CHECK SHEET

Date: May 20, 1992

Company: KeeSun Corp.

Well Name: Hochsprung 6-18

County: Toole Field: Old Shelby

Location: 1650 FNL/1338 FWL (NWSENW) Sec. 18 Twp. 33N Rge. 1W

Permit Number: N 12415

API Number: 101-23534

Drilling Fee: $25.00

Intention To Drill: 5-20-92

Permit Expiration Date: 11-21-92

Proposed Depth/Formation: 1,300' Swift DU: ____

$ 5,000 One Well Bond: ____ Completion Date: 5/29/92

$10,000 Blanket Bond: ____ TD: 1383' PBTD: —

$20,000 Blanket Bond: ____ IP / Formation: Gas Well

Well Type Federal: ____ State: ____ Fee: X

Samples: NONE Received: ____

Geological/Well Report: ____

Sundry Notices: ____

Sub. Report of Abandonment: ____

Electric Logs: LD-GR 8/24/92

Miscellaneous: Oper. Sum + Geo Well History 12/24/92

PLAINTIFFS' EXHIBIT P268

P-0015341

NW SE NW

LOCATE WELL CORRECTLY

Form No. 4 R 4-85

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

ARM 36.22.307
ARM 36.22.1011
ARM 36.22.1013

AUG 1992
RECEIVED
Board of Oil & Gas Cons.
State of Mont.
Shelby

COMPLETION REPORT

Company KeeSun Corp. Lease Hochsprung Well No. #6-18

Address P.O. Box 430 Cut Bank, MT. 59427 Field (or Area) Old Shelby

The well is located 1650 ft. from (N) (S) line and 1338 ft. from (E) (W) line of Sec. 18

Sec. 18 ; T. 33N ; R. 1W ; County Toole ; Elevation 3392' G.L.
(D.F., R.B. or G.L.)

Commenced drilling May 27, 19 92; Completed May 29, 19 92

Write the API# or the well name of another well on this lease if one exists _____.

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 gas well
(oil well, gas well, dry hole)

API# 25- 101 - 23534

Signed M. John Fursted

Title Petroleum Engineer

Date August 10, 1992

IMPORTANT ZONES OF POROSITY

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

From 794 to 810 G
From 1196 to 1202 G
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	Sack of Cement	Cut and Pulled from
7"	20#	J-55	8rnd	Surface	0	399'	70sx	
4½"	9.5#	J-55	8rnd	Production	0	1210'	E.C.P. +10 sx. G	

TUBING RECORD

Size Tubing	Weight Per Ft.	Grade	Thread	Amount	Perforations
2 3/8"	4.7#	used	8rnd	1333'	none

COMPLETION RECORD

Rotary tools were used from Surface to T.D.
Cable tools were used from _____ to _____
Total depth 1383 ft.; Plugged back to -- T.D.; Open hole from 1383 to 1210

PERFORATIONS			ACIDIZED, SHOT, SAND FRACED, CEMENTED			
Interval		Number and Size and Type	Interval		Amount of Material Used	Pressure
From	To		From	To		
None			None			

(If P&A show plugs above)

INITIAL PRODUCTION

Well is producing from Bow Island/Sunburst (pool) formation.

I.P. _____ barrels of oil per _____ hours _____
(pumping or flowing)

200 Mcf of gas per 24 hours.

_____ barrels of water per _____ hours, or _____ % W.C.

P-0015342

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.)

Formation Volume Factor _____ Porosity _____ % Average Connate water _____ %

Type of trap _____

Producing mechanism _____

DRILL STEM TESTS

D.S.T. No.	From	To	Tool Open (Min.)	Shut-in	F.P.	S.I.P.	Recovery	Cushion
	None							

CORES

No.	Interval	Recovered
	None	

LOG RUNS

Type	From	To
Litho-Density/G.R.	1383	0

FORMATION RECORD

(ELECTRIC LOG TOPS)

From	To	FORMATION	Top of Formation
		Blackleaf	--
		Base Fish Scales	198
		Bow Island	280
		Dakota	794
		Kootenai	816
		Sunburst Zone	1148
		Sunburst Sand	1196
		Morrison	1223
		Swift	1245
		Swift Shale	1334
		Rierdon	1383

(Use additional sheets where needed to complete description)

Form 22
New 1-90

Submit in quadruplicate to:

Montana Board of Oil and Gas Conservation

Billings or Shelby

Application for Permit

To: Drill [X] Deepen [ ] Re-enter [ ]

Operator: KeeSun Corp.

Address P.O. Box 430

City Cut Bank State MT. ZIP 59427

Telephone Number (406) 873-2203

Location of Well (quarter-quarter section and footage measurements)
1650' fnl - ~~1320'~~ 1338 fwl NW SE NW

(if directionally drilled, show both surface and bottom hole locations above)

Lease Name: Hochsprung

Lease Type (Private, State, Federal): Private

Well Number: KeeSun #6-18 Hochsprung

Unit Agreement Name: N/A

Field Name or Wildcat: Old Shelby

Objective Formation(s): Bow Island/Sunburst/Dakota

Section, Township, and Range: Sec.18, T33N, R1W

County: Toole

Proposed total depth	Formation at total depth	Elevation (indicate GL or KB)
1300'	Swift	3392 GL

Size and description of drilling/spacing unit: 320 West ½

API number of another well on this lease (if any):

Anticipated spud date: May 1992

Hole size	Casing size	Weight/foot	Grade (API)	Depth	Sacks of Cement	Type of Cement
9 7/8"	7"	17#	L.S.	430'	130 sx.	Class G + 3% CaCl2
6 ¼"	4 ½"	9.5#	J-55	1300'	E.C.P. or 50	sx. Class G

Describe Proposed Operations:

Describe or attach labeled diagram of blowout preventer equipment. Describe mud program or indicate if air drilled.

1) Drill 9 7/8" surface hole to 430' K.B.
2) Run 7", 17# casing to 430' K.B., cement w/ 130 sx. Class G + 3% CaCl2
3) Drill 6 ¼" main hole to 1300' K.B. with Air
4) If well is productive an ECP will be run or the well will be cemented.
5) If well is a dry hole, the well will be plugged and abandoned in accordance with the rules of the Board of Oil and Gas for the State of Montana.

Signed (Agent) M. John Finstad Title Petroleum Engineer Date May 15, 1992

Permit Fee #250.00

Check Number 150

Permit Expires 11-20-92

Permit Number #12415

API Number 25-101-23534

Notice

Filing of all logs, reports, analyses, and surveys made or run is required.

Samples Required

NONE ✓

ALL ___ From _____ To _____

Core chips to address below, full cores to USGS, Core Laboratory, Arvada, CO.

Dry, washed cut delivered prepaid to:
BOARD OF OIL AND GAS CONSERVATION
2535 St. Johns Avenue
Billings, MT 59102

Approved MAY 20 1992 Date

By Steve D. Sasak

Title Field Supervisor

Conditions of Approval

Order 15-88, 12-87

Gas only

P-0015344

Supplementary Information

Note: Information or attachments in addition to this supplement may be required by Rule or by special request.

1 Please attach a topographic or equivalent map of the area showing: the well location, access route from county or other established roads, nearest fresh water streams, lakes ponds, springs, etc.

2 If there are any water wells within 1/2 mile of the location, please label water wells on the map and indicate approximate depth if available, or give location and depth below.

Location(s): None Depth: _____

3 Please attach a sketch of the well site showing approximate dimensions and orientation of the site, size and location of pits, topsoil stockpile, and estimated cut /fill at the corners and centerstake. (Note: sketch may be hand drawn and need not be done by an engineer or surveyor).

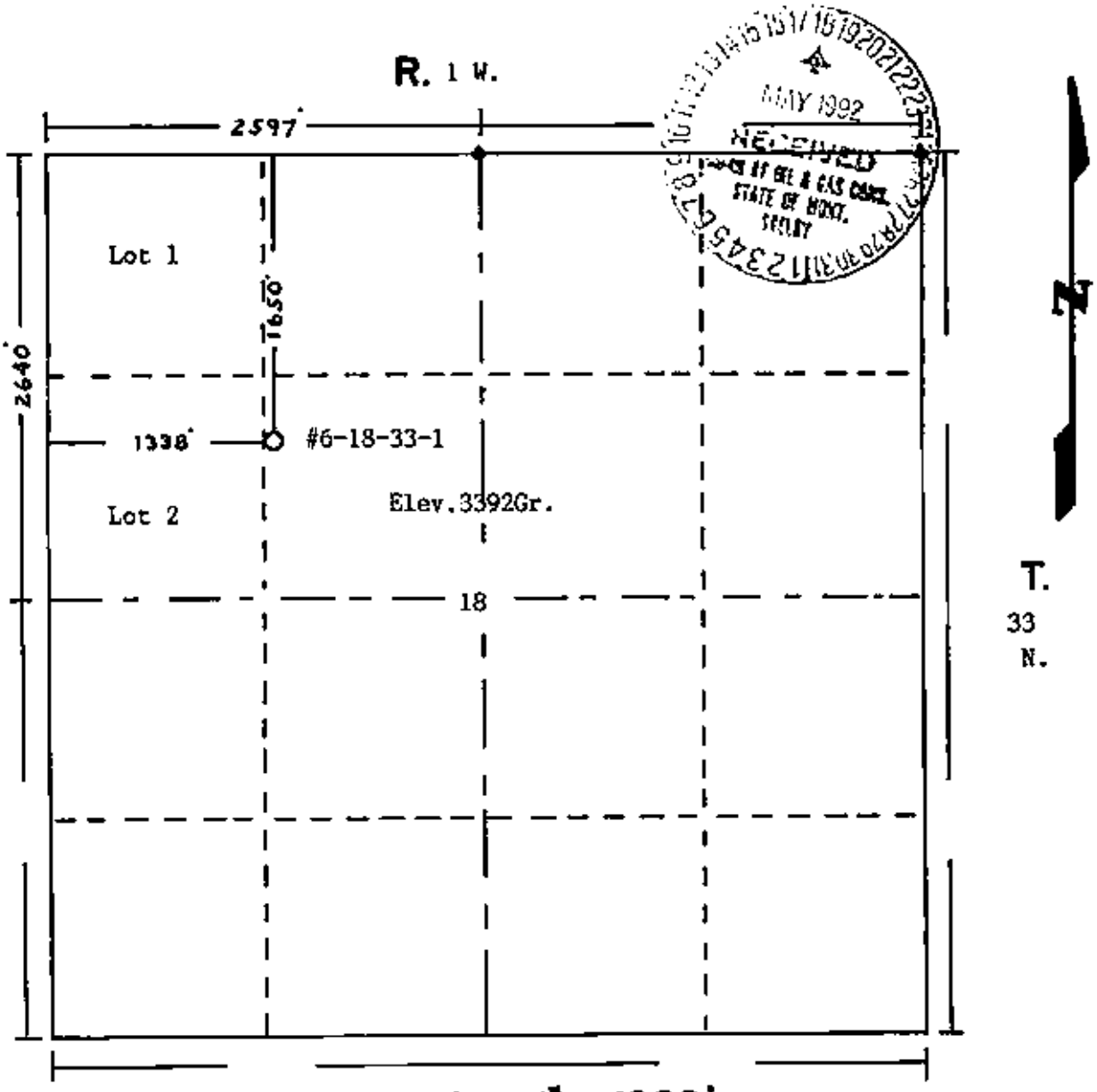
4 Will the reserve pit be lined ?

Yes [ ] Please describe lining/sealing material and thickness.

No [X] Please explain below or attach separate report.
Well will be air drilled

5 Does construction of the access road or location, or some other aspect of the drilling operation require additional state or federal permits? Please indicate below:

- [X] No additional permits needed
- [ ] Stream crossing permit (apply through county Conservation District)
- [ ] Air quality permit (may be required if drilling time exceeds 90 days and total engine horsepower exceeds 1500hp)
- [ ] Water use permit
- [ ] Federal drilling permit
- [ ] Other state or federal permit (specify)



Scale··· 1" = 1000'

Dorrel T. White & Associates of Billings, Montana has in accordance with a request from Rhodes for Keesun Corporation determined the location of #6-18-33-1 Hochsprung to be 1650'FN-1338'FW Section 18 Township 33 N. Range 1 W., Montana Principal Meridian Toole County, Montana

I hereby certify that this plat is an accurate representation of a correct survey showing the location of #6-18-33-1 Hochsprung

Date: 5/15/92

Dorrell T. White
Licensed Land Surveyor No. 585ES
State of Montana

P-0015346

4760

REGAN OFFSHORE INTERNATIONAL, INC. **Torrance, Calif.**

REGAN BLOWOUT PREVENTERS

The Regan Torus Blowout Preventer is used primarily on production and workover rigs for well control up to 3000 PSI working pressure

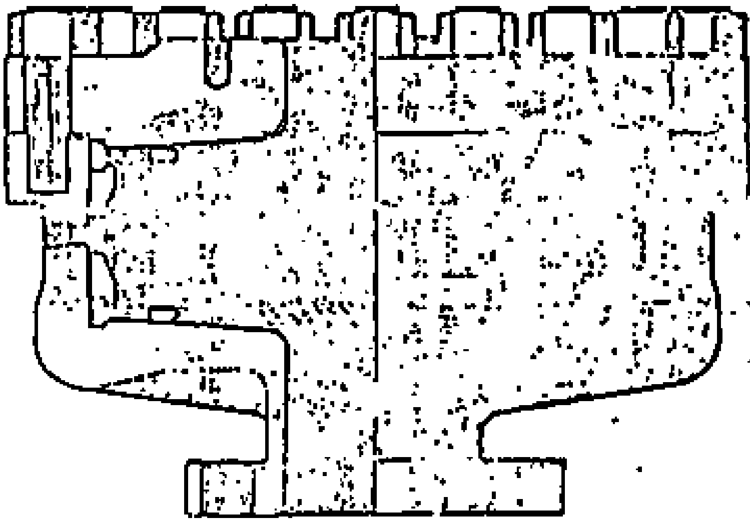
DESIGN FEATURES

a. The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.

b. The rubber packer will conform to any object in the well bore. Sealing ability is not affected by minor damage to the inner bore.

c. The packer will seal on open hole at full working pressure.

d. The dual packer design increases the reliability of the preventer since the outer rubber is never exposed to the well bore. Under ordinary service, the outer packer is rarely replaced.



TORUS BLOWOUT PREVENTER
PATENTED

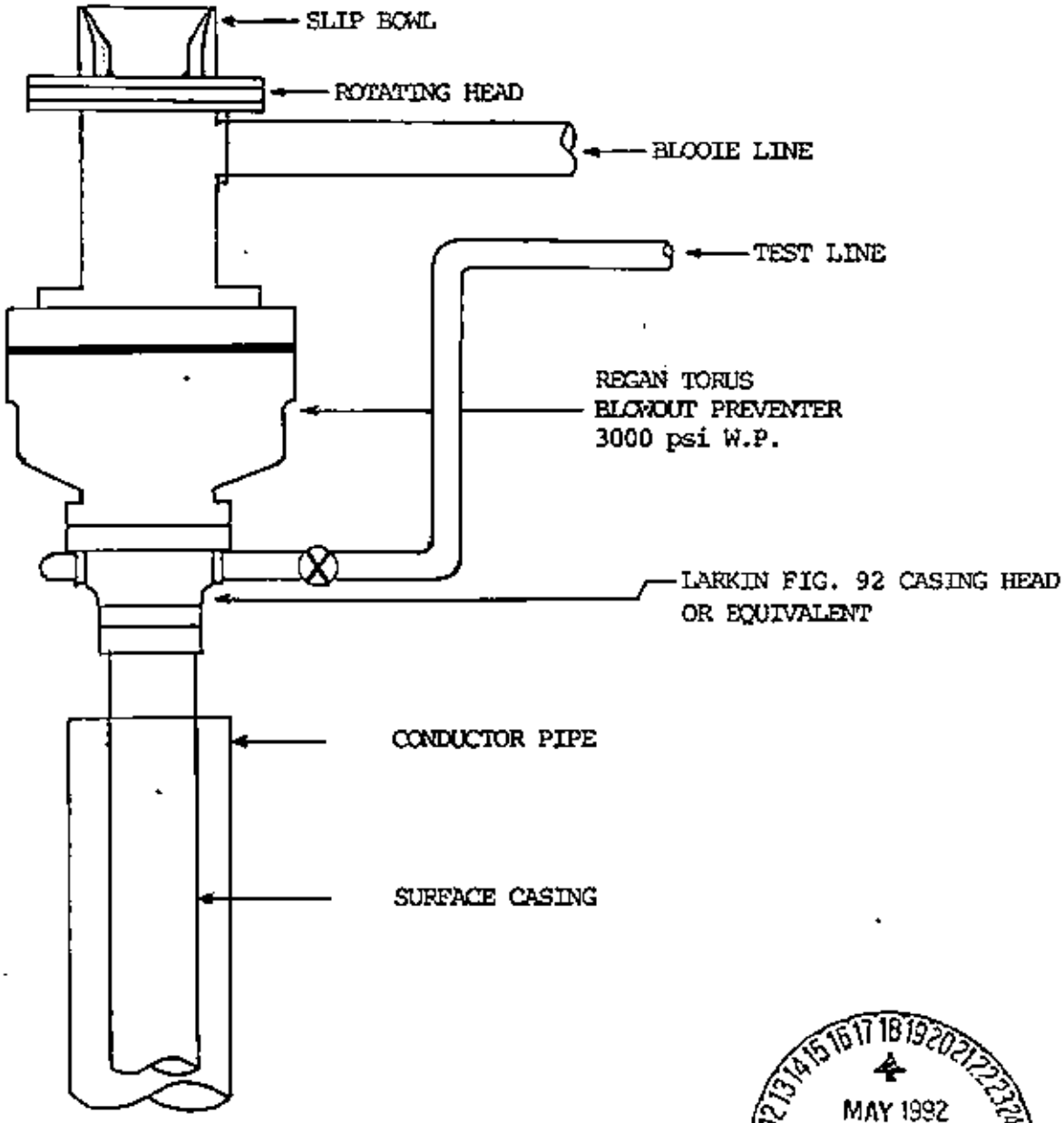
400 Series

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	Dimensions (in.) Outside Diameter	Thru Bore	Overall Height	Weight (lb.)	End Flanges (1)	R/RX Ring Grooves	Side Outlet
6	3000 6000	33 33¾	7 1/16 7 1/16	23¾ 21¾	1360 1950	Nom. 6 Nom. 6	45 45	None 2" L.P.
8	3000 6000	36¼ 35¼	9 9	25 25¼	2625 3150	Nom. 8 Nom. 8	49 49	None 2" L.P.

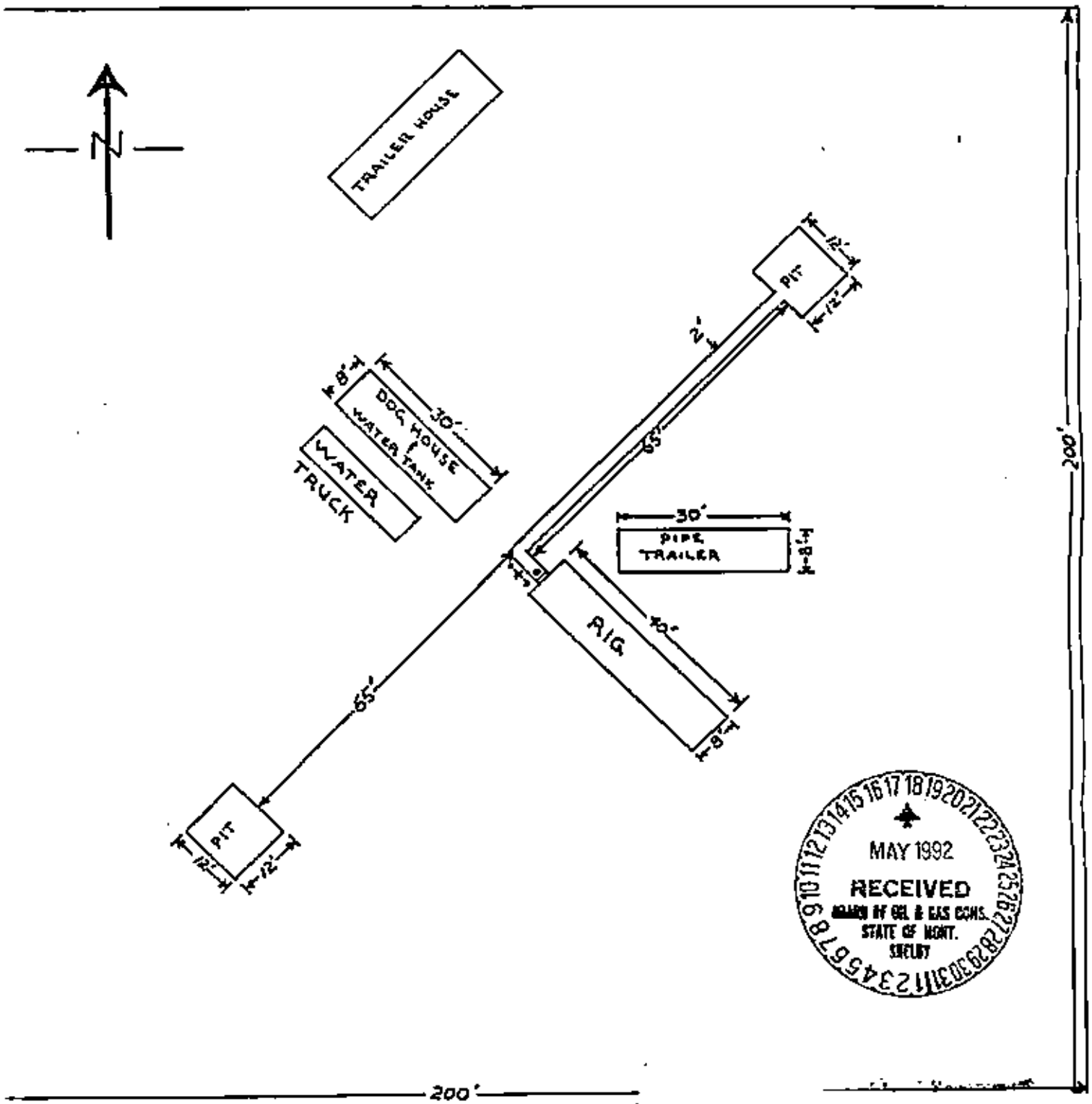
(1) Bottom flange holes elongated for use with either 2000 or 3000 psi API-6B flange, [illegible] can be used with obsolete 3rd, 400 API flange.) Top flange normally supplied for 3000 psi API-6B flange unless otherwise specified.

ROTARY, AIR AND MIST DRILLING RIG



A&G DRILLING COMPANY

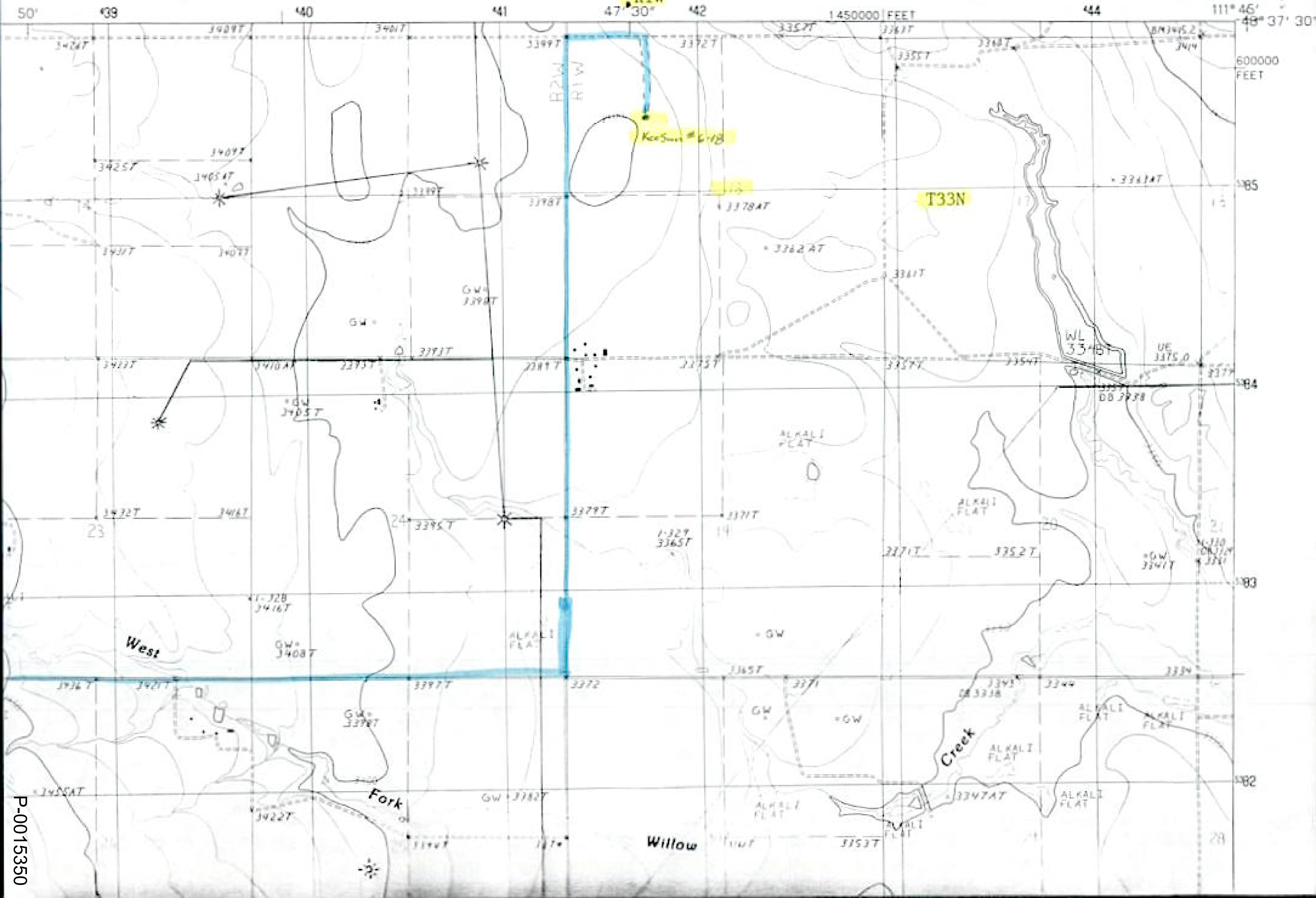
AIR DRILLING RIG LOCATION DIAGRAM



SCALE: 1" = 25'

No cut or fill required

SHELBY QUADRANGLE
MONTANA–TOOLE CO.
7.5 MINUTE SERIES (TOPOGRAPH



P-0015350

FIGURE 49
ENVIRONMENTAL CHECKLIST FOR OIL AND GAS WELLS

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Kee Sun Corp.
Well Name/Number: Hochstetler 6-19
Location: NW SE/4 Section 19 T33N R 19
County: _____, MT; Field (or Wildcat) _____

Air Quality

(possible concerns)

Long drilling time No 2-3 days
Unusually deep drilling (high horsepower rig) No TD 1300
Possible H2S gas production None
In/near Class I air quality area No
Air quality permit for flaring/venting (if productive) No

Mitigation:

__ Air quality permit (AQB review)
__ Gas plants/pipelines available for sour gas
__ Special equipment/procedures requirements
__ Other: _____

Comments: _____

Water Quality

(possible concerns)

Salt/oil based mud Air drilled and/or Freshwater mud dr. Mud
High water table No
Surface drainage leads to live water No
Water well contamination None in area
Porous/permeable soils No tight clay soils
Class I stream drainage No None in area

Mitigation:

__ Lined reserve pit
✓ Adequate surface casing
__ Berms/dykes, re-routed drainage
__ Closed mud system
__ Off-site disposal of solids/liquids (in approved facility)
__ Other: _____

Comments: 430' of 7" casing cemented to surface more than adequate surface casing.

Figure 49 (continued)

Soils/Vegetation/Land Use

(possible concerns)
Steam crossings None
High erosion potential No
Loss of soil productivity Slight (cultivated wheat field)
Unusually large wellsite No
Damage to improvements No
Conflict with existing land use/values Slight

Mitigation
__ Avoid improvements (topographic tolerance)
__ Exception location requested
✓ Stockpile topsoil
__ Stream Crossing Permit (other agency review)
✓ Reclaim unused part of wellsite if productive
__ Special construction methods to enhance reclamation
__ Other
Comments: Mitigate surface damages with surface owner. (Wolf Bros)

Health Hazards/Noise

(possible concerns)
Proximity to public facilities/residences Yes, 1 mi. to South residence
Possibility of H2S None
Size of rig/length of drilling time Small/short

Mitigation:
✓ Proper BOP equipment
__ Topographic sound barriers
__ H2S contingency and/or evacuation plan
__ Special equipment/procedures requirements
__ Other:
Comments: Hydal BOP OK

Wildlife/recreation

(possible concerns)
Proximity to sensitive wildlife areas (DFWP identified) None identified
Proximity to recreation sites None
Creation of new access to wildlife habitat No
Conflict with game range/refuge management No
Threatened or endangered Species None

Mitigation:
__ Avoidance (topographic tolerance/exception)
__ Other agency review (DFWP, federal agencies, DSL)
__ Screening/fencing of pits, drillsite
__ Other:
Comments: Cultivated Wheat Field

Figure 49 (continued)

Historical/Cultural/Paleontological

(possible concerns)
Proximity to known sites

Mitigation
__ avoidance (topographic tolerance, location exception)
__ other agency review (SHPO, DSL, federal agencies)
__ Other:
Comments: Cultivated wheat Field

Social/Economic

(possible concerns)
__ Substantial effect on tax base
__ Create demand for new governmental services
__ Population increase or relocation
Comments: Existing gas Field (Old Shelby)

Remarks or Special Concerns for this site

Summary: Evaluation of Impacts and Cumulative effects

No Significant Impacts

I conclude that the approval of the subject Notice of Intent to Drill (does/does not) constitute a major action of state government significantly affecting the quality of the human environment, and (does/does not) require the preparation of an environmental impact statement.

Prepared by: Steve Suski (title:) Field Supervisor Date: 5-10-92

Other Persons Contacted:

(Name and Agency)	(subject discussed)	(date)
(Name and Agency)	(subject discussed)	(date)

If location was inspected before permit approval:
Inspection date: 5-10-92 Inspector: Suski
Others present during inspection: No others present

OPERATIONAL SUMMARY

AND

GEOLOGICAL WELL HISTORY

KeeSun Corp.
Hochsprung No. 6-18
NW SE NW Section 18-T33N-R1W
(1650'fnl - 1338'fwl)
Toole County, Montana

API No. 25-101-23534

TEAGUE GEOLOGICAL, INC.

147 MAIN STREET

SHELBY, MONTANA 59474

GEOLOGIST: KNEELON E. TEAGUE

25-101-23534

RESUME'

Spud Date:	May 27, 1992
Completion Date:	May 29, 1992
Status:	Dual Completed Gas Well (Bow Island, 103 mcf/d, SID 22 psi) (Sunburst/Swift, 273 mcf/d, SID 80 psi)
Elevation:	3392 gr 3395 KB
Total Depth:	1384' driller 1383' logger
Casing:	10 3/4" @ 22'KBM (Conductor Pipe not cemented) 7 @ 399'KBM w/70 sx 4 1/2" @ 1210'KBM w/ECP + 10 sx
Contractor:	A & G Drilling Inc., Rig No. 4
Type Rig:	Ingersol Rand RD 10
Air Compressor:	Ingersol Rand (1050 cu.ft./min - 350 psi)
Air Program:	Surface to Total Depth (See "Air Drilling Summary")
Hole Size:	9 7/8"(0-22'), 8 3/4"(22'-405'), 6 1/4"(405'1384')
Size Drill Pipe:	4 1/2" Ingersol Rand Flush Joint (18.50 #/ft.)
Drill Collars:	None - Pull down rig
Sample Intervals:	30'(Surface to Total Depth)
Sample Quality:	Fair (air samples)
Cores:	None
Drill Stem Tests:	None
Gas Tests:	See "Gas Tests" section

AIR DRILLING SUMMARY

Surface Hole: 9 7/8" hole drilled to 22': Top bedded shale at 10', hole wet at 22': Drove 10 3/4" conductor casing to 22': Drilled 8 3/4" hole with Air/Mist/Foam from 22' to 405': No gas observed while drilling

Main Hole: 6 1/4" hole was drilled from under surface casing(405') to total depth(1384') with air(dusting). No moisture of any kind was observed. First gas observed on connection at 460'. Gas tests were run at 513'(34 mcf/d), 873'(112 mcf/d), 1180'(108 mcf/d), 1236'(219 mcf/d), and 1384'(336 mcf/d)

SAMPLE DISPOSITION

Samples not required by State or Federal Regulatory Agencies. Samples were left at the drill site, and not permanently saved.

LOGGING PROGRAM

Ran Schlumberger Litho-Density Log with Gamma Ray and Caliper from 10' to 1380'.

DRILLING FLUID ADDITIVES (Surface Hole)

Can Am Air Foam 6 gals

BIT RECORD

No.	Size	Make	Type	Interval	Footage	Hours	Jet Size	Serial No.
S1	9 7/8	STC	F2	0-22	22	1/4	open	rerun
S2	8 3/4	STC	F2	22-405	383	6 3/4	open	rerun
1	6 1/4	Sec	S84F	405-1384	979	11 1/2	open	rerun

ELECTRICAL LOG FORMATION TOPS

	Depth	Datum
Cretaceous		
Blackleaf	198	+3197
Base Fish Scales	280	+3115
Bow Island	794	+2601
Dakota	816	+2579
Kootenai	1148	+2247
Sunburst Zone	1196	+2199
Sunburst Sand		
Jurassic		
Morrison (Yellow Shale)	1223	+2172
Swift	1245	+2150
Swift Shale	1334	+2061
Rierdon	1352	+2043
Total Depth	1383	+2012

GAS TESTS

Note: First gas noted on connection at 480'

No. 1

Depth 513'

Formation Bow Island

Test Time 30 minutes

Performance	Time	Orifice	Backpressure(PSI)	Approx. Rate(mcf/d)	Comments
	5 min	1/4"	11	32.4	sweet/dry
	10 min	1/4"	12	34.0	sweet/dry
	20 min	1/4"	12	34.0	sweet/dry
	30 min	1/4"	12	34.0	sweet/dry

Comments Gas appears sweet and dry. Apparently stabilized at rate of 34 mcf/d. No Shut In Pressure was taken.

No. 2

Depth 873'

Formation Kootenai (Bow Island & Dakota open)

Test Time 30 minutes

Performance	Time	Orifice	Backpressure(PSI)	Approx. Rate(mcf/d)	Comments
	5 min	1/2"	9	108	sweet/dry
	10 min	1/2"	9	108	sweet/dry
	20 min	1/2"	9.5	112	sweet/dry
	30 min	1/2"	9.5	112	sweet/dry

Comments Gas sweet and dry. Bow Island sands and Dakota section open. Test was run to determine total gas rate prior to penetrating Kootenai. No Shut In Pressure was taken.

No. 3

Depth 1180'

Formation Kootenai (above Sunburst Sand)

Test Time 30 minutes

Performance	Time	Orifice	Backpressure(PSI)	Approx. Rate(mcf/d)	Comments
	5 min	1/2"	9	108	sweet/dry
	10 min	1/2"	9	108	sweet/dry
	20 min	1/2"	9	108	sweet/dry
	30 min	1/2"	9	108	sweet/dry

Comments No additional gas in Kootenai formation. Gas is sweet and dry.

No. 4

Depth 1236'

Formation Yellow Shale (Sunburst open)

Test Times 30 minutes

Performance	Time	Orifice	Backpressure(PSI)	Approx. Rate(mcf/d)	Comments
	5 min	3/4"	7.0	211	sweet/dry
	10 min	3/4"	7.25	215	sweet/dry
	20 min	3/4"	7.5	219	sweet/dry
	30 min	3/4"	7.5	219	sweet/dry

Comments Approximately 110 mcf increase over previous test. Gas is sweet and dry. No Shut In Pressure was taken.

No. 5

Depth 1384' (Total Depth)

Formation Rierdon (everything in hole open)

Test Time 30 minutes

Performance	Time	Orifice	Backpressure(PSI)	Approx. Rate(mcf/d)	Comments
	5 min	1"	5.5	336	sweet/dry
	10 min	1"	5.5	336	sweet/dry
	20 min	1"	5.5	336	sweet/dry
	30 min	1"	5.5	336	sweet/dry

Comments Approximately 117 mcf increase over previous test. Gas is sweet and dry. Entire hole from 399' to 1384' is open. No Shut In Pressure was taken.

COMPLETION TESTS

No. C1

Interval 1206' to 1383' (open hole below 4 1/2" casing)

Formation Sunburst/Swift

Test Time 60 minutes

Shut In Pressure 80 psi at surface

Performance	Time	Orifice	Backpressure(PSI)	Approx Rate(mcf/d)	Comments
	Initially	3/4"	10	259	sweet/dry
	10 min	3/4"	12	288	sweet/dry
	20 min	3/4"	11	274	sweet/dry
	30 min	3/4"	11	274	sweet/dry
	45 min	3/4"	11	274	sweet/dry
	60 min	3/4"	11	274	sweet/dry

Comments Shut In Pressure taken after well shut in for approximately 56 hours. Shut In Pressure (80 psig) taken at surface. Blew well down. Tested well on 2 3/8" EUE tubing. Pressure on annulus steady 20 psig at surface throughout test. No moisture observed.

No. C2

Interval 399' to 1096' (annulus between 4 1/2" casing & 6 1/4" hole)

Formation Bow Islands & Dakota

Test Time 60 minutes

Shut In Pressure 22 psi at surface

Performance	Time	Orifice	Backpressure(PSI)	Approx Rate(mcf/d)	Comments
	5 min	1/2"	10	116	sweet/dry
	15 min	1/2"	9 1/2	112	sweet/dry
	25 min	1/2"	9 1/2	112	sweet/dry
	35 min	1/2"	8 1/4	103	sweet/dry
	45 min	1/2"	8 1/4	103	sweet/dry
	60 min	1/2"	8 1/4	103	sweet/dry

Comments Shut In Pressure taken after well shut in for approximately 56 hours. Shut In Pressure (22 psi) taken at surface. Blew well down. Tested well on casing head valve (backside). No moisture was observed.

DAILY ACTIVITY SUMMARY (Calendar Days)

May 27, 1992 — Rigged up: Spud 9 7/8" hole at 7:00 a.m: Drilled 9 7/8" hole to 22': Drove 20.50' of 10 3/4" Conductor casing to 22'KB: Drilled 9 3/4" hole with Air/Foam/Mist from 22' to 405': T.D. 405' at 4:45 p.m.: Conditioned hole for casing: Ran 13 joints(393.36') used 7", 20 #/ft., 8rt, ST&C, casing set at 399'KBM with 70 sacks Class 'G' cement, 3% calcium chloride: Plug down at 8:15 p.m.: Good cement returns(3 bbls) to surface: W.O.C.

May 28, 1992 — W.O.C.: Nippled up: Drilled plug with mist; drilled out at 4:15 a.m.: Dried hole for air drilling: Began drilling main hole at 5:00 a.m.: Drilled 6 1/4" hole with air(dusting) from 405' to 1384': Reached T.D. 1384' at 5:45 p.m.: Ran Gas Tests No. 1, 2, 3, & 4, while drilling in sequence: Ran Gas Test No. 5 at total depth: Wait on parts: Started out of hole for logs at 9:00 p.m.: Ran Schlumberger Logs: Running 4 1/2" casing

May 29, 1992 — T.D. 1384': Ran 37 joints(1198.96') 4 1/2", 9.5 #/ft., ST&C, 8rt, M50, Range 2 casing set at 1210.26'KBM with Baker/Lynes External Casing Packer set at 1206'KB: Packer successfully inflated at 2:00 a.m.: Pumped 10 sx Class 'G' cement, 3% calcium chloride down backside on top of packer: Picked up used 3 7/8" bit welded on collar, and tripped in hole with 43 joints used 2 3/8" EUE, 4.7 # Range 2 tubing: Periodically drying hole tripping in: On bottom(bull plugged shoe) 1212' @ 6:15 a.m.: Dried hole: Drilled shoe: Landed tubing: Well completed: Moved off rig

May 30, 1992 — Location idle

May 31, 1992 — Ran completion tests: Checked Shut In Pressures(well shut in approximately 56 joints) 80 psi on tubing and 4 1/2" casing(Sunburst/Swift), 22 psi on casing head annulus(Bow Islands/Dakota). Blew well down: Installed 2" orifice well prover: Ran 60 minute test on tubing(11 psi on 3/4" orifice, 274 mcf/d) and 7" casing(8 1/4 psi on 1/2" orifice, 103 mcf/d): Sunburst/Swift completed at an initial rate of 274 mcf/d, sweet and dry gas, with a Shut In Pressure at the surface of 80 psig. Bow Island/Dakota completed at an initial rate of 103 mcf/d, sweet and dry gas, with a Shut In Pressure of 22 psig at the surface: Reports ends

LITHOLOGY

Sample descriptions begin at the surface. Sample descriptions are not corrected for drill time lag. Formation tops were determined from samples, penetration rate, and electrical logs. Samples were examined and described wet. Samples are air samples.

Samples Caught at 30' Intervals

0 - 10 — Clay, tan, brown, oxidized, sandy, soft, gummy, much loose coarse sand and igneous debris, calcareous in part, dense

10' - Top Bedded Shale

10 - 30 — Shale, dk. gray to black, blocky, platy, firm, earthy to gritty textured, calcareous, occasional amber calcified inclusions, dense trace lt. gray to white gummy bentonite: Hole wet at 20', drove 10 3/4" Conductor casing to 22'KBM

30 - 60 Shale, dk. gray, chunky, firm to soft, earthy textured, rarely micromicaceous, generally noncalcareous, trace gray silt laminations, dense

60 - 90 Shale, dk. gray to black, chunky, firm to soft, earthy textured, micromicaceous, noncalcareous, dense

90 - 120 Sandstone, lt. gray, very fine to fine grained, quartzose, many black and gray chert grains, micaceous, poorly sorted, well cemented to friable, firm, sharp, noncalcareous, dense: Much shale as above

120 - 50 Siltstone, gray, firm, sharp, micaceous, very finely sandy in part, noncalcareous, shaly and dirty, some laminations of dk. gray micaceous shale

150 - 80 Siltstone, very finely sandy, firm, dense, shaly as above: Some dk. gray to black shale, chunky, blocky, earthy, dense, trace lt. gray to white soft soapy bentonite

198' - E log Base Fish Scales

180 - 210 Shale, dk. gray to black, chunky, soft, earthy textured, some very fine pyrite inclusions, noncalcareous, dense: Trace soft white soapy bentonite: Trace siltstone as above

210 - 40 Siltstone, gray, very shaly, micromicaceous, very slightly calcareous, dense: Much earthy shale as above: Trace sharp dk. brown concretion fragments

240 - 70 Shale, dk. gray to black, chunky, blocky, fairly soft, earthy textured, noncalcareous, dense

280' - E log top Bow Island

270 - 300 Shale, dk. gray to black, very silty and sandy, firm, grades to dense poorly developed shale sandstone in part, sharp, noncalcareous

300 - 30 Shale, dk. gray to black, blocky, firm, earthy textured but silty and gritty in part, noncalcareous, dense: Trace sandstone, lt. gray, fine grained, black chert and mica specks, poorly sorted, firm, sharp, shaly, noncalcareous, dense

330 - 60 Sandstone, gray, lt. gray, very fine grained to siltstone, shaly and dirty, black chert and mica specks, rare pale green grains, poorly sorted, well cemented, noncalcareous, dense: Much shale as before

360 - 90 Shale, dk. gray brown to black, chunky, blocky, soft, smooth to waxy textured, occasional bright orange specks(zeolites?), noncalcareous, bentonitic, dense: Some tan to white soft soapy bentonite

390 - 405 Shale, gray brown, gray, lt. gray, some black, chunky, soft, bentonitic, smooth to waxy textured, noncalcareous, occasional bright orange specks(zeolites?), dense: Some lt. gray to tan soft waxy bentonite

405' - Ran and Cemented 7" Casing to 399'KBH

Note: Samples from 405' to T.D. are dust

405 - 20 Sandstone, lt. gray, very fine grained, unconsolidated, quartzose, many black and gray chert grains, much soft gummy lt. gray bentonitic matrix material, well sorted, noncalcareous, no apparent show

420 - 50 Shale, dk. gray to black, chunky, blocky, soft, earthy textured, slightly gritty in part, noncalcareous, dense

450 - 80 Sandstone, dk. gray, shaly, very fine and fine grained, quartzose scattered black and gray chert grains, many lt. green grains, poorly sorted, well cemented, noncalcareous, sharp, brittle, dense: Trace gas on connection at 480'

480 - 510 Sandstone, lt. gray, fine grained, quartzose, unconsolidated, many black chert grains, scattered pink, amber, and pale green grains, fairly well sorted, noncalcareous, traces of lt. gray clay matrix material: Gas test at 513' gauged 34 mcf/d

510 - 40 Shale, dk. gray to black, chunky, soft, earthy textured, bentonitic in part, noncalcareous, dense

540 - 70 Sandstone, lt. gray, fine grained, quartzose, many black chert grains, many lt. green grains, occasional amber grains, well sorted, probable bentonitic matrix, noncalcareous, questionable porosity

570 - 600 Shale, dk. gray, blocky, platy, firm, earthy textured to silty and gritty in part, noncalcareous, dense

600 - 30 Sandstone, lt. gray, very fine grained, quartzose, many black, green, and occasional amber grains, well sorted, generally unconsolidated, some gray shaly matrix material, probably dense, noncalcareous

630 - 60 Sandstone, gray, dk. gray, very shaly and poorly developed, very fine grained, quartzose, sparsely glauconitic, some black chert and mica specks, firm, sharp, noncalcareous, dense

660 - 90 Shale, dk. gray, blocky, earthy to gritty textured, soft, noncalcareous, dense

690 - 720 Shale as above becoming very sandy and glauconitic: Considerable fine unconsolidated quartz sand

720 - 50 Shale, dk. gray, silty and sandy as above, has general speckled appearance

750 - 80 Shale as above

794' - E log top Dakota

780 - 810 Shale, dk. gray, chunky, blocky, platy, earthy to very finely gritty in part, noncalcareous, dense

816' - E log top Kootenai

810 - 40 Shale, green, blocky, firm, very silty and sandy, has speckled appearance in part, noncalcareous, dense

840 - 70 Shale, green, blocky, smooth to waxy textured, silty and sandy in part, noncalcareous, dense: Gas test at 873' gauged 112 mcf/d

870 - 900 Siltstone, dk. gray green, firm, sharp, brittle, unconsolidated in part, shaly, firm, sharp, noncalcareous, dense

900 - 30 Shale, dk. green, chunky, firm to soft, smooth to subwaxy textured, noncalcareous, dense

930 - 60 Shale, dk. reddish brown, some maroon, chunky, soft, earthy and mudstone textured, noncalcareous, dense

960 - 90 Shale, dk. greenish gray, chunky, soft, smooth textured, bentonitic, noncalcareous, dense

990 - 1020 Shale, dk. greenish gray, as above

1020 - 50 Sandstone, gray, greenish cast, very fine grained to siltstone, quartzose, very shaly and dirty, noncalcareous, unconsolidated in part, dense

1050 - 80 Siltstone, cream, lt. gray, very fine grained to siltstone, quartzose, unconsolidated, scattered black, gray, and amber grains, noncalcareous, dense

1080 - 1110 Sandstone, lt. gray, pale greenish cast, very fine grained to siltstone, quartzose, generally unconsolidated, scattered black, tan, and amber grains, rare orange grains, fair sorting, well cemented and calcareous in part, dense

1110 - 40 Sandstone, lt. gray, fine grained, quartzose, many black and tan accessory grains, fair sorting, well cemented to unconsolidated firm, sharp, noncalcareous, probably dense

1148' - E log top Sunburst Zone
1140 - 70 Shale, pale greenish gray, soft, waxy textured, metabentonitic, noncalcareous, dense: Much soft white gummy bentonite

1196' - E log top Sunburst Sand
1170 - 1200 Sandstone, cream to lt. gray, fine to medium grained, quartzose, many angular white, tan, and amber chert grains, trace fine pyrite, very poorly sorted, unconsolidated, noncalcareous, some lt. gray to white soft waxy bentonite, gas test at 1180' gauged 108 mcf/d, no increase in gas from before

1223' - E log top Morrison (Yellow)
1200 - 30 Shale, bright mustard yellow, soft, earthy and mudstone textured, noncalcareous, dense: Gas test at 1236' gauged 219 mcf/d

1245' - E log top Swift
1230 - 60 Sandstone, lt. gray, brownish cast, very fine grained to siltstone, quartzose, many black chert grains, occasional glauconite grains, fairly well sorted, well cemented, noncalcareous, thinly laminated and interbedded with dk. gray brown silt and micaceous shale: Trace loose fine pyrite

1260 - 90 Siltstone, gray brown, very shaly, firm, interlaminated and ribboned with dk. gray brown silty shale, firm, sharp, noncalcareous, dense

1290 - 1320 Sandstone, dk. gray, fine grained, quartzose, unconsolidated, 40% black chert grains, fair sorting, no apparent matrix material, appears noncalcareous

1334' - E log top Swift Shale
1320 - 50 Shale, black, platy, firm, blocky in part, smooth to earthy textured, generally noncalcareous but very slightly calcareous in part, dense

1352' - E log top Rierdon
1350 - 84 Marlstone, dove gray, firm, highly calcareous, grades to dense subcrystalline marly limestone in part, very dense

1384' - Total Depth by Driller
1383' - Total Depth by Logger

KNEELON E. TEAGUE
PROFESSIONAL OIL FIELD SERVICES

Surface Casing
Intermediate Casing
(Production Casing)
Liner

O.D. 4½"

CASING SUMMARY

Well KeeSun Hochsprung No. 6-18 Location NW SE NW 18-33N-1W Date 5/29/92

Jts. on Locat.	Ft. on Locat.	Csg. Wt.	Gr.	Rge.	Thd.	T.&C.	Make	Jts. Run	Depth Landed	Ft. Run in Well
45	1450.94	9.5	M 50	2	8rt	ST&C	Maverick	37	1210 KB	1198.96

Shoe: Make Baker Type Solid Cement Guide Shoe Length	.70	
Collar: Make Baker/Lynes Type External Casing Packer Length	8.60	
Landing Joint (when used) Length	4.00	
Overall Length of Casing String	1212.26	
Feet up from K.B. (Subtract)	2.00	
Setting Depth: Log ____ Driller ____ Tally	1210.26	KB
Shoe Joint: Overall ____ (Subtract)	-----	
Float Collar Landed Log 3 Driller 0 Tally	-----	

K.B. to Csg. Flg. ____ ft. Cut off ____ ft.

CENTRALIZERS

Make None Number ____

Positions ____

SCRATCHERS

Make None Number ____

Positions ____

No. of Joints Welded BakerLok on shoe, ECP, & bottom joint

Remarks Setting element of external casing packer @ 1206'KBM: Pumped 10 sx Class 'G' cement, 3% $CaCl_2$ down annulus on top of packer

OPERATOR KeeSun Corp.

101-23534

AGENT OF OPERATOR K. Teague

Form 2

P-0015363

KNEELON E. TEAGUE

PROFESSIONAL OIL FIELD SERVICES

PIPE TALLY

DATE May 28/29, 1992 PAGE NO 1 OF 1

WELL NAME Hochsprung 6-18 LOCATION NW SE NW Sec 18-T33N-R1W

OPERATOR KeeSun Corp. RIG A & G Drilling Inc., Rig No. 4

PIPE DESCRIPTION: 3600 SIZE 4½" WT 9.5 LB/FT GRADE M50 RANGE 2

CPLG ST&C THREAD 8rt MFG Maverick NEW OR USED used

TYPE OF STRING Production TALLIED BY Owens/Teague (TWO'S OFF)

NO	FOOTAGE FEET	FOOTAGE TENTHS	NO	FOOTAGE FEET	FOOTAGE TENTHS	NO	FOOTAGE FEET	FOOTAGE TENTHS	NO	FOOTAGE FEET	FOOTAGE TENTHS	NO	FOOTAGE FEET	FOOTAGE TENTHS
1	17	34	21	32	10	41			61			81		
2	32	93	22	32	99	42			62			82		
3	32	48	23	32	88	43			63			83		
4	33	04	24	32	68	44			64			84		
5	33	18	25	33	08	45			65			85		
6	31	37	26	33	02	46			66			86		
7	32	86	27	33	09	47			67			87		
8	33	02	28	30	79	48			68			88		
9	33	13	29	32	90	49			69			89		
10	33	97	30	32	89	50			70			90		
TOTAL 1-10	312	43	TOTAL 21-30	326	62	TOTAL 41-50			TOTAL 61-70			TOTAL 81-90		
11	33	21	31	32	88	51			71			91		
12	33	07	32	31	51	52			72			92		
13	32	62	33	33	04	53			73			93	20	87
14	33	14	34	33	06	54			74			94	33	02
15	32	96	35	33	07	55			75			95	33	11
16	32	68	36	33	13	56			76			96	33	03
17	32	67	37	32	99	57			77			97	33	09
18	33	39	38			58			78			98	32	88
19	33	32	39			59			79			99	32	91
20	33	17	40			60			80			100	33	07
TOTAL 11-20	330	23	TOTAL 31-40	229	68	TOTAL 51-60			TOTAL 71-80			TOTAL 91-100	251	98
TOTAL 1-20	642.66		TOTAL 21-40	556.30		TOTAL 41-60			TOTAL 61-80			TOTAL 81-100		

TOTAL 1-20	642	66	GRAND TOTALS 1-100		
TOTAL 21-40	556	30	GRAND TOTALS 101+		
TOTAL 41-60			GRAND TOTALS 1 37	1198	96
TOTAL 61-80					
TOTAL 81-100					
GRAND TOTAL 1-100	1198	96	GRAND TOTAL 37	1198	96

REMARKS Ran 37 jts(1198.96') set at 1210'KBM w/Lynes ECP set at 1206KB Pumped 10 sx Class G cement, 3% $CaCl_2$ on top of packer

TOTAL JOINTS ON LOCATION 45(1450.94)

AGENT OF OPERATOR: K. Teague

101-23534

P-0015364

HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION: Denver
HALLIBURTON LOCATION: Havre
BILLED ON TICKET NO: [illegible]

WELL DATA

FIELD: ______ SEC: 18 TWP: 37N RNG: 14 COUNTY: [illegible] STATE: [illegible]

FORMATION NAME ______ TYPE ______
FORMATION THICKNESS ______ FROM ______ TO ______
INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD
PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD
COMPLETION DATE ______ MUD TYPE ______ MUD WT. ______
PACKER TYPE ______ SET AT ______
BOTTOM HOLE TEMP. ______ PRESSURE ______
MISC. DATA ______ TOTAL DEPTH ______

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	[illegible]	4½	KB	1206	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE [illegible]	DATE 5-30	DATE 5-30	DATE 5-30
TIME [illegible]	TIME 1:00	TIME [illegible]	TIME 2:15

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
[illegible]	3740	Havre
Kevin [illegible]		"

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.°API
DISPL. FLUID ______ DENSITY ______ LB/GAL.°API
PROP. TYPE ______ SIZE ______ LB. ______
PROP. TYPE ______ SIZE ______ LB. ______
ACID TYPE ______ GAL. ______ %
ACID TYPE ______ GAL. ______ %
ACID TYPE ______ GAL. ______ %
SURFACTANT TYPE ______ GAL. ______ IN ______
NE AGENT TYPE ______ GAL. ______ IN ______
FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN ______
GELLING AGENT TYPE ______ GAL.-LB. ______ IN ______
FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN ______
BREAKER TYPE ______ GAL.-LB. ______ IN ______
BLOCKING AGENT TYPE ______ GAL.-LB. ______
PERFPAC BALLS TYPE ______ QTY. ______
OTHER [illegible]
OTHER ______

DEPARTMENT: [illegible]
DESCRIPTION OF JOB: [illegible] Casing

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE: X [signature]

HALLIBURTON OPERATOR: [signature] COPIES REQUESTED ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	[illegible]	[illegible]			[illegible]	1.15	15.8

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT ______
BREAKDOWN ______ MAXIMUM ______
AVERAGE ______ FRACTURE GRADIENT ______
SHUT-IN: INSTANT ______ 5-MIN. ______ 15-MIN. ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET ______ REASON ______

SUMMARY

VOLUMES

PREFLUSH: BBL.-GAL. ______ TYPE ______
LOAD & BKDN: BBL.-GAL. ______ PAD: BBL.-GAL. ______
TREATMENT: BBL.-GAL. ______ DISPL: BBL.-GAL. [illegible]
CEMENT SLURRY: BBL.-GAL. [illegible]
TOTAL VOLUME: BBL.-GAL. ______

REMARKS

See Job Log

CUSTOMER: [illegible]
LEASE: [illegible]
WELL NO. [illegible]
JOB TYPE: [illegible]
DATE: 5-30-92

FORM 2025-R2

HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION: Denver

HALLIBURTON LOCATION: Havre

BILLED ON TICKET NO. 184162

WELL DATA

FIELD ______ SEC. 18 TWP. 33 RNG. 1W COUNTY Toole STATE MT

FORMATION NAME ______ TYPE ______

FORMATION THICKNESS ______ FROM ______ TO ______

INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

COMPLETION DATE ______ MUD TYPE ______ MUD WT. ______

PACKER TYPE ______ SET AT ______

BOTTOM HOLE TEMP. ______ PRESSURE ______

MISC. DATA ______ TOTAL DEPTH ______

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	20	7	KB	49	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-29	DATE 5-29	DATE 5-29	DATE 5-29
TIME	TIME	TIME	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	1	
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Fris	3740	Havre
K. Bowers	41592	

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.-°API

DISPL. FLUID ______ DENSITY ______ LB/GAL.-°API

PROP. TYPE ______ SIZE ______ LB. ______

PROP. TYPE ______ SIZE ______ LB. ______

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

SURFACTANT TYPE ______ GAL. ______ IN ______

NE AGENT TYPE ______ GAL. ______ IN ______

FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN ______

GELLING AGENT TYPE ______ GAL.-LB. ______ IN ______

FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN ______

BREAKER TYPE ______ GAL.-LB. ______ IN ______

BLOCKING AGENT TYPE ______ GAL.-LB. ______

PERFPAC BALLS TYPE ______ QTY. ______

OTHER ______

OTHER ______

DEPARTMENT Cmt

DESCRIPTION OF JOB: 4 surf pipe / T.C.

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X [signature]

HALLIBURTON OPERATOR Kevin L. Bowers COPIES REQUESTED ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	75	Prem			2% CC	1.15	15.8

SUMMARY

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT ______

BREAKDOWN ______ MAXIMUM ______

AVERAGE ______ FRACTURE GRADIENT ______

SHUT-IN: INSTANT ______ 5-MIN. ______ 15-MIN. ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET 49 REASON Shoe Joint

VOLUMES

PRESLUSH: BBL.-GAL. ______ TYPE ______

LOAD & BKDN: BBL.-GAL. ______ PAD: BBL.-GAL. ______

TREATMENT: BBL.-GAL. 10 w/ark DISPL: BBL.-GAL. 1.4

CEMENT SLURRY: BBL.-GAL. 15.4

TOTAL VOLUME: BBL.-GAL. ______

REMARKS

See Job Log

CUSTOMER: Kevin Bowers(?) — LEASE: Blackfeet(?) — WELL NO. 4-18 — JOB TYPE: Cmt Surf Pipe — DATE: 5-29-87

FORM 2025-R2

P-0015366

Phones: (406) 873-4211
(406) 873-2628
Mobile: (406) 873-5102
Fax: (406) 873-5550

MONTANA OIL WELL CEMENTERS, INC.

Established In 1942

P. O. Box 1227 Cut Bank, Montana 59427-1227

13607

WORK ORDER & INVOICE

BEFORE WORK IS COMMENCED THIS ORDER MUST BE SIGNED.

District Cut Bank Date 5/28/92 Order No. Req. No.

Company Keesun Coop

Contractor A+G Drilling

Lease and Well No. Keesun ETAL 6-18 Hoch Sprung Job Started 11:00 A.M. Job Comp'd 1:30 P.M.

County and State Toole Mont Field Old Shelby Section 18 Twp 33 N Range 1W

Mail Invoice To Keesun

Address

Type of Well: ☐ Workover, ☐ Exploratory, ☐ Development, ☑ Other ☐

Type of Job: Sur., ☐ Inter. ☐ Prod. ☑ Squeeze ☐ Pumping ☐ P & A ☐

P. B. ☐ Other (Write In)

Casing: New ☑ Used ☐ Size 4½ Weight 9.5 Depth 1202 Type

Hole Data: Bore Size: 6¼ Total Depth 1383 Rotary ☐ Cable Tool ☐ Air ☑

Tubing Or Drill Pipe: Size Type Weight Depth

Cementing Packer: Size Type Weight Depth Set

Type Float Equipment: 4½ RTS ECP

RECEIVED JUN 1992 STATE OF MONT. DEPT. OF STATE LANDS

P & A Data:	No. Sacks		No. Sacks
Plug No. 1 — From ... To ...		Plug No. 5 — From ... To ...	
Plug No. 2 — From ... To ...		Plug No. 6 — From ... To ...	
Plug No. 3 — From ... To ...		Plug No. 7 — From ... To ...	
Plug No. 4 — From ... To ...		Plug No. 8 — From ... To ...	
Others			

Cement Data: Bulk ☐ Sacked ☑ Mixed Wt. Per Gal. Sacks 10 Type 1+2 Brand Portland

Admix

Plugs & Heads: Top Plug Type ; Bottom Plug Type ; Type Head Swedge

Pressure: Circulating Minimum : Maximum

Displacement Data: Displaced with cu. ft. Barrels Plug back at

Remarks: Supervise Running ECP Packer and Pressure up To 1600#. Displace with 19.5 BBls of Water

REF. NO.	DESCRIPTION

5367