	21 "	27	21 "
17	down	28	31 "
18		29	31 "
19	42 bbls	30	21 "

The shooting of well did not increase the production, it was the intention it would be shooting, figuring we might have some production shut off back of casing.

/s/ I. J. Hares.

Dry Creek
File No 3-5

OIL OR GAS WELL LOG AND WELL HISTORY
COMPILED FROM RECORDS OF THE
OIL CONSERVATION BOARD OF THE STATE OF MONTANA

Field or Structure: **API #25-009 = 60035**

Dry Creek Carbon County: Montana

Township 7 South Range 21 East M.M. C SW SW Sec. 2

Landowner: Chapman, L.P. 660 N/S
660 E/W

Lessee or Operator: Ohio Oil Company. Drillers: Ford, Gareipy, Gibson, Drum, King.

Drilling Contractor: Ohio Oil Company.

Tract Well Number: #5 Name: Ohio Oil Co - Chapman #5 Elevation: 4267

Surface Formation: Lance Well Bottom Formation Sundance

5-7-31 12-20-31 6219 - 5616 PB
(Date Commenced) (Date Drilling Ceased) Total Depth)

Result: Oil, 800 bbls Status: 12-1-44 Producing.
1½ MCF Gas.

Log of Well Furnished by Fred C. Platt, Oil & Gas Supervisor,
Shelby, Montana.

From	To	Total Feet	Formation and Notes

CHANGE OF OPERATOR RECORD

Chapman (1-0332-1) 5
7S, 21E, Sec. 2: SW SW
API # 009-60035

TO: North American Resources
FROM: Montana Power Company
EFFECTIVE DATE: November 3, 1982

TO: Luff Exploration Company
FROM: North American Resources
EFFECTIVE DATE: June 14, 1985

TO: Montana Power Company
FROM: Luff Exploration Company
EFFECTIVE DATE: October 20, 1986

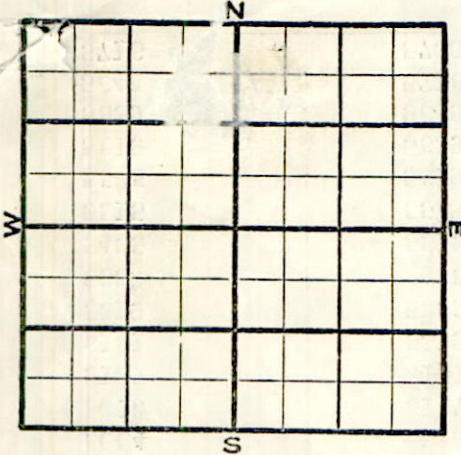
TO: Montana Power Gas Company
(Opr. #211, Bond #M1)
FROM: Montana Power Company
(Opr. #5160, Bond #M1)
EFFECTIVE DATE: March 26, 1999

TO: PanCanadian Energy Resources, Inc.
(Name Change Rider 1-25-02)

TO: Saga Petroleum LLC
(Opr. #466, Opr. M1)
FROM: EnCana Oil & Gas (USA) Inc.
(Opr. #5385, Bond M2)
EFFECTIVE DATE: October 12, 2005

Copy to Platt

Lease.....



BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA
Lee Dennis, Chairman Dan Boyle, Commissioner L. C. Young, Commissioner

OIL AND GAS WELL DIVISION

13

009-60035

LOG OF OIL OR GAS WELL

Company THE OHIO OIL COMPANY Address BRIDGER, MONTANA
Lessor or Tract L.P. CHAPMAN Field DRY CREEK State MONTANA
Well No. 15 Sec. SW SW SEC 2 T. 7 R. 21 Meridian W County CARBON
Location 660 ft. { N. } of S Line and 660 ft. { E. } of W Line of Elevation 4267
{ S. } { W. } (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. F. McMurray
Title SUPERINTENDENT
Address BRIDGER, MONTANA
Date JANUARY 17 th 1931

The summary on this page is for the condition of the well at above date.
Commenced drilling MAY 27 1931, 19..... Finished drilling DECEMBER 20th 1931, 19.....

Let frontier
No. 1, from
2d No. 2, from
Dakota
No. 3, from
Lakota
No. 4, from
Sundance
No. 5, from

Oil or Gas Sands or Zones (Denote Gas by G) Important Water Sands

No. 1, from 4375 to 4424 not tested	No. 1, from 520 to 545
No. 2, from 4690 to 4794 dry	No. 2, from 5812 to 5829
No. 3, from 5570 to 5585 O & G	No. 3, from
No. 4, from 5788 to 5830 water	No. 4, from
No. 5, from 5841 to 6185 dry	No. 5, from

CASING RECORD

Size Casing	Weight Per Foot	Threads Per Inch	Make	Amount	Kind of Shoe	Cut & Pulled From	Perforated		Purpose
							From	To	
15 1/2	70	10	NATIONAL	438' 9"	REG				
13 3/8"	61	10	NATIONAL	832' 1"	REG				
8 5/8	36	8	API SPANG	4697'	REG				
6/8	26	10	API SPANG	995'	NONE		5537	5615	LET OIL IN LINER

CASING OR TOOLS LOST OR SIDETRACKED

From NONE to From to
Description NONE
Description

MUDDING AND CEMENTING RECORD

Size Casing	Where Set	Number Sacks of Cement	Methods Used	Mud Gravity	Amount of Mud Used
15 1/2	450' 9"	146	PERKINS		
13 3/8	842' 9"	175	PERKINS		
8 5/8"	4697'	450	PERKINS		

PLUGS AND ADAPTERS

Heaving plug—Material NONE Length..... Depth set

SHOOTING RECORD

Size	Shell Used	Explosives Used	Quantity	Date	Depth Shot	Depth Cleaned Out
			NOT SHOT			

TOOLS USED

Rotary tools were used from 839 feet to 6219 feet, and from feet to feet
Cable tools were used from 0 feet to 839 feet, and from feet to feet

DATES

Put to producing FEBRUARY 5th, 19 32
The production for the first 24 hours was 886 barrels of fluid of which 100% was oil;% emulsion;% water; and% sediment.
If gas well, cu. ft. per 24 hours..... Rock pressure, lbs. per sq. in.....

Gallons gasoline per 1,000 cu. ft. of gas.....
CABLE TOOL DRILLERS EMERY GARIEPY A. H. DRUM TOOL DRESSER JOHN FORD GERALD MERRILL EMPLOYEES
ROTARY DRILLERS CLARENCE J. GIBSON JESSIE S KING Driller

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "side-tracked" or left in the well, give size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

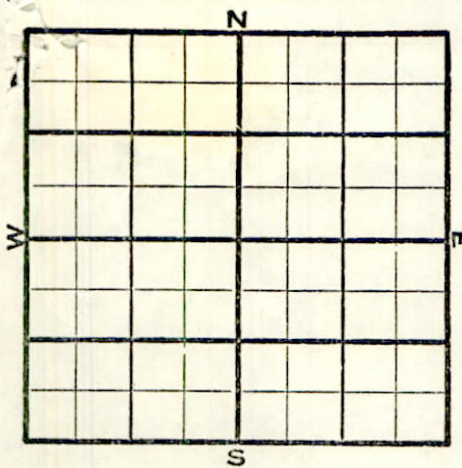
FORMATION RECORD

From	To	Total Feet	Formation
0	25	25	YELLOW CLAY
25	40	15	SANDY SHALE
40	90	50	GRAY SANDY SHALE
90	95	5	HARD SANDY SHALE
95	135	40	GRAY SANDY SHALE
135	140	5	SAND
140	150	10	GRAY SANDY SHALE
150	170	20	HARD SAND (DRY)
170	175	5	BROWN SAHLE

(OVER)

FORMATION RECORD

From	To	Total Feet	Formation
175	228	53	GRAY SANDY SHALE
228	230	2	HARD SHELL
230	261	31	GRAY SANDY SHALE
261	290	29	SAND
290	295	5	GRAY SANDY SHALE
295	320	25	GRAY SANDY SHALE
320	330	10	SAND
330	427	97	GRAY SANDY SHALE
427	448	21	HARD BROWN SANDY SHALE
448	453	5	HARD GARY SAND
		438' 9"	15 1/2" - 70# CASING CEMENTED WITH 146 SACKS
453	467	15	GRAY SAND
467	473	6	GRAY SAND
473	517	45	GRAY SAND VERY HARD
517	520	3	GRAY SAND (SOME WATER)
520	545	25	GRAY SANDY SHALE
545	550	5	BROWN SHALE
550	612	62	GRAY SANDY SHALE
612	761	149	BROWN SHALE
761	810	49	GRAY SANDY SHALE
810	820	10	BROWN SHALE
820	835	15	GRAY SHALE
835	839	4	BROWN SHALE
		832' 1"	13 3/8" 61# CASING 10'-8" BELOW FLOOR
CABLE TOOLS SHUT DOWN JUNE 28, 1931			
ROTARY TOOLS STARTED TO DRILL AUGUST 8th 1931			
830	960	130	GRAY SANDY SHALE & SAND
960	1099	139	GRAY SANDY SHALE & SAND
1099	1105	6	HARD SHELL
1105	1456	351	GRAY SANDY SHALE
1456	1498	42	BROWN SANDY SHALE
1498	1645	147	GRAY SANDY SHALE
1645	1662	17	HARD GREY SAND
1662	1780	118	GRAY SANDY SHALE & SHELLS
1780	1785	5	HARD GRAY SAND
1785	1911	126	GREY SHALE & SHELLS
1911	2050	139	BROWN SANDY SHALE
2050	2175	125	HARD SAND & SHELLS
2175	2222	47	STREAKS OF COAL & GREY SAND
2222	2242	20	SANDY GREY SHALE
2242	2260	18	SANDY GREY SHALE
2260	2353	93	BROWN SHALE
2353	2398	45	HARD GREY SAND & SHELLS
2398	2544	146	SANDY BROWN SHALE
2544	2552	8	COAL SOFT
2552	2573	21	SANDY GREY SHALE
2573	2576	3	STICKY SHALE
2576	2582	6	SANDY SHALE & SHELLS
2582	2600	18	BROWN SHALE
2600	2786	186	GRAY SANDY SHALE
2786	2930	144	HARD GREY SAND
2930	2983	53	HARD GREY SAND STREAKS OF BLACK SHALE
2983	3010	27	GRAY SANDY SHALE
3010	4015	1005	BROWN SANDY SHALE
4015	4023	8	GREY SHALE & SHELLS
4023	4029	6	HARD BROWN SHALE
4029	4155	81	BROWN SHALE & SHELLS
4155	4410	255	HARD BLACK SHALE & SHELLS
4410	4414	4	HARD GREY SAND
4414	4423	9	HARD GREY LIGHT SAND
4423	4437	14	BLACK SHALE W/STREAKS OF SAND
4437	4599	162	HARD BLACK SANDY SHALE
4599	4610	11	HARD BLACK SHALE
4610	4613	3	HARD GREY SAND
4613	4623	10	SANDY BLACK SHALE
4623	4692	69	HARD BLACK SANDY SHALE
4692	4695	3	HARD GREY SAND
4695	4702	7	HARD GREY SAND
4702	4715	13	HARD GREY SAND
4715	4722	7	HARD GREY SAND
4722	4735		HARD GREY SAND
4735	4771	36	HARD GREY SAND (SHOWING GAS)
4771	4780	9	HARD GREY SAND
		4697'	8' 5/8" - 36# CASING CEMENTED W/ 450 SACKS CEMENT
4780	4794	14	HARD GREY SANDY SHALE
4794	4820	16	HARD BLACK SHALE
4820	4822	2	HARD SHARP SAND
4822	4826	4	HARD BLACK SHALE
4826	4830	4	HARD BLACK SHALE W/STREAKS SAND
4830	4832	2	SANDY SHALE
4832	4835	3	HARD GREY SAND (SHOWING GAS)
4835	4843	8	HARD GREY SAND
4843	4852	9	BLACK SHALE STREAKS SAND
4852	4888	36	HARD BLACK SHALE
4888	4906	18	HARD SHELL
4906	4944	38	GREY SAND (SHOWING OF GAS)
4944	4959	15	HARD SANDY BLACK SHALE
4959	4979	20	HARD GREY SAND & LIME SHELLS
4979	4987	8	BLACK SANDY SHALE
4987	4995	8	HARD GREY SANDY SHALE
4995	5004	9	HARD GREY SANDY SHALE
5004	5012	8	HARD BLACK SANDY SHALE
5012	5137	125	BLACK SANDY SHALE
5137	5151	14	BLACK SANDY SHALE
5151	5319	168	BLACK SANDY SHALE
5319	5352	33	STICKY BLUE SHALE
5352	5435	83	BLACK SANDY SHALE
5435	5515	80	HARD BLACK SHALE
5515	5525	10	HARD BLACK SHALE STREAKS OF SAND
5525	5619	94	HARD BLACK SHALE
5619	5639	20	RED SHALE
5639	5648	9	BLACK & RED SHALE
5648	5716	68	HARD GREY SHALE
5716	5738	22	HARD BLACK SANDY SHALE



Lease.....

BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA
 Lee Dennis, Chairman Dan Boyle, Commissioner L. C. Young, Commissioner

OIL AND GAS WELL DIVISION

LOG OF OIL OR GAS WELL

Company Address

Lessor or Tract..... Field..... State..... MONTANA.....

Well No. Sec. T. R. Meridian..... County.....

Locationft. { N. } of..... Line and.....ft. { E. } of..... Line of..... Elevation.....
 { S. } { W. } (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed
 Title

Date..... Address

The summary on this page is for the condition of the well at above date.

Commenced drilling....., 19..... Finished drilling....., 19.....

Oil or Gas Sands or Zones (Denote Gas by G)	Important Water Sands
No. 1, from.....to.....	No. 1, from.....to.....
No. 2, from.....to.....	No. 2, from.....to.....
No. 3, from.....to.....	No. 3, from.....to.....
No. 4, from.....to.....	No. 4, from.....to.....
No. 5, from.....to.....	No. 5, from.....to.....

CASING RECORD

Size Casing	Weight Per Foot	Threads Per Inch	Make	Amount	Kind of Shoe	Cut & Pulled From	Perforated		Purpose
							From	To	

CASING OR TOOLS LOST OR SIDETRACKED

From.....to..... From.....to.....

From.....to..... Description.....

Description..... Description.....

MUDDING AND CEMENTING RECORD

Size Casing	Where Set	Number Sacks of Cement	Methods Used	Mud Gravity	Amount of Mud Used

PLUGS AND ADAPTERS

Heaving plug—Material..... Length..... Depth set

Adapters—Material..... Size

SHOOTING RECORD

Size	Shell Used	Explosives Used	Quantity	Date	Depth Shot	Depth Cleaned Out

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet

DATES

....., 19..... Put to producing....., 19.....

The production for the first 24 hours was.....barrels of fluid of which.....% was oil;.....% emulsion;.....% water;
 and.....% sediment. Gravity, °Be.....

If gas well, cu. ft. per 24 hours..... Rock pressure, lbs. per sq. in.....

Gallons gasoline per 1,000 cu. ft. of gas.....

EMPLOYEES

....., Driller Driller

....., Driller Driller

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was 'side-tracked' or left in the well, give size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

FORMATION RECORD

From	To	Total Feet	Formation

(OVER)

FORMATION RECORD

From	To	Total Feet	Formation
SHEET NO. 2			
L. P. CHAPMAN WELL NO. 1			

5738	5745	CORED 7	HARD GREY SANDY SHALE
5745	5752	CORED 7	VERIGATED SHALE
5752	5759	CORED 7	RED & GREY SANDY SHALE
5759	5769	CORED 10	RED & GREY SANDY SHALE
5769	5778	CORED 9	GREY & BLACK SANDY SHALE HARD
5778	5789	CORED 11	RED & BLACK SANDY SHALE (SOME SAND)
5789	5799	CORED 10	HARD GREY SAND
5799	5806	CORED 7	HARD GREY SAND & BLACK SHALE
5806	5812	CORED 6	HARD GREY SAND & BLACK SHALE
5812	5824	CORED 12	SAND (WATER)
5824	5829	CORED 5	SAND (WATER)
5829	5832		HARD GREY SAND
5832	5837		HARD GREY SHALE
5837	5841	CORED 4	HARD GREY SANDY SHALE
5841	5851	CORED 10	HARD GREY SANDY SHALE (DRY)
5851	5860	CORED 9	HARD GREY SAND
5860	5887	CORED 27	BLACK SANDY SHALE W/BRECKLIME
5887	5902	CORED 15	BLACK SANDY SHALE W/ SAND
5902	5913	CORED 11	SANDY BLUE SHALE
5913	5921	CORED 8	BLACK SANDY SHALE
5921	5929	CORED 8	BLACK SANDY SHALE
5929	5938	CORED 9	BLACK SANDY SHALE
5938	5952	CORED 14	BLACK SANDY SHALE
5952	5965	CORED 13	HARD BLACK SHALE
5965	5982	CORED 17	BROWN SHALE (SOFT)
5982	5988	CORED 6	BLACK SHALE
5988	5999	CORED 10	HARD BROWN SHALE
5999	6015	CORED 16	HARD BROWN SHALE
6015	6022	CORED 7	HARD BROWN SHALE
6022	6035	CORED 12	HARD BROWN SHALE
6035	6044	CORED 9	RED SHALE
6044	6055	CORED 10	RED SHALE
6055	6070	CORED 15	RED SHALE
6070	6092		RED SHALE
6092	6105		RED SHALE
6105	6128		RED SHALE
6128	6141	CORED 13	RED SHALE
6141	6148	CORED 7	BLACK SHALE
6148	6154	CORED 6	BLACK SHALE
6154	6168		BLUE SHALE
6168	6185		GREY SHALE
6185	6199	CORED 14	RED SHALE
6199	6204	CORED 5	RED SHALE
6204	6207	CORED 3	RED SHALE
6207	6219	CORED 12	RED SHALE
6219			TOTAL DEPTH OF HOLE

HOLE PLUGGED BACK UP TO 5800' WITH HEAVY ROTARY MUD, CEMENTED THEN WITH 40 SACKS CEMENT TO ABOUT 5600' UPON GOING BACK IN HOLE, THE TOP WAS FOUND AT 5615' or the BOTTOM OF HOLE.

995 6 5/8" INSERTED WAS RUN, THE BOTTOM 78' BEING PERFORATED.

5 6 1 5' (TOTAL DEPTH OF HOLE AFTER PLUGGING)

INSERTED LINER NOT CEMENTED UP IN 8 5/8" CASING AROUND 75'

THE LAST ACID TEST RUN BY PERKINS OILWELL CEMENTING COMPANY AT 6219' SHOWED THE WELL OFF 1- DEGREE

WELL IS IN GOOD CONDITION

009-60035
SW SW

Form No. 4
(Gen. Rule 206.3 and 230)

LOCATE WELL CORRECTLY

(SUBMIT IN TRIPLICATE)
TO
BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA
BILLINGS OR SHELBY



[REDACTED]

RECOMPLETION REPORT

Company THE MONTANA POWER COMPANY Lease Chapman Well No. 5
230 Electric Bldg.

Address Billings, Montana 59101 Field (or Area) Dry Creek

The well is located 660 ft. from (S) line and 660 ft. from (W) line of Sec. 2

Sec. 2; T. 7S; R. 21E; County Carbon; Elevation 4279' KB
(D.F., R.B. or G.L.)

Recompletion
Commenced ~~drilling~~ 8-6-75, 1975; Completed Recompletion 10-3-75, 1975

The information given herewith is a complete and correct record of the well. The summary on this page is for the condition of the well at the above date.

Completed as Oil Well
(oil well, gas well, dry hole)

Signed R. B. Rhodes
Title Chief Geologist

Date February 27, 1976

IMPORTANT ZONES OF POROSITY

(denote oil by O, gas by G, water by W; state formation if known)

From _____ to _____	From _____ to _____
From _____ to _____	From _____ to _____
From _____ to _____	From _____ to _____
From _____ to _____	From _____ to _____

CASING RECORD

Size Casing	Weight Per Ft.	Grade	Thread	Casing Set	From	To	Sacks of Cement	Cut and Pulled from
8-5/8"	36#		8RT	4697			450	

TUBING RECORD

Size Tubing	Weight Per Ft.	Grade	Thread	Amount	Perforations
2-3/8"	4.6	J	8 R	2631 KB	None

COMPLETION RECORD

Rotary tools were used from Surface to T.D.
Cable tools were used from _____ to _____
Total depth _____ ft.; Plugged back to 2945' T.D.; Open hole from _____ to _____

PERFORATIONS			ACIDIZED, SHOT, SAND FRACED, CEMENTED			
Interval		Number and Size and Type	Interval		Amount of Material Used	Pressure
From	To		From	To		
2612	2617	5 jet shots	2612	2617	20,000# sand	3400 psi
2621	2631	10 jet shots	2621	2631	108 bbls. frac fluid	

(If P&A show plugs above)

INITIAL PRODUCTION

Well is producing from Virgelle (pool) formation.
I. P. 130 barrels of oil per 24 hours flowing
(pumping or flowing)
600 Mcf of gas per 24 hours.
0 barrels of water per 0 hours, or 0 % W.C.
(OVER)

INITIAL PRODUCTION—(Continued)

Initial 10-day average production _____ (bbl./day) (if taken)
 Pressures (if measured): Tubing _____ psi flowing; _____ psi shut-in
 Casing _____ psi flowing; _____ psi shut-in
 Gravity _____ ° API (corrected to 60° F.)

DRILL STEM TESTS

D.S.T. No.	From	To	Tool Open (Min.)	Shut-In	F.P.	S.I.P.	Recovery	Cushion

CORES

No.	Interval	Recovered

LOG RUNS

Type	From	To
GR/N	107	2920
TDT	200	2938

FORMATION RECORD

(Need not be filled out if Geologist sample description filed with Commission)

From	To	SAMPLE AND CORE NO. AND DESCRIPTION	Top of Formation
		<p>This well was suspended as a Greybull oil well by Ohio Oil Co. prior to 1966.</p> <p>Ran GR/N from 2920 to surface. Ran CBL from 2942 to surface. Ran TDT from 2938 to 200'. Set Baker Cast Iron Bridge Plug @ 2928'.</p> <p>Perforated 2922-23 with 4 jet shots. Set Model C packer on 2-3/8" @ 2894'. Squeeze perforations with 100 sx regular cement. Ran CBL from 2894-1350'. Top of cement @ 2770'.</p> <p>Perforated 2720-2771'. Ran Model C Packer on 2-3/8" @ 2642'. Squeezed perforations with 200 sx cement. Pull packer and run in and drill out cement to 2915'. Ran CBL from 2897-2200'.</p> <p>Perforate 2580-81. Set packer @ 2488'. Squeezed perforations with 50 sx regular cement. Drilled out cement and cleaned out hole to 2915'.</p> <p>Perforate 2612-1700' with 5 shots and 2621-31' with 10 shots.</p> <p>Ran tubing. Swabbed well in, making 132 Mcf. Set cast iron Bridge Plug @ 2665'. Set Model C Packer @ 2591'.</p> <p>Frac perforations (2612-17 & 2621-31) down 2" tubing with 20,000# of sand and 108 bbls. frac fluid.</p> <p>Killed well. Pulled Model C Packer. Reran 2-3/8" tubing and set at 2631'. Swabbed well in.</p> <p>The well tested approximately 6 million with spray of oil.</p> <p>Production test 600 Mcfpd and 130 BOPD.</p>	

(Use additional sheets when needed to complete description)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

Section 2
T. 7 S.
R. 21 E.
Mont. Prin. Mer.
Reference No. 9

PATENTED LAND
~~STATE~~

2

INDIVIDUAL WELL RECORD

State Montana
Lessee or owner Chapman County Carbon
Field Dry Creek
Operator THE MONTANA POWER CO. X District Billings
~~Chis Oil Company~~
Well No. 5 Subdivision C. Cor. SW 1/4 NW 1/4 Sec. 2
Location 660 feet from N-S. line and 660 feet from E-W. line of 1/4 1/4 Sec.
Drilling approved _____, 19____ Well elevation 4267 feet
Drilling commenced May 27, 1931 Total depth 6219 feet
Drilling ceased December 20, 1931 Initial production 800 bbls.
1500 gal.
Completed for production Febr. 10, 1932 Gravity A. P. I. _____
Abandonment approved _____, 19____ Initial R. P. 400

Geologic formations

Production horizons

Surface	Lowest tested	Name	Depth	Contents
<u>Lance</u>	<u>Sundance</u>	<u>Graybull</u>	<u>5570-5535</u>	<u>Oil & Gas</u>

* D. E. T. 1-6-65 WELL STATUS

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1938		<u>POW</u>										

REMARKS: •P.B. 5615

Casing Record

15 1/2"	451'	146 sacks
13-3/8"	813'	175 sacks
8-5/8"	1097'	450 sacks
6-5/8"	995'	Liner

LOG

<u>From</u>	<u>To</u>	<u>Total Feet</u>	<u>Formation</u>
0	25	25	Yellow clay
25	135	110	Sandy shale
135	140	5	Sand
140	150	10	Gray sandy shale
150	170	20	Hard sand (dry)
170	175	5	Brown shale
175	228	53	Gray sandy shale
228	230	2	Hard shell
230	261	31	Gray sandy shale
261	290	29	Sand
290	295	5	Gray sandy shale
295	320	25	Gray sandy shale
320	330	10	Sand
330	448	118	Sandy shale, gray and brown
448	545	107	Gray sand
545	550	5	Gray sandy shale
550	612	62	Brown shale
612	761	149	Gray sandy shale
761	839	78	Shale, brown and gray
839	1099	260	Gray sandy shale and sand
1099	1105	6	Hard shell
1105	1498	393	Brown and gray sandy shale
1498	1615	117	Gray sandy shale
1615	1662	17	Hard gray sand
1662	1780	118	Gray sandy shale & shells
1780	1785	5	Hard gray sand
1785	1911	126	Gray shale & shells
1911	2050	139	Brown sandy shale
2050	2175	125	Hard sand & shells
2175	2222	47	Streaks of coal & gray sand
2222	2242	20	Sandy gray shale
2242	2260	18	Sandy gray shale
2260	2353	93	Brown shale
2353	2398	45	Sandy brown shale
2398	2544	146	Brown shale
2544	2552	8	Soft coal
2552	2583	31	Sandy shale
2583	2600	17	Brown shale
2600	2786	186	Gray sandy shale
2786	2983	197	Hard gray sand
2983	4015	1032	Brown and gray sandy shale
4015	4410	395	Black and brown shale and shells

<u>From</u>	<u>To</u>	<u>Total Feet</u>	<u>Formation</u>
4410	4423	13	Hard gray sand
4423	4437	14	Black shale with streaks of sand
4437	4610	173	Hard black shale
4610	4613	3	Hard gray sand
4613	4692	79	Black sandy shale
4692	4780	88	Hard gray sand
4780	4794	14	Hard gray sandy shale
4794	4820	26	Hard black shale
4820	4822	2	Hard sharp sand
4822	4830	8	Hard black shale
4830	4832	2	Sandy shale
4832	4843	11	Hard gray sand, show gas 4832-35
4843	4888	45	Hard black shale
4888	4906	18	Hard shell
4906	4944	38	Grey sand (show gas)
4944			
4944	4959	15	Hard sandy black shale
4959	4979	20	Hard gray sand & limshells
4979	5012	33	Sandy shale
5012	5319	307	Black sandy shale
5319	5352	33	Sticky blue shale
5352	5435	83	Black sandy shale
5435	5716	281	Shale, black and grey. Greybull 5570-85-Gas
5716	5745	29	Sandy shale, gray and black
5745	5752	7	Variegated shale
5752	5789	37	Sandy shale, red & black
5789	5799	10	Hard gray sand
5799	5812	13	Hard gray sand & black shale
5812	5829	17	Sand (water)
5829	5832	3	Hard gray sand
5832	5837	5	Hard gray shale
5837	5851	14	Hard gray sandy shale
5851	5860	9	Hard gray sand
5860	5952	92	Black sandy shale
5952	6035	83	Brown and black shale
6035	6141	106	Red shale
6141	6148	7	Black shale
6148	6185	17	Gray shale
6185	6219	34	Red shale

Show of gas in Frontier. Small amount of water in Lakota.
Sundance sand 5841-6185, dry. Top of Chugwater 6219'.

GENERAL RULES
201, 202, 213,
216, 219, 230,
231, 232

(SUBMIT IN QUADRUPPLICATE)

TO

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA

BILLINGS OR SHELBY



NOTICE
THIS FORM BECOMES A
PERMIT WHEN STAMPED
APPROVED BY AN AGENT
OF THE BOARD.

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	
		Report of Recompletion	X

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

February 23, 1976

Following is a ~~report of work done~~ on land ~~leased~~ described as follows:

LEASE Chapman

MONTANA
(State)

Carbon
(County)

Dry Creek
(Field)

Well No. 5 C.S.W. SW 2 (m. sec.) 7S (Township) 21E (Range) MPM (Meridian)

The well is located 660 ft. from S line and 660 ft. from W line of Sec. 2

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ~~ground~~ K.B. above the sea level is 4279' K.B.

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
RESULT

This well was suspended as a Greybull oil well by Ohio Oil Co. prior to 1966.

Ran Gamma Ray Neutron log from 2920 to surface.
Ran CBL from 2942 to surface.
Ran TDT log from 2938 to 200'. Set Baker Cast Iron Bridge Plug @ 2928'
Perforated 2922-23 with 4 jet shots. Set Model C packer on 2-3/8" @ 2894'.
Squeeze perforations with 100 sx regular cement. Ran CBL from 2894-1350'
Top of cement @ 2770'.

Perforated 2720-2771'. Ran Model C Packer 2-3/8" @ 2642'. Squeezed perforations with 200 sx cement. (see page 2)

Approved subject to conditions on reverse of form

Company THE MONTANA POWER COMPANY

Date 2-27-76
By [Signature] District Office Agent

By [Signature] R. B. Rhodes
Title Chief Geologist
230 Electric Bldg.
Address Billings, Montana 59101

BOARD USE ONLY
API WELL NUMBER

2	5	0109	690815
STATE	COUNTY	WELL	

NOTE:—Reports on this form to be submitted to the appropriate District for approval

WHEN USED AS PERMIT TO DRILL, PERMIT EXPIRES 90 DAYS FROM DATE OF APPROVAL IF WELL NOT SPUDDED OR EXTENSION REQUESTED.
OVER

**Locate well by footage measurement from legal subdivision (Section) line
and nearest drilling or producible well, if any.**

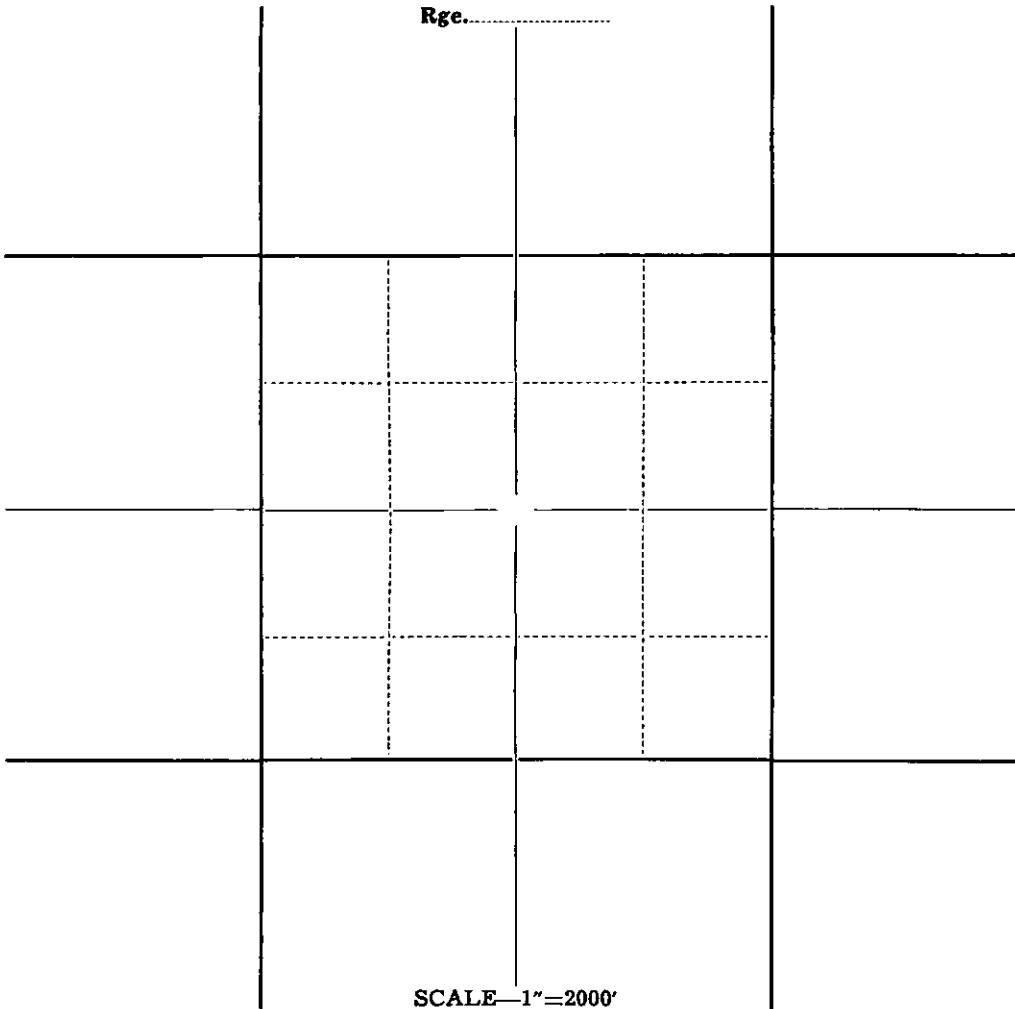
Form No. 2
File at
Billings
or Shelby

Form No. 2
File at
Billings
or Shelby

Rge.

Locate
Well
Correctly

Twp.



SCALE—1"=2000'

THE NOTICE OF INTENTION TO DRILL THIS WELL IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1. Any person, before commencing the drilling of any oil or gas well or water source or injection well shall secure from the Board a drilling permit and shall pay to the Board the following amounts: for each well whose estimated depth is thirty-five hundred (3,500) feet or less, twenty-five dollars (\$25.00); from thirty-five hundred and one (3,501) feet to seven thousand (7,000) feet, seventy-five dollars (\$75.00); seven thousand and one (7,001) feet and deeper, one hundred fifty dollars (\$150.00).
2. No well is to be spudded in unless the proper surety drilling bond has been posted and approved by the Board of Oil and Gas Conservation of the State of Montana.
3. Cable tool operators must construct an adequate sump to contain all mud and water bailed from the hole.
4. Surface or conductor casing must be properly cemented by an approved method and pressure tested to determine a tight bond with the surrounding formations in case an unexpected flow of oil, gas or water should be encountered, unless special permission has been granted for formation shut-off.
5. Any production casing must be cemented unless a formation shut-off or packer is approved by the Board. Sufficient cement must be used to protect the casing and all possible productive and fresh water bearing formations exposed in the process of drilling and not otherwise protected.
6. All production casing must be tested by bailing or pressure to determine if there is a tight bond with the surrounding formations or possible leaks in the casing. The results of the test must be reported on Form No. 2, said report to include the size, weight, thread and length of casing, amount of cement used, and date work is done. If test shows failure, the defect must be corrected before any drilling operations are resumed.
7. Any contemplated change in status of a well such as to plug and abandon, deepen, plug back, redrill, alter casing, etc. must be presented on Form No. 2 for approval by the Board prior to commencement of work.
8. A satisfactory drilling record must be kept for each tour, showing top and thickness of each and all formations drilled and all other information of value, one copy of which is to be kept at the rig while drilling is in progress for examination by any authorized agent of the Board.
9. All producing wells must be marked with name of the operator, number of the well and location, using reasonable precautions to preserve these markings at all times.
10. Delivery to the Board of two copies of all surveys, reports, analyses, logs, tests, samples and core descriptions, etc., as described in Rule 230 and one copy of all cementing records as furnished by the cementing company and described in Rule 234.
11. All work must be done in conformity with the regulations of the Board of Oil and Gas Conservation of the State of Montana, as contained in "General Rules and Regulations," and amendments thereto, as well as regulations prescribed in lieu thereof.

Pull packer and run in and drill out cement to 2915'. Ran CBL from 2897-2200'.

Perforate 2580-81. Set packer @ 2488'. Squeezed perforations with 50 sx regular cement.

Drilled out cement and cleaned out hole to 2915'.

Perforate 2612-~~2~~700' with 5 shots and 2621-31' with 10 shots.

Ran tubing. Swabbed well in, making 132 Mcf.

Set cast iron Bridge Plug @ 2665'.

Set Model C Packer @ 2591'.

Fraced perforations (2612-17 & 2621-31) down 2" tubing with 20,000# of sand and 108 bbls frac fluid.

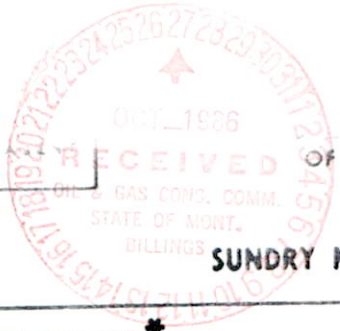
Killed well. Pulled Model C Packer. Reran 2-3/8" tubing and set at 2631'.

Swabbed well in.

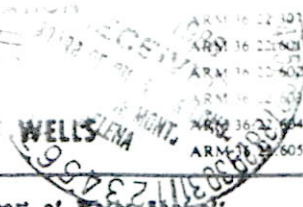
The well tested approximately 6 million with spray of oil.

Production test 600 Mcfpd and 130 BOPD.

APPROVED BY AN
OF THE BOARD.



RECEIVED OF THE STATE OF MONTANA
BILLINGS OR SHELBY



ARM 36.22.1001
ARM 36.22.1004
ARM 36.22.1005
ARM 36.22.1006
ARM 36.22.1306
ARM 36.22.1309

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill *		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	
Notice of Change of Operator	XX		

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

October 16, 1986

Following is a notice of intention to do work ~~report of work done~~ on land ~~owned~~ leased described as follows:
LEASE Chapman

MONTANA
(State)

Carbon
(County)

Dry Creek
(Field)

Well No. 5 SW $\frac{1}{2}$ SW $\frac{1}{4}$ 2 7S 21E M.P.M.
(m. sec.) (Township) (Range) (Meridian)

The well is located 660 ft. from N line and 660 ft. from W line of Sec. 2

* For notice of intention to drill, write the API* or the well name of another well on this lease if one exists.

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground or K.B. above the sea level is 4,267' G.L.

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing)

**DETAILS OF WORK
RESULT**

Change of Operator:

FROM: Luff Exploration Company
Suite 850
1580 Lincoln Street
Denver, CO 80203

TO: The Montana Power Company
40 East Broadway
Butte, MT 59701

Approved subject to conditions on reverse of form

Date OCT 20 1986
ORIGINAL SIGNED BY:

By Dee Rickman, Executive Secretary
District Office Agent Title

Company The Montana Power Company
By Terry Wisner
Title Director, Lease Administration
Address 40 E. Broadway, Butte, MT 59701

BOARD USE ONLY		
API WELL NUMBER		
STATE	COUNTY	WELL
21	019	610135

NOTE:—Reports on this form to be submitted to the appropriate District for approval.
DRILLING PERMIT EXPIRES SIX MONTHS FROM DATE OF APPROVAL.

RECEIVED

Bls.

Form No 2

JUN 14 1985

(SUBMIT IN QUADRUPPLICATE)

ARM 36.22.307	ARM 36.22.1003
ARM 36.22.601	ARM 36.22.1004
ARM 36.22.602	ARM 36.22.1013
ARM 36.22.603	ARM 36.22.1301
ARM 36.22.604	ARM 36.22.1306
ARM 36.22.605	ARM 36.22.1309

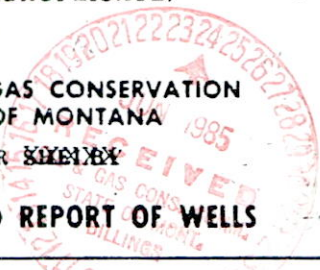
NOTICE
THIS FORM BECOMES A PERMIT WHEN STAMPED APPROVED BY AN AGENT OF THE BOARD.

BOARD OF OIL & GAS CONSERVATION
STATE OF MONTANA

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA

BILLINGS OR SUNDRY

SUNDRY NOTICES AND REPORT OF WELLS



Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	
Change of Operator	X		

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

May 10, 1985

Following is a notice of intention to do work on land owned described as follows:
report of work done leased

LEASE Chapman

MONTANA Carbon Dry Creek
(State) (County) (Field)

Well No. 5 SW SW Sec. 2 7S 21E M.P.M.
(m. sec.) (Township) (Range) (Meridian)

The well is located 660 ft. from N line and 660 ft. from W line of Sec. 2

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground or K.B. above the sea level is 4279' KB

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing.)

DETAILS OF WORK

RESULT

The operator of the Chapman #5 will be changed from North American Resources Company to Luff Exploration Company, Denver, Colorado.

Approved subject to conditions on reverse of form

Company North American Resources Co.

Date JUN 14 1985

By Jim Else James H. Else

By Dee Rickman, Executive Secretary
District Office Agent Title

Title Petroleum Engineer

Address 16 E. Granite, Butte, MT

BOARD USE ONLY
API WELL NUMBER

STATE	COUNTY	WELL
21	61019	61010315

NOTE:—Reports on this form to be submitted to the appropriate District for approval
DRILLING PERMIT EXPIRES 90 DAYS FROM DATE OF APPROVAL. UPON WRITTEN REQUEST PRIOR TO EXPIRATION DATE, ONE 90 DAY EXTENSION MAY BE GRANTED.

OVER

P-0014251

(SUBMIT IN QUADRUPPLICATE)

TO

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA

BILLINGS OR SHELBY

ARM 36.22.307 ARM 36.22.1003
ARM 36.22.601 ARM 36.22.1004
ARM 36.22.602 ARM 36.22.1013
ARM 36.22.603 ARM 36.22.1301
ARM 36.22.604 ARM 36.22.1306
ARM 36.22.605 ARM 36.22.1309

NOTICE
THIS FORM BECOMES A
PERMIT WHEN STAMPED
APPROVED BY AN AGENT
OF THE BOARD.

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	
Notice of Intention to Change Op.	X		

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

October 18, 1982

Following is a { notice of intention to do work } on land { owned } described as follows:
 { report of work done } { leased }

LEASE Chapman

MONTANA
(State)

Carbon
(County)

Dry Creek
(Field)

Well No. 5 SW SW 2 7S 21E MPM
(m. sec.) (Township) (Range) (Meridian)

The well is located 660 ft. from ^NS line and 660 ft. from ^EW line of Sec. 2

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground or K.B. above the sea level is 4279' KB

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing)

**DETAILS OF WORK
RESULT**

THE NOTICE OR INTENTION TO DRILL THIS WELL IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

NORTH AMERICAN RESOURCES COMPANY

Operator changed from MPC to NARCO.

Approved subject to conditions on reverse of form

Company NARCO

Date NOV 03 1982
ORIGINAL SIGNED BY:

By Kevin Brakovec *Kevin Brakovec*

By Dee Rickman, Executive Secretary
District Office Agent

Title Technician

Address 40 E. Broadway Butte, MT

BOARD USE ONLY
API WELL NUMBER

STATE COUNTY WELL
25 0109 60035

NOTE:—Reports on this form to be submitted to the appropriate District for approval
DRILLING PERMIT EXPIRES 90 DAYS FROM DATE OF APPROVAL. UPON WRITTEN
REQUEST PRIOR TO EXPIRATION DATE, ONE 90 DAY EXTENSION MAY BE GRANTED.

OVER

BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA
OIL AND GAS WELL DIVISION

Lease.....

SUNDRY NOTICES AND REPORT OF WELLS

(Indicate Nature of Data by Checking)

Notice of intention to drill.....		Subsequent record of shooting.....	
Notice of intention to change plans.....		Record of perforating casing.....	
Notice of date for test of water shut-off.....		Notice of intention to pull or otherwise alter casing.....	
Report on result of test of water shut-off.....		Notice of intention to abandon well.....	
Notice of intention of redrill or repair well.....		Subsequent report of abandonment.....	
Notice of intention to shoot.....	X	Supplementary well history.....	

RECEIVED
JUN 24 1948
OIL CONSERVATION BOARD AND BOARD OF RAILROAD COMMISSIONERS
BILLINGS

JUNE 24th 1948, 19.....

Following is a { notice of intention to do work } on land { owned } described as follows:
 { report of work done } { leased }

MONTANA (State) Carbon (County) Dry Creek (Field)

Well No. 5 (m. sec.) 2 (Township) 7 (Range) 21 (Meridian)

The well is located 660 ft. { S. } of South line and 660 ft. { E. } of W line of Sec. 2

The elevation of the derrick floor above the sea level is.....

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

L. P. CHAPMAN WELL NO. 5

March 4th- Run radio activity survey by Lane Wells to 5609'.

March 5th- Shot well by Lane wells.

5467 to 5473 18 shots 5490 to 5497 21 shots
5480 to 5485 15shots 5535 to 5560 75 shots

Produced March 9th- 115 Bbls.

March 20th- 89 Bbls.

" 10th-	16 "	" 21th-	42 "
" 11th-	26 "	" 22nd-	42 "
" 12th-	68 "	" 23rd-	31 "
" 13th-	42 "	" 24th-	31 "
" 14th-	52 "	" 25th-	53 "
" 15th-	42 "	" 26th-	21 "
" 16th-	21 "	" 27th-	21 "
" 17th-	down	" 28th-	31 "
" 18th-		" 29th-	31 "
" 19th-	42 "	" 30th-	21 "

The shooting of well did not increase the production, it was the intention it would by shooting, figuring we might have some production shut off back of casing.
June 26, 1948

Approved.....
 J. C. Platt
 Chief Oil & Gas Field Supervisor

Company... THE OHIO OIL COMPANY
By.....
Title... Supt. *[Signature]*
Address... Bridger, Montana

Oil and Gas Well Division

NOTE:—Reports on this Form to be submitted to the Supervisor for Approval.

BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA
OIL AND GAS WELL DIVISION

Lease.....

SUNDRY NOTICES AND REPORT OF WELLS

(Indicate Nature of Data by Checking)

Notice of intention to drill.....		Subsequent record of shooting.....	
Notice of intention to change plans.....		Record of perforating casing.....	
Notice of date for test of water shut-off.....		Notice of intention to pull or otherwise alter casing.....	
Report on result of test of water shut-off.....		Notice of intention to abandon well.....	
Notice of intention of redrill or repair well.....		Subsequent report of abandonment.....	
Notice of intention to shoot.....	<input checked="" type="checkbox"/>	Supplementary well history.....	

RECEIVED
MAR 8 1948
 MONTANA OIL AND GAS WELL DIVISION
 BOARD OF RAILROAD COMMISSIONERS
 BILLINGS

MARCH 4th 1948, 19.....

Following is a { notice of intention to do work } on land { owned } described as follows:
{ report of work done } { leased }
XXXXXXXXXXXXXXXXXXXX

MONTANA (State) CARBON (County) DRY CREEK (Field)

Well No. 5 (m. sec.) 2 (Township) 7 (Range) 21 (Meridian)

The well is located 660 ft. { S. } of South line and 660 ft. { E. } of W line of Sec. 2

The elevation of the derrick floor above the sea level is.....

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

L.P. CHAPMAN WELL NO 5

After pulling rods and working with well for better than a month was unable to make well pump, so we pulled tubing and had Lane Wells make a log of well.

We now would like permission to re-perforate the liner in this well, it is all ready perforated from 5537' to 5615'

The following will be the perforations.

- 5467 to 5473 18 Shots
- 5480 5485 15 "
- 5490 5497 21 "
- 5535 5560 75 "

Approved: *March 5 1948*
(Date)
J.C. Platt

Title: *Supervisor*
Oil and Gas Well Division

Company: THE CHICO OIL COMPANY
By: *J. J. Hayes*
Title: Supt.
Address: Bridger, Montana

NOTE:—Reports on this Form to be submitted to the Supervisor for Approval.

**Multipurpose Coiled Tubing
Service Report**



**SERVICE TICKET
#9103461**

Client Name PanCanadian Energy Resources Inc.	Client Representative Billy Froman	Job Date February 4, 2002
--	---------------------------------------	------------------------------

Well Data												
Name: Dry Creek <i>75.216-2</i>	Casing		Tubing		Fluid Pumped (bbl)	Fluid Returns (bbl)	Sand Returns (bbl)	Coil Cycled (ft)	Soap (gal)	Unit Travel Hours	Unit Location Hours	Crew Travel Hours
	Size (in)	Pressure (psi)	Size (in)	Pressure (psi)								
Location: Chapman 5	6.6		2.4			4.0				1.0	1.5	2.5
Tool and Treatment Summary: Pull Onto Location / Rig up CTU For Hose Job / Tubing Side Was Dead / Pressure up Down Annulus Side Until Tubing Had 40.0 psi / Rig up to Return Off Tubing / Opened it up / It Lifted 4.0 bbls of Fluid & Dried up Pretty Good / Rig CTU Down / Move it to Next Lease / Then Travelled to Red Lodge												
Arrival Time:						Departure Time:						

Units						
Unit No	Type	District	Arrival	Departure	Bin #	Material Transfer No
2251	Pickup	221	Feb 4, 02			
7710	Shallow Coil	221	Feb 4, 02			

Service Comments

Additional Information

**Multipurpose Coiled Tubing
Service Report**



SERVICE TICKET

#9103130

Client Name PanCanadian Energy Resources Inc.	Client Representative Billy Froman	Job Date February 8, 2002
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Well Data												
Name: Dry Creek	Casing		Tubing		Fluid Pumped (bbl)	Fluid Returns (bbl)	Sand Returns (bbl)	Coil Cycled (ft)	Soap (gal)	Unit Travel Hours	Unit Location Hours	Crew Travel Hours
	Size (in)	Pressure (psi)	Size (in)	Pressure (psi)								
Location: Chatman 5					0.0	1.0	0.0	0.0	0.00	1.0	1.0	2.0
Tool and Treatment Summary: Mobilize to Well / Rig up Hose Job Down Tubing / Pressure up / Run Hose Job Down Casing / Circulate up Tubing												
Arrival Time:						Departure Time:						

Units						
Unit No	Type	District	Arrival	Departure	Bin #	Material Transfer No
2251	Pickup	221	Feb 8, 02			
7710	Shallow Coil	221	Feb 8, 02			

Service Comments

Additional Information



Williston

Multipurpose Coiled Tubing Service Report



SERVICE TICKET

9103252

Client Name P.C.E.	Client Representative Paul Dekay	Job Date 4-16-02
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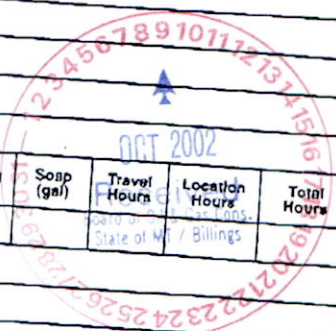
Well Data:		Name: CHADMAN #5		Casing Size (in)	Casing Pressure (psi)	Tubing Size (in)	Tubing Pressure (psi)	Fluid Pumped (bbf)	Fluid Returns (bbf)	Sand Returns (bbf)	Coil Cycled (ft)	Soap (gal)	Travel Hours	Location Hours	Total Hours
Locator: SWS-2715-R21E 3/8				1 3/4									4.5		4.5
Tool and Treatment Summary: Drive to location, chain-up unit, switch side spooler for poly trailer, load poly onto trailer, load onto MPCTU, spot unit, rig-up, run poly in hole & land @ 2570' k.B. included, rig down unit & hose try to blow plug, load poly /															

Name:	Casing Size (in)	Casing Pressure (psi)	Tubing Size (in)	Tubing Pressure (psi)	Fluid Pumped (bbf)	Fluid Returns (bbf)	Sand Returns (bbf)	Coil Cycled (ft)	Soap (gal)	Travel Hours	Location Hours	Total Hours
Location:												
Tool and Treatment Summary:												

Name:	Casing Size (in)	Casing Pressure (psi)	Tubing Size (in)	Tubing Pressure (psi)	Fluid Pumped (bbf)	Fluid Returns (bbf)	Sand Returns (bbf)	Coil Cycled (ft)	Soap (gal)	Travel Hours	Location Hours	Total Hours
Location:												
Tool and Treatment Summary:												

Name:	Casing Size (in)	Casing Pressure (psi)	Tubing Size (in)	Tubing Pressure (psi)	Fluid Pumped (bbf)	Fluid Returns (bbf)	Sand Returns (bbf)	Coil Cycled (ft)	Soap (gal)	Travel Hours	Location Hours	Total Hours
Location:												
Tool and Treatment Summary:												

Name:	Casing Size (in)	Casing Pressure (psi)	Tubing Size (in)	Tubing Pressure (psi)	Fluid Pumped (bbf)	Fluid Returns (bbf)	Sand Returns (bbf)	Coil Cycled (ft)	Soap (gal)	Travel Hours	Location Hours	Total Hours
Location:												
Tool and Treatment Summary:												



Personnel and Equipment:													
Employees	David Nickaloff				Rob Teeters				Units	2228			
	Rick Paulsen									7710			
Service Comments:													
										MATERIAL			
										TRANSFER			
										NUMBERS			

009-60035

Sanjel (USA) Inc.
 200, 505 - 2nd Street SW
 Calgary, Alberta, T2P 1N8
 Telephone: (403) 269-1420



SERVICE TICKET
9122056

This service ticket is not an invoice; pricing is subject to review and change without notice.

Client Name Saga Petroleum ✓			Well Name Chapman 5			Job Date 7-12-06		
Address 410 17th ST Suite 1520			Location Sec. 8 T7S, R21E			Service Point Chinook		
City Denver			Province/State CO			Postal/Zip Code 80202		
Client Representative Harry Capser			Job Type MPCT			State MT		
County Carbon			Pricing Area A1			State mt		
AFE/PO #								

District	Service, Equipment & Material Type	Code	Quantity	Unit Price	Amount	
42	MPCTH Per hr / Field	2000	1	435 ⁰⁰	435	00 ✓
42	MPCTH per hr / travel	2001	8	172 ⁰⁰	1376	00 ✓
42	3% Fuel surcharge	N/A	3%	54 ³³	54	33 ✓
					FIELD ESTIMATE 1865 33	

Well Data:

Multipurpose Coiled Tubing Service Report	Casing		Tubing		Fluid Pumped (bbl)	Fluid Returns (bbl)	Sand Returns (bbl)	Coil Cycled (ft)	Soap (gal)	Unit Travel Hours	Unit Location Hours	Crew Travel Hours
	Size (in)	Pressure (psi)	Size (in)	Pressure (psi)								
	4 1/2	-	1 3/4	-	0	-	-	-	-	8	1	0

Tool and Treatment Summary:

Rig to well try to pull tubing poly striped out @ surface Rig down travel home

Personnel and Equipment:

Employees Barry Boyce	Units 2545	MATERIAL TRANSFER NUMBERS
Barry Curtis Bilger	7710	
Service Comments:		
Arrival Time: 1000	Departure Time: 1100	

This space is reserved for the Client Coding Stamp. Comments: Code 500360	APB		FIELD ESTIMATE		RECEIVED AUG 1 2006 MONTANA BOARD OF OIL & GAS CONB. BILLINGS
	<input type="checkbox"/> Cementing - Prim.	<input type="checkbox"/> Cementing - Rem.			
	<input type="checkbox"/> Coiled Tubing	<input type="checkbox"/> Nitrogen			
	<input type="checkbox"/> Stimulation	<input type="checkbox"/> Fracturing			
	<input checked="" type="checkbox"/> MPCTU	<input type="checkbox"/> Other			
Sales 1 CB Sales 2 LT	This signature confirms that I have read and comply with the terms and conditions as noted on the reverse of this document.				
X					

1111 1 8 2006