

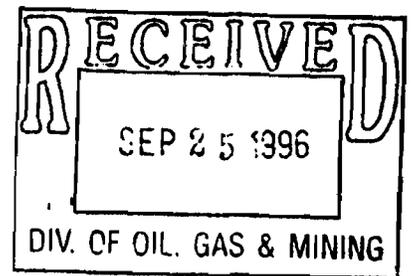
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-46342	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: N/A	
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: N/A	
2. Name of Operator: RANGELAND PETROLEUM CORPORATION		8. Farm or Lease Name: TEASDALE	
3. Address and Telephone Number: 210 NORTH MAIN ST., MIDLAND, TX. 79701 (915) 686-8983		9. Well Number: # 1	
4. Location of Well (Footages) At Surface: 540' FNL & 660' FWL At Proposed Producing Zone: SAME		10. Field and Pool, or Wildcat: WILDCAT	
14. Distance in miles and direction from nearest town or post office: 9 MILES SE OF TORREY		12. County: WAYNE	13. State: UTAH
15. Distance to nearest property or lease line (feet): 560'	18. Number of acres in lease: 640	17. Number of acres assigned to this well: 40	
16. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): N/A	19. Proposed Depth: 6,000'	20. Rotary or cable tools: ROTARY	
21. Elevations (show whether DF, RT, GR, etc.): 7,882' UNGRADED		22. Approximate date work will start: NOV. 1, 1996	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16" CONDUCTOR		50'	60 CU. FT. & TO SURFACE
12-1/4"	9-5/8" K-55	36#	2,150'	1350 CU. FT. & TO SURFACE
7-7/8"	5-1/2" J-55	17#	6,000'	1305 CU. FT. & TO 2,000'

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.



24. Name & Signature: *Brian Wozel* (505) 466-8120 Title: CONSULTANT Date: 9-20-96

(This space for State use only)

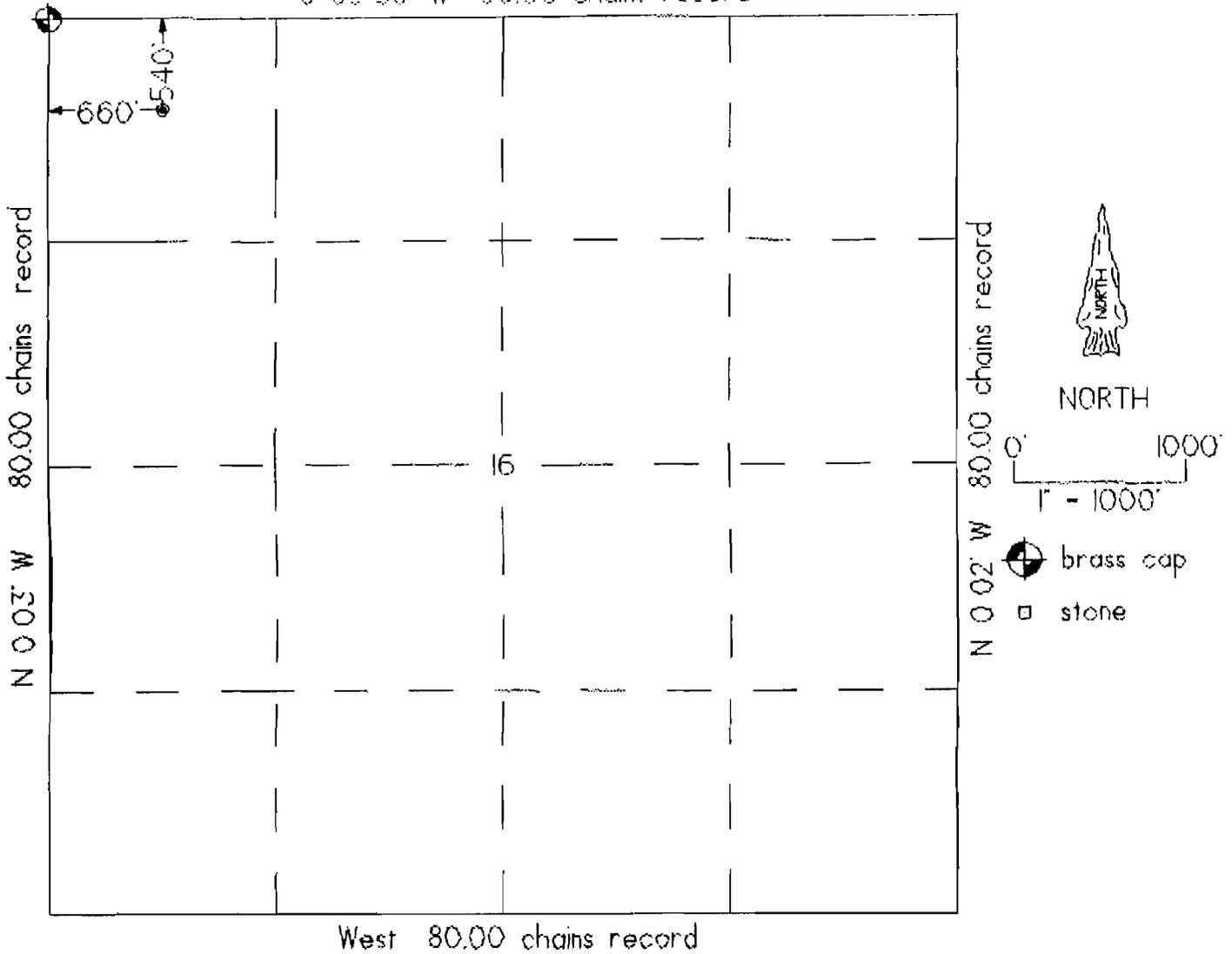
API Number Assigned: 43-055-30040

[Signature] Approval: *Petroleum Engineer*

11/1/96

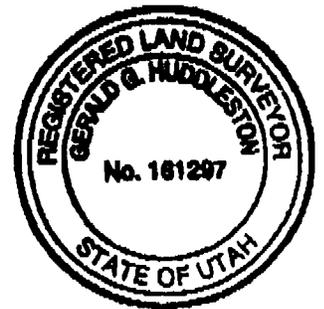
Well Location Plat

S 89 58' W 80.06 chains record



Well Location Description

RANGELAND EXPLORATION COMPANY
 Teasdale # 1
 540' FNL & 660' FWL
 Section 16, T.30 S., R.6 E., SLM
 7882' grd. el.
 Wayne County, UT



13 September 1995

Gerald G. Huddleston

Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

Drilling Program

<u>1. Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Subsea Depth</u>
Sinbad Ls	0'	12'	+7,882'
Kaibab Ls	150'	162'	+7,732'
Coconino Ss	290'	302'	+7,592'
Cedar Mesa Ss	550'	562'	+7,332'
Upper Hermosa	1,540'	1,552'	+6,342'
Redwall Ls	2,650'	2,662'	+5,232'
Devonian	3,160'	3,172'	+4,722'
Lynch (Muav) Ls	3,710'	3,722'	+4,172'
Bright Angel	4,930'	4,942'	+2,592'
Tapeats Ss	5,600'	5,612'	+2,282'
Precambrian Shale	5,800'	5,812'	+2,082'
Total Depth (TD)	6,000'	6,012'	+1,882'

* All depths are based on an ungraded ground level of 7,882'.

2. NOTABLE ZONES

Tapeats sandstone is the target zone. No other mineral zones are expected. Redwall is the only expected water zone.

3. PRESSURE CONTROL (Also see "5." on PAGE 2)

An 11" x 3,000 psi double ram BOP with 3,000 psi choke manifold will be used from bottom of surface casing to TD. (A typical 3,000 psi BOP is on Page 4. The actual model will not be known until the bid is let.) Pressure test casing to 1,000 psi and annular preventer to 1,500 psi before drilling out. Test valves, manifold, lines, pipe, and blank to 3,000 psi. Place test plug in bottom of wellhead and retest surface equipment every 30 days.

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Teasdale #1
540' FNL & 660' FWL
Sec. 16, T. 30 S., R. 6 E.
Wayne County, Utah

BOP system will be consistent with API RP53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or abandoned. BOPs will be inspected and operated daily to assure good mechanical working order. All BOP mechanical tests, pressure tests, and inspections will be recorded on the drillers log or daily drilling report.

4. CASING & CEMENTING

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>≈Setting Depth</u>
20"	16"		Conductor Pipe		New	50'
12-1/4"	9-5/8"	36	K-55	ST&C	New	2,150'
7-7/8"	5-1/2"	17	J-55	LT&C	New	6,000'

Surface casing cement will be circulated to surface. Premium cement (≈190 cu. ft.) will be run from ≈2,150' to ≈1,850'. Lite cement (≈1,160 cu. ft.) will be run from ≈1,850' to surface. An additional ≈300 sx will be used to top out cement if there are no returns. Volumes are calculated at 100% excess.

Long string will be cemented from TD to 2,000'. Premium cement (260 cu. ft.) will be run from TD to ≈5,000'. Light cement (≈600 cu. ft.) will be run from ≈5,000' to ≈3,700'. Stage tool will be set at ≈3,700'. Premium cement (≈130 cu. ft.) will be run from ≈3,700' to ≈3,200'. Light cement (≈315 cu. ft.) will be run from ≈3,200' to ≈2,000'. Volumes are calculated at 50% excess. Actual volumes will be determined by caliper log.

5. MUD PROGRAM

Aerated LSND will be used from surface to ≈2,150'. Mud or aerated LSND will be used from ≈2,150' to TD depending upon hole conditions. Weighted

Rangeland Petroleum Corporation
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540' FNL & 660' FWL
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Wayne County, Utah

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mud and lost circulation material will be on site. A mud logger will be on site once the well is below 5,000' to collect samples at 10' intervals.

6. CORING, TESTING, & LOGGING

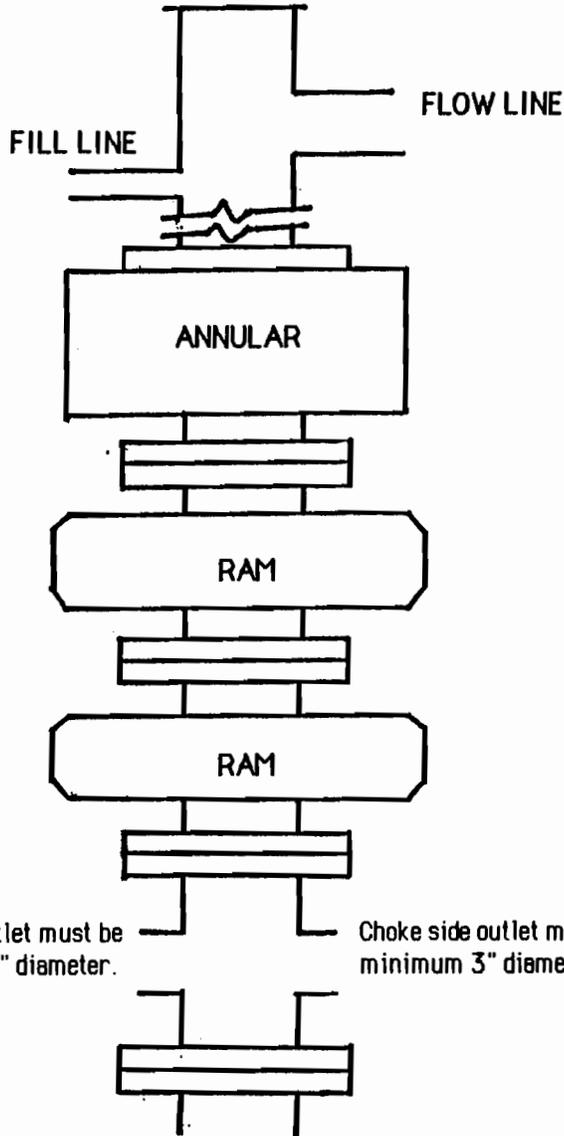
No cores are planned. A DST may be run in the Tapeats. Mud, compensated neutron, formation density, dual induction/SP, microlog, sonic, and dipmeter logs may be run from $\approx 2,150'$ to TD.

7. DOWNHOLE CONDITIONS

The maximum anticipated bottom hole pressure is $\approx 2,300$ psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected. Water flows and lost circulation are expected.

8. MISCELLANEOUS

The anticipated spud date is November 1, 1996. It is expected it will take ≈ 30 days to drill the well and ≈ 15 days to complete the well.



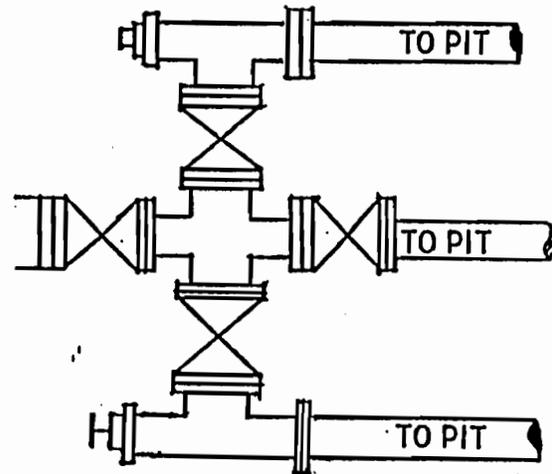
TYPICAL BOP STACK
& CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.

Kill side outlet must be minimum 2" diameter.

Choke side outlet must be minimum 3" diameter.

Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.



Upper kelly cock will have handle available.
 Safety valve and subs will fit all drill string connections in use.
 All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

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540' FNL & 660' FWL
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Surface Use Plan

1. EXISTING ROADS & DIRECTIONS (See PAGES 10 & 11)

From the junction of U-12 and U-24 on the east side of Torrey, Utah ...

Go S \approx 7 miles on Utah 12

Then turn left and go SE and then NE 3.9 mi. on the Miners Mountain Road

Then turn right and go SE 0.25 mi. on a good dirt road to an old cabin

Then turn left and go NE 0.45 mi. on a dirt road

Then turn left and go N 175' on a dirt road

Then turn right and E 400' on a dirt road

Then turn right and go SE 20' to the NW corner of the pad

2. ROAD TO BE BUILT OR UPGRADED

Twenty feet of new road will be built and 0.55 mi. of existing road will be upgraded. Improvements will initially be limited to flat blading a 16' wide travel surface and limbing and felling trees where needed. Limbing (cut at trunk so as not to leave stubs) will be used instead of felling if it will provide adequate safe passage. The south road of the two roads which bracket the wellsite will be blocked.

If production results, then all of the road from the well to the county road (Miners Mountain Road) will be crowned, ditched, and culverted. Travel surface will remain 16' and maximum disturbed width will not exceed 50'. Fifty feet will only be necessary on turns.

3. EXISTING WELLS

There are no existing oil, gas, water, injection, or disposal wells within a 1 mile radius.

4. PROPOSED PRODUCTION FACILITIES

Production facilities may include four 16' to 20' high 500 bbl tanks. Three steel tanks will for oil. One fiberglass tank will be for water. Vertical 4 x 20 heater-treater and 2 x 10 two stage separators may also be on site. The pumpjack and these facilities will be painted a flat juniper green color. Painting will be completed within 6 months of installation. Parts required to comply with OSHA colors will be excluded.

The tank battery will be surrounded by a dike of sufficient capacity to contain 150% of the storage capacity of the battery. All loading lines will be placed inside the dike.

5. WATER SUPPLY

Water will be piped from Carcass Creek in 11-30s-5e. Pace Ranch will provide the water right. A surface pipeline (≤ 6 " diameter) will be laid along the access road. If water in the pipe freezes, then water will be trucked to the wellsite. An Application to Appropriate Water will be filed with the Utah Div. of Water Rights.

6. CONSTRUCTION MATERIALS & METHODS

Topsoil, brush, and trees will be stripped and stockpiled north and south of the pad. The reserve pit will be lined with minimum 12 mil plastic. The south road which crosses the pad will be blocked.

7. WASTE DISPOSAL

At least 80% of the reserve pit capacity will be in cut. The pit will be

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540' FNL & 660' FWL
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Wayne County, Utah

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fenced 4' high on 3 sides with 4 strands of barbed wire or woven wire topped with barbed wire. The 4th side will be fenced once the rig moves off hole. The fence will be kept in good repair while the pit dries.

All trash will be placed in a trash cage. When full, it will be hauled to a state approved landfill. There will be no trash burning or disposal of trash in the reserve pit. Chemical toilets will be used for human waste.

8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Camper trailers will be on site for the company man, roughnecks, mud logger, tool pusher, etc.

9. WELL SITE LAYOUT

See PAGES 12 & 13 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, burn pit, access road onto the pad, parking, living facilities, and rig orientation.

10. RECLAMATION

After completing drilling, the wellsite and immediate area will be cleared of all debris and material not needed for production.

Reclamation will start when the reserve pit is dry. All areas not needed for production will be backfilled, recontoured to match natural contours, and reserved topsoil, trees, and brush evenly spread. If the well is a producer, then enough topsoil will be kept aside to reclaim the rest of the pad. Disturbed areas will be ripped, harrowed, or scarified before seeding. The south road which crosses the pad will be left closed and reclaimed. Areas widened by road upgrading will be similarly reclaimed.

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All reclaimed areas will be broadcast seeded in late fall or winter with seed mixes specified by the state (Sec. 16) and BLM (Sec. 17). Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

11. SURFACE OWNER

The pad is all on one lease on state land managed by the Utah School and Institutional Trust Lands Administration. The upgraded road is on state and BLM. The 175' of existing road which runs north-south is all on BLM.

12. OTHER INFORMATION

If cultural resources are found during construction, all work will stop in that area and the State Historic Preservation Office notified. Rangeland will inform everyone in the area associated with the well that they are subject to prosecution for disturbing historic or archaeology sites or for collecting artifacts.

13. REPRESENTATION AND CERTIFICATIONS

Anyone having questions concerning the APD should contact:

Brian Wood
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87505
(505) 466-8120 FAX: (505) 466-9682 Mobile: (505) 699-2276

The field representative for Rangeland will be:

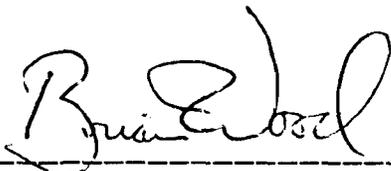
Rangeland Petroleum Corporation
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540' FNL & 660' FWL
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Terry Michael
Rangeland Petroleum Corporation
210 North Main St.
Midland, Tx. 79701
(915) 686-8983

I hereby certify Rangeland Petroleum Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease and unit operations in conjunction with this APD. Bond coverage for lease activities will be provided by Rangeland Petroleum Corporation.

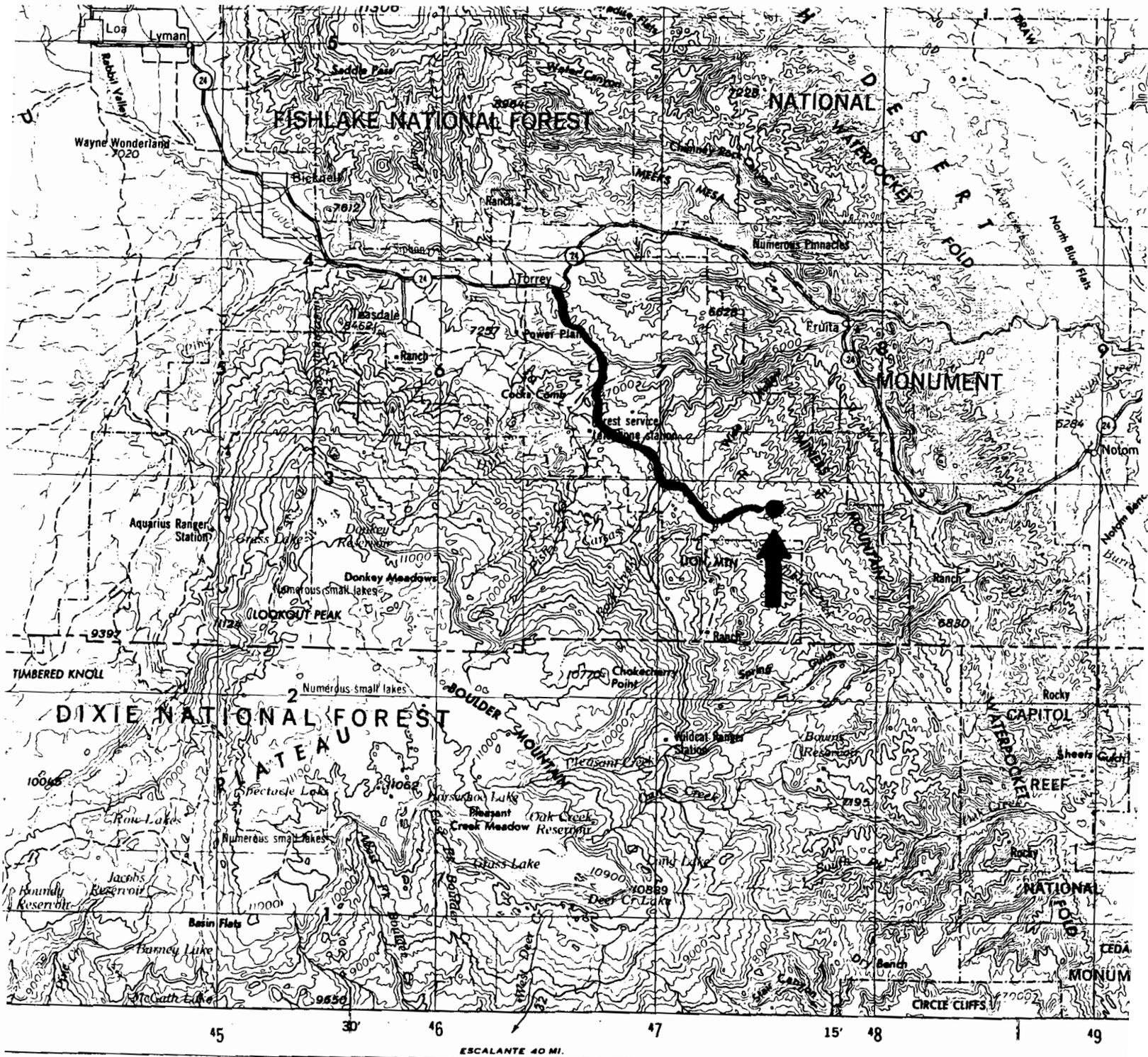
I hereby certify I have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Rangeland Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Brian Wood, Consultant

September 20, 1996
Date

Rangeland Petroleum Corporation
 Teasdale #1
 540' FNL & 660' FWL
 Sec. 16, T. 30 S., R. 6 E.
 Wayne County, Utah

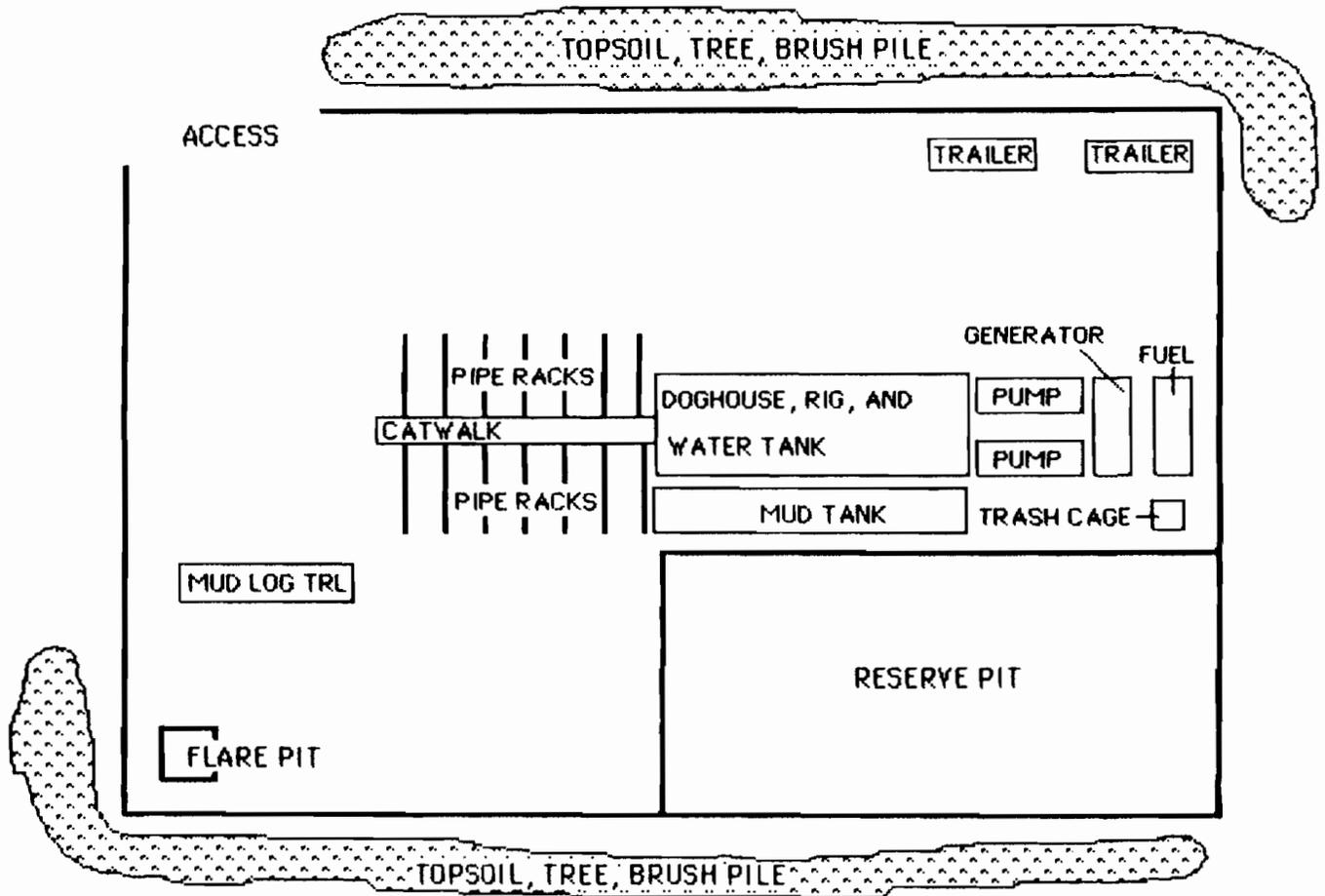


PROPOSED WELL: ●

ACCESS ROUTE: ~

PERMITS WEST INC.
 PROVIDING PERMITS FOR LAND USERS

Rangeland Petroleum Corporation
Teasdale #1
540' FNL & 660' FWL
Sec. 16, T. 30 S., R. 6 E.
Wayne County, Utah



Section 2 of the Act of June 8, 1906 (34 Stat. 225, 16 U.S.C. 431) authorizes the President, in his discretion, to declare by public proclamation historic landmarks, historic and prehistoric structures, and other objects of historic or scientific interest that are situated upon the lands owned or controlled by the Government of the United States to be national monuments, and to reserve as a part thereof parcels of land, the limits of which in all cases shall be confined to the smallest area compatible with the proper care and management of the objects to be protected.

NOW, THEREFORE, I, WILLIAM J. CLINTON, President of the United States of America, by the authority vested in me by section 2 of the Act of June 8, 1906 (34 Stat. 225, 16 U.S.C. 431), do proclaim that there are hereby set apart and reserved as the Grand Staircase-Escalante National Monument, for the purpose of protecting the objects identified above, all lands and interests in lands owned or controlled by the United States within the boundaries of the area described on the document entitled "Grand Staircase-Escalante National Monument" attached to and forming a part of this proclamation. The Federal land and interests in land reserved consist of approximately 1.7 million acres, which is the smallest area compatible with the proper care and management of the objects to be protected.

All Federal lands and interests in lands within the boundaries of this monument are hereby appropriated and withdrawn from entry, location, selection, sale, leasing, or other disposition under the public land laws, other than by exchange that furthers the protective purposes of the monument. Lands and interests in lands not owned by the United States shall be reserved as a part of the monument upon acquisition of title thereto by the United States.

The establishment of this monument is subject to valid existing rights.

Nothing in this proclamation shall be deemed to diminish the responsibility and authority of the State of Utah for management of fish and wildlife, including regulation of hunting and fishing, on Federal lands within the monument.

more

(OVER)

4

Nothing in this proclamation shall be deemed to affect existing permits or leases for, or levels of, livestock grazing on Federal lands within the monument; existing grazing uses shall continue to be governed by applicable laws and regulations other than this proclamation.

Nothing in this proclamation shall be deemed to revoke any existing withdrawal, reservation, or appropriation; however, the national monument shall be the dominant reservation.

The Secretary of the Interior shall manage the monument through the Bureau of Land Management, pursuant to applicable legal authorities, to implement the purposes of this



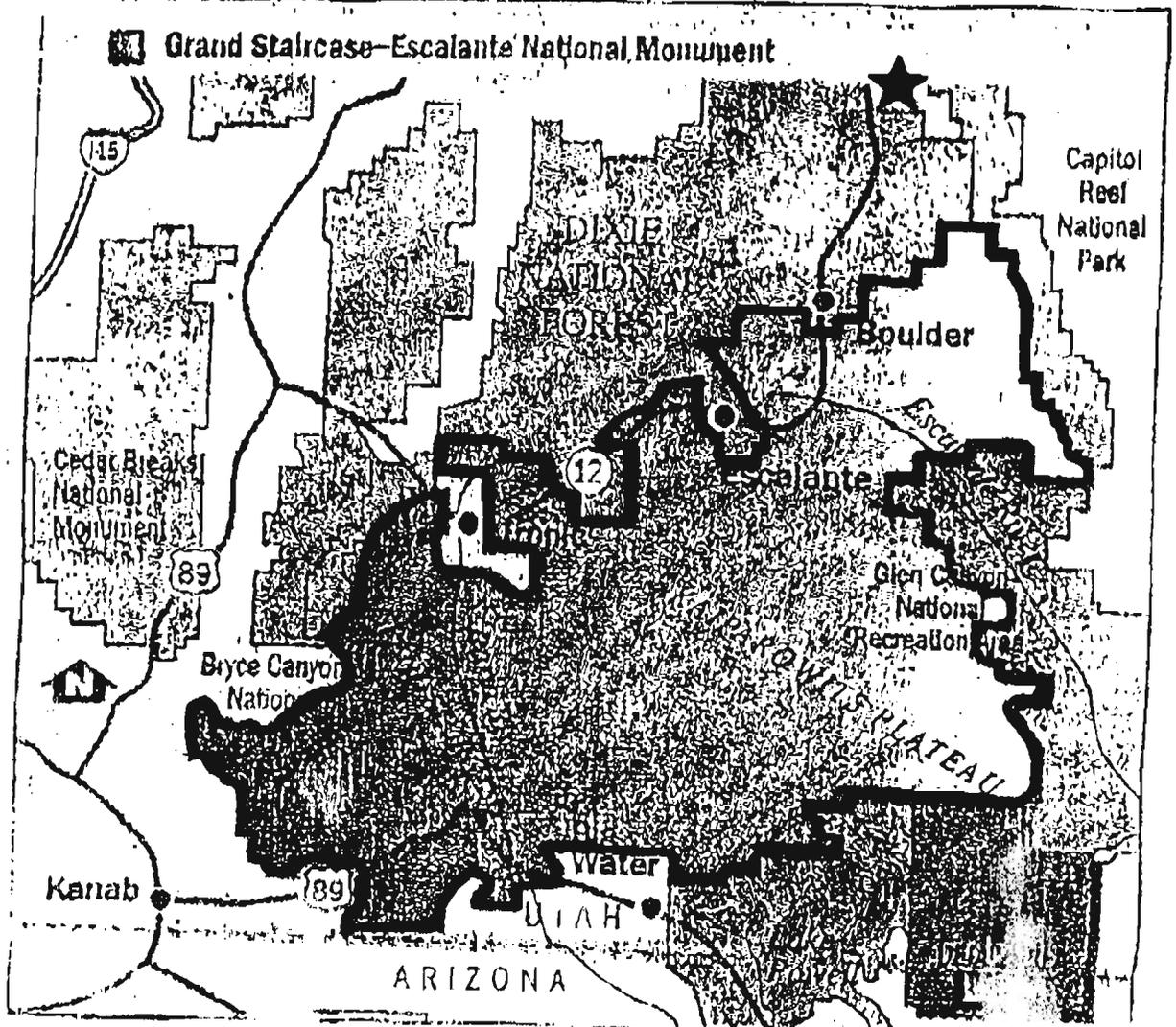
STATES
LEGAL
FOUNDATION

Steven J. Lechner
Staff Attorney

707 17th Street
Suite 3030
Denver, CO 80202
303-292-2021
Fax 303-292-1980

1.7 million Acres

Post-It Fax Note	7671	Date	9/23/96	# of pages	3
To	Bry M	From	Mike Daniel		
Co./Dept		Co.	Kingland		
Phone #		Phone #			
Fax #	303-446-9082	Fax #			



NOTICE OF STAKING

1. Type of Well
OIL {XX} GAS { } OTHER

5. Lease Number
ML-46342

2.(a) Name of Operator
RANGELAND PETROLEUM CORPORATION

6. If Indian, Allottee or Tribal Name
N/A

2.(b) Name of Agent
PERMITS WEST, INC. (Brian Wood)

7. Unit Agreement Name
N/A

3.(a) Address of Operator
210 NORTH MAIN ST.
MIDLAND, TX. 79701

8. Farm or Lease Name
TEASDALE

3.(b) Address of Agent
37 VERANO LP., SANTA FE, NM 87505

9. Well Number
#1

4. Surface Location of Well
NWNW

10. Field or Wildcat Name
WILDCAT

14. Formation Objective(s)
TAPEATS

11. Sec., T., R., SLBM
16-30s-6e

15. Estimated Well Depth
7,000'

12. County
WAYNE

13. State
UT

16. Location will be staked & access road flagged before onsite. A sketch showing the road, pad dimensions, reserve pit, cuts, and fills will be ready at the onsite.

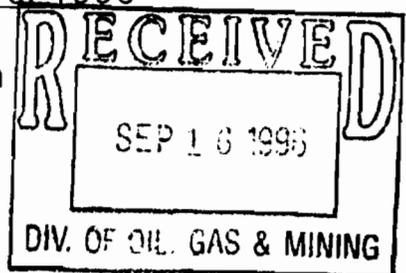
17. Other Considerations
a. Hydrogen Sulfide Potential: NO
b. Surface Ownership: STATE
c. Cultural Resources: TO BE DONE BY CASA

Brian Wood

Date: SEPTEMBER 10, 1996

Brian Wood, Consultant to Rangeland Petroleum Corporation

cc: Rangeland, UDOGM



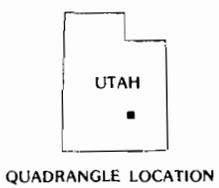
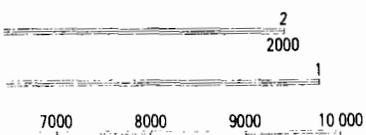
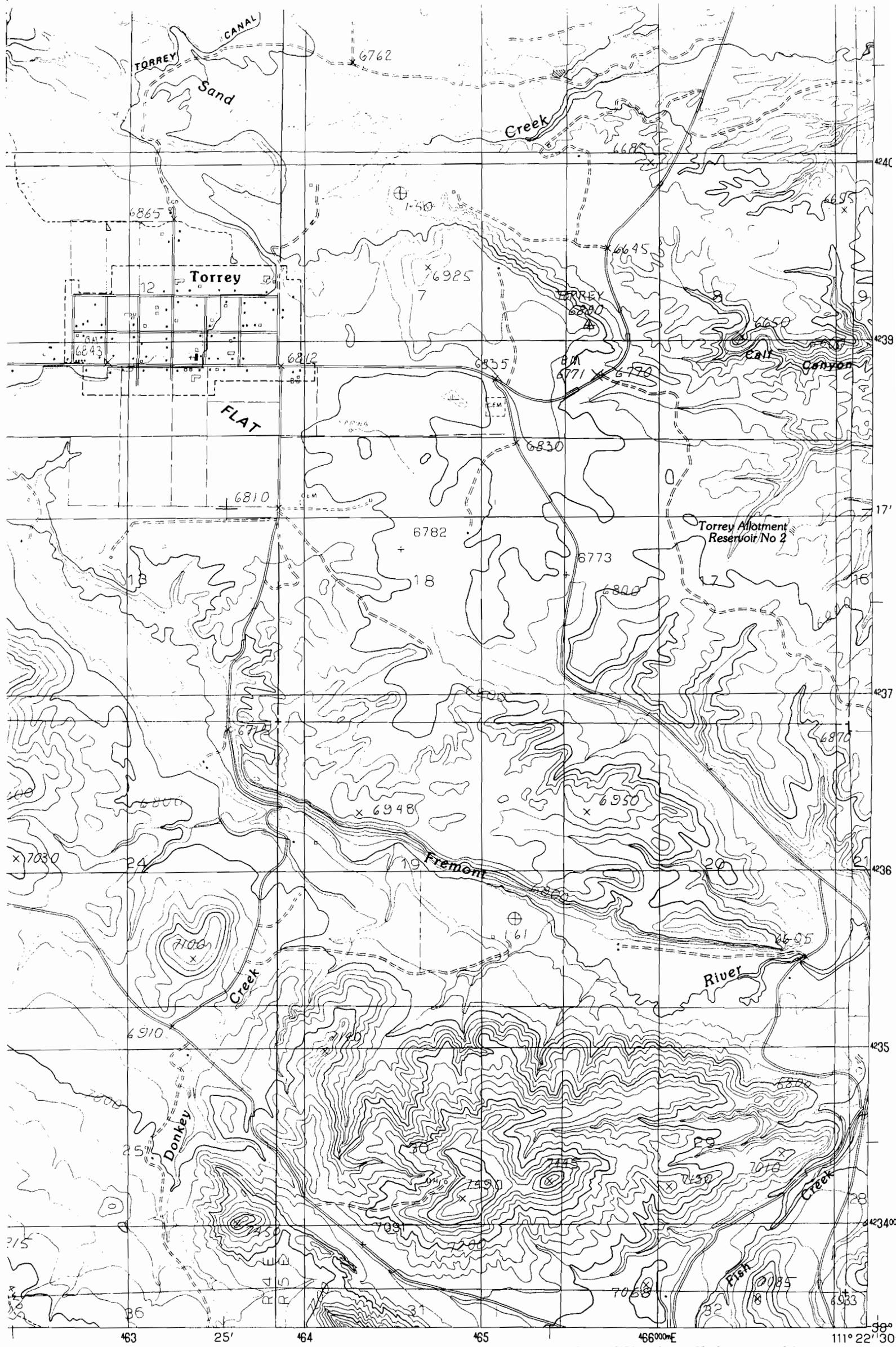
PAGE 1 of 14

To: MIKE HERBERTSON

Fr: Brian Wood

Please call me @ (505) 466-8120
so we can schedule an onsite.

Copies to follow by mail.



ROAD LEGEND

Improved Road
 Unimproved Road
 Trail

() Interstate Route () U.S. Route () State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1985

111° 22' 30"

472

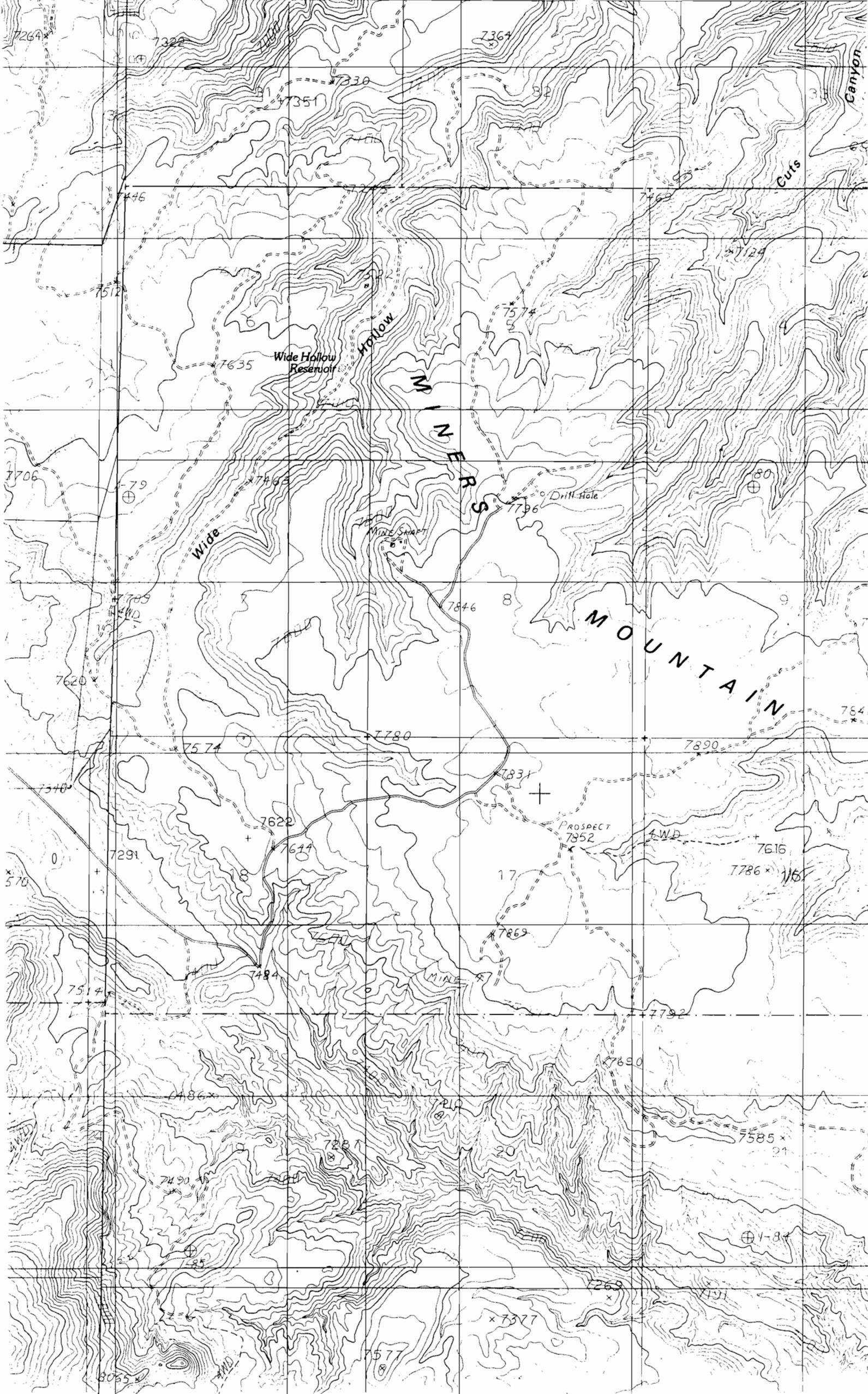
4

474

17' 30"

475

476



STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: RANGELAND PETROLEUM CO Well Name: TEASDALE # 1
Project ID: 43-055-30040 Location: SEC. 16 - T30S - R6E

Design Parameters:

Mud weight (19.20 ppg) : 0.997 psi/ft
 Shut in surface pressure : 2031 psi
 Internal gradient (burst) : 0.053 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

*** WARNING *** Design factor for collapse exceeded in design!

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	2,150	9.625	36.00	K-55	ST&C	2,150	8.765

Collapse Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Tension Strgth (kips)	S.F.	
1	2144	2020	0.942	2144	3520	1.64	77.40	423	5.47 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 10-31-1996
 Remarks :

TEASDALE

Minimum segment length for the 2,150 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 116°F (Surface 74°F, BHT 104°F & temp. gradient 1.400°/100 ft.)
 String type: Surface
 Next string will set at 2,150 ft. with 7.37 ppg mud (pore pressure of 823 psi.) The frac gradient of 1.000 psi/ft at 2,150 feet results in an injection pressure of 2,150 psi Effective BHP (for burst) is 2,144 psi.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

design factor OK if casing cemented to surface

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: RANGELAND PETROLEUM CO	Well Name: TEASDALE # 1
Project ID: 43-055-30040	Location: SEC. 16 - T30S - R6E

Design Parameters:

Mud weight (7.37 ppg) : 0.383 psi/ft
 Shut in surface pressure : 1989 psi
 Internal gradient (burst) : 0.051 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,000	5.500	17.00	J-55	LT&C	6,000	4.767		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2297	4910	2.138	2297	5320	2.32	102.00	247	2.42 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 10-31-1996
 Remarks :

TEASDALE

Minimum segment length for the 6,000 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 116°F (Surface 74°F , BHT 158°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.383 psi/ft and 2,297 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/25/96

API NO. ASSIGNED: 43-055-30040

WELL NAME: TEASDALE #1
 OPERATOR: RANGELAND PETROLEUM CORP (N8690)

PROPOSED LOCATION:
 NWNW 16 - T30S - R06E
 SURFACE: 0540-FNL-0660-FWL
 BOTTOM: 0540-FNL-0660-FWL
 WAYNE COUNTY
 WILDCAT FIELD (001)

INSPECT LOCATION BY: 10/02/96

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: STA
 LEASE NUMBER: ML - 46342

PROPOSED PRODUCING FORMATION: PRCAM

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal [State [Fee []
 (Number _____)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit BY PERMIT #
 (Number FROM CARRASS CREEK)
- RDCC Review (Y/N)
 (Date: 10/15/96)

LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
- Board Cause no: _____
- Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

-
1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
-
3. APPROXIMATE DATE PROJECT WILL START:
October 30, 1996
-
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Five County Association of Governments
-
5. TYPE OF ACTION: Lease Permit License Land Acquisition
 Land Sale Land Exchange Other _____
-
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
-
7. DESCRIPTION:
Rangeland Petroleum Corporation proposes to drill the Teasdale #1 well (wildcat) on state lease ML-46342, Wayne County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.
-
8. LAND AFFECTED (site location map required) (indicate county)
NW/4, NW/4, Section 16, Township 30 South, Range 6 East, Wayne County, Utah
-
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
-
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.
-
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
-
12. FOR FURTHER INFORMATION, CONTACT: Frank R. Matthews
PHONE: 538-5334
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL: 
DATE: 10-15-96 Petroleum Engineer

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: Rangeland Petroleum Corporation

Name & Number: Teasdale #1

API Number: 43-055-30040

Location: 1/4, 1/4 NWNW Sec. 16 T. 30S R. 6E

Geology/Ground Water:

Casing program proposed should adequately protect any ground-water aquifers penetrated. Review of files for P&A's in this township show that loss circulation could be a problem in this well. Several oil shows were reported but no high pressure zones. A review of Division of Water Rights database shows one water well in the township in section 31, several miles to the southwest of this well.

Reviewer: G. L. Hunt

Date: October 10, 1996

Surface:

Proposed location is on State Trust Lands. S&ITLA was notified of the onsite date and time, a representative did not participate. Part of the access road is on BLM administered land. A BLM representative was present at the onsite. There are no private ownership issues concerning this location. A local rancher has been contacted concerning acquisition of water for drilling, documentation will be forwarded to the Division. They plan to run a water line along the existing road way, a temporary use permit will be issued by the BLM for this.

Reviewer: G.L. Hunt

Date: October 4, 1996

Conditions of Approval/Application for Permit to Drill:

Reserve pit shall be lined with minimum 12 mil synthetic liner properly installed and maintained.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Rangeland Petroleum Corporation
WELL NAME & NUMBER: Teasdale #1
API NUMBER: _____

LEASE: ML-46342 State FIELD/UNIT: Wildcat
LOCATION: 1/4,1/4 NWNW Sec:16 TWP:30S RNG:06E 540' FNL 660' FWL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL

GPS COORD (UTM): _____
SURFACE OWNER: School and Institutional Trust Lands Administration (State)

PARTICIPANTS

Brian Wood-Permits West consultant for Rangeland, Gil Hunt-DOGGM, Bruce Bonebrake-DWR, Kay Erickson-BLM.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

This location is on Miners Mountain (Teasdale Anticline) between Capitol Reef National Park (Waterpocket Fold) to the east and Boulder Mountain to the west. The proposed site is almost level with a very gentle slope to the southeast which is the head of Capitol Wash.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing, wildlife, prospecting, area has been logged in the past all Ponderosa pines have been removed from the State section.

PROPOSED SURFACE DISTURBANCE: A drill pad of roughly 2 acres will be constructed. The area is almost level so little cut/fill is required. The pad area will require removal of pinion-juniper trees which now exist there. Existing roads will be used except for a short section (~100') to be constructed on BLM land. A right-of-way will be obtained from BLM for this and upgrade and use of the other portion of road on BLM administered land. The section of road on State land is already in place.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are two plugged and abandoned wells in the area. One in NWNE of section 17, the other in the NWNE of section 8 of the same township and range as the proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: If necessary will include 500 bbl tanks for oil, a fiberglass tank for water, heater-treater, separators, and pumpjack, all painted flat juniper green. Any tank battery will be bermed to contain possible spills.

SOURCE OF CONSTRUCTION MATERIAL: On location.

ANCILLARY FACILITIES: Trailers will be located on site for company men, mud logger, etc.

WASTE MANAGEMENT PLAN

Trash will be collected and hauled to the county landfill. Chemical toilets will be used. All water and drilling mud will be kept on location and handled or treated as necessary according to Division rules and guidance.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAIN AND/OR WETLANDS: None to be affected.

FLORA/FAUNA: Pinion-Juniper, Broom Snake Weed, Indian Rice Grass, some small forbes, vegetation is very sparse except for Pinion-Juniper trees. Deer, wild turkeys, rabbits, raptors, rodents. DWR representative concerned about avoiding turkey roosting (Ponderosa) trees located along access route.

SOIL TYPE AND CHARACTERISTICS: Eolian sand, detritus from Sinbad LS, SS and LS fragments, bedrock exposed in some areas.

SURFACE FORMATION & CHARACTERISTICS: Triassic Moenkopi (Sinbad Limestone Member) thin to medium bedded, brownish-orange and yellow conglomeratic and sandy dolomite.

EROSION/SEDIMENTATION/STABILITY: Flat and stable, minimal erosion mainly wind caused.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: Located on southeast corner of location, 100'x150'x10'.

LINER REQUIREMENTS (Site Ranking Form attached): 12 mil, 35 point ranking score.

SURFACE RESTORATION/RECLAMATION PLAN

All areas not needed for production will be backfilled, recontoured to match natural contours, and reserved topsoil, trees, and brush evenly spread. Disturbed areas will be ripped, harrowed, or scarified before seeding. The south road which crosses the pad will be left closed and reclaimed. Areas widened by road upgrading will be similarly reclaimed. All areas will be broadcast seeded in late fall or winter. DWR will provide a suitable seed mix.

SURFACE AGREEMENT

NA, Trust Land.

CULTURAL RESOURCES/ARCHAEOLOGY

Survey conducted by CASA (Mary Errickson), a copy will be provided. It will cover pipeline route along existing roads as well as new disturbance.

OTHER OBSERVATIONS/COMMENTS

According to Ed Bonner (S&ITLA) Rangeland has not yet provided adequate bonding for the well (10-9-96).

ATTACHMENTS

Liner ranking sheet, pictures, Water Rights points of diversion for the township.

G.L. Hunt
DOGM REPRESENTATIVE

10-4-96 @ 9:30 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
 For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base	15	
Mud Fluid containing high levels of hazardous constituents	20	<u>10</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score (Level I Sensitivity)		<u>35</u>

20th Century Plastics
1-800-767-0777
STOCK# PPV840-000



20th Century Plastics
1-800-767-0777
STOCK# PPV840-000



0	<u>95 2398</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
1	<u>95 2397</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
2	<u>95 2404</u>	.0000	.00	Cuts Canyon (Intermittent)
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
2	<u>95 2405</u>	.0000	.00	Cuts Canyon (Intermittent)
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
2	<u>95 2416</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
3	<u>95 2397</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
4	<u>95 2398</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
5	<u>95 2392</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
6	<u>95 2403</u>	.0000	.00	Captitol Wash (Intermittent)
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
7	<u>95 2392</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
8	<u>95 2395</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
9	<u>95 2403</u>	.0000	.00	Captitol Wash (Intermittent)
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
A	<u>95 2394</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
B	<u>95 2399</u>	.0000	.00	Unnamed Intermittent Stream
	WATER USE(S): STOCKWATERING			
	Bureau of Land Management			P.O. Box 768
C	<u>95 36</u>	.0000	.00	Sulphur Creek
	WATER USE(S): STOCKWATERING			
	USA Forest Service			324-25th Street
D	<u>95 2396</u>	.0000	.00	Miners Mountain Reservoir
	WATER USE(S): STOCKWATERING			
	USA Bureau of Land Management			P. O. 768

1

UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PRO

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG NORTH
E	<u>95 904</u>	.0150	.00	Lion Mountain East WATER USE(S): STOCKWATERING USA Forest Service 324 25th Street
F	<u>95 2395</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
G	<u>95 903</u>	.0150	.00	Headwater Creek WATER USE(S): STOCKWATERING USA Forest Service 324 25th Street
H	<u>95 2393</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
I	<u>95 2394</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
J	<u>95 2391</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
K	<u>95 153</u>	.0000	.00	Sulphur Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management P.O. Box 45155
K	<u>95 2401</u>	.0150	.00	Sulfer Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management P. O. Box 768
K	<u>95 177</u>	.0000	.00	Single Tree Creek WATER USE(S): STOCKWATERING USA Forest Service 324-25th Street
L	<u>95 36</u>	.0000	.00	Sulphur Creek WATER USE(S): STOCKWATERING USA Forest Service 324-25th Street
M	<u>95 2391</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
N	<u>95 2393</u>	.0000	.00	Unnamed Intermittent Stream WATER USE(S): STOCKWATERING Bureau of Land Management P.O. Box 768
O	<u>95 177</u>	.0000	.00	Single Tree Creek WATER USE(S): STOCKWATERING USA Forest Service 324-25th Street
P	<u>95 905</u>	.0150	.00	Nixon Spring WATER USE(S): STOCKWATERING USA Forest Service 324 25th Street
Q	<u>95 175</u>	.0000	.00	Single Tree Creek WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3
R	<u>95 175</u>	.0000	.00	Single Tree Creek WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3

1

UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PRO

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MAP   WATER           QUANTITY           SOURCE DESCRIPTION or WELL INFO   POIN
CHAR  RIGHT           CFS           AND/OR   AC-FT   DIAMETER   DEPTH   YEAR LOG   NORTH
-----
S  95  906           .0150           .00   North Fork Nixon Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324 25th Street

S  95  178           .0000           .00   Nixon Canyon Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

T  95  154           .0000           .00   Nixon Canyon Creek
      WATER USE(S):
      USA Bureau of Land Management   P.O. Box 45155

T  95  2402          .0000           .00   Nixon Canyon Creek (Intermitte
      WATER USE(S): STOCKWATERING
      Bureau of Land Management       P.O. Box 768

U  95  154           .0000           .00   Nixon Canyon Creek
      WATER USE(S):
      USA Bureau of Land Management   P.O. Box 45155

V  95  41            .0000           .00   Single Tree Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

W  95  2402          .0000           .00   Nixon Canyon Creek (Intermitte
      WATER USE(S): STOCKWATERING
      Bureau of Land Management       P.O. Box 768

X  95  906           .0150           .00   North Fork Nixon Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324 25th Street

Y  95  42            .0000           .00   Chokecherry Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

Y  95  42            .0000           .00   Chokecherry Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

Z  95  39            .0000           .00   Single Tree Creek
      WATER USE(S): STOCKWATERING
      Boulder Mountain Land and Cattle Company
      Lewis, Robert D.           P.O. Box 4608

Z  95  39            .0000           .00   Single Tree Creek
      WATER USE(S): STOCKWATERING
      Boulder Mountain Land and Cattle Company
      Lewis, Robert D.           P.O. Box 4608

Z  95  166          .0000           .00   Single Tree Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

a  95  41            .0000           .00   Single Tree Creek
      WATER USE(S): STOCKWATERING
      USA Forest Service           324-25th Street

```

b 95 37 .0000 .00 Single Tree Creek
 WATER USE(S): STOCKWATERING
 USA Forest Service 324-25th Street

1 UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PRO

 MAP WATER QUANTITY SOURCE DESCRIPTION or WELL INFO POIN
 CHAR RIGHT CFS AND/OR AC-FT DIAMETER DEPTH YEAR LOG NORTH

c 95 176 .0000 .00 Nixon CanyonCreek
 WATER USE(S): STOCKWATERING
 State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3

d 95 2390 .0150 .00 N. Fork Spring Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P. O. Box 768

e 95 40 .0000 .00 Chokecherry Creek
 WATER USE(S): DOMESTIC STOCKWATERING
 Boulder Mountain Land and Cattle Company
 Lewis, Robert D. P.O. Box 4608

f 95 166 .0000 .00 Single Tree Creek
 WATER USE(S): STOCKWATERING
 USA Forest Service 324-25th Street

g 95 40 .0000 .00 Chokecherry Creek
 WATER USE(S): DOMESTIC STOCKWATERING
 Boulder Mountain Land and Cattle Company
 Lewis, Robert D. P.O. Box 4608

g 95 184 .0000 .00 Chokecherry Creek
 WATER USE(S): STOCKWATERING
 USA Forest Service 324-25th Street

h 95 44 .2000 .00 Chokecherry Creek N 1550
 WATER USE(S): IRRIGATION STOCKWATERING
 Boulder Mountain Land and Cattle Company
 Lewis, Robert D. P.O. Box 4608

i 95 4820 .0150 .00 6 200 - 500 N N 1320
 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING
 Boulder Mountain Land & Cattle Co.

j 95 153 .0000 .00 Sulphur Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P.O. Box 45155

k 95 2401 .0150 .00 Sulfer Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P. O. Box 768

l 95 176 .0000 .00 Nixon CanyonCreek
 WATER USE(S): STOCKWATERING
 State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3

m 95 2390 .0150 .00 N. Fork Spring Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P. O. Box 768

n 95 152 .0000 .00 Sulphur Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P.O. Box 45155

n 95 152 .0000 .00 Sulphur Creek
 WATER USE(S): STOCKWATERING
 USA Bureau of Land Management P.O. Box 45155

n 95 4183 .0000 .00 Unnamed Intermittent Stream
 WATER USE(S): STOCKWATERING
 State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3

1 UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PRO

 MAP WATER QUANTITY SOURCE DESCRIPTION or WELL INFO POIN
 CHAR RIGHT CFS AND/OR AC-FT DIAMETER DEPTH YEAR LOG NORTH

n 95 4183 .0000 .00 Unnamed Intermittent Stream
 WATER USE(S): STOCKWATERING
 State of Utah School & Institutional Tru 3 Triad Center, Suite 400 -- 3

o 95 184 .0000 .00 Chokecherry Creek
 WATER USE(S): STOCKWATERING
 USA Forest Service 324-25th Street

p 95 178 .0000 .00 Nixon Canyon Creek
 WATER USE(S): STOCKWATERING
 USA Forest Service 324-25th Street

q 95 4885 .0150 OR 1.26 6 100 - 500 N N 150
 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING
 Ferris, Ilene C. 2081 Wilmington

well 100-500 ft

Sec. 3

◇
8

◇
Fed.
#1
17

▣
proposed
location
16

T30S R6E



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 1, 1996

Rangeland Petroleum Corporation
210 North Main Street
Midland, Texas 79701

Re: Teasdale #1 Well, 540' FNL, 660' FWL, NW NW, Sec. 16,
T. 30 S., R. 6 E., Wayne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-055-30040.

Sincerely,

R. D. Firth
Associate Director

lwp

Enclosures

cc: Wayne County Assessor
Bureau of Land Management, Richfield District Office

Operator: Rangeland Petroleum Corporation
Well Name & Number: Teasdale #1
API Number: 43-055-30040
Lease: ML-46342
Location: NW NW Sec. 16 T. 30 S. R. 6 E.

Conditions of Approval

1. General
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.
3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated October 10, 1996 (copy attached).

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: RANGELAND PETROLEUM CO.

Well Name: TEASDALE # 1

Api No. 43-055-30040

Section 16 Township 30S Range 6E County WAYNE

Drilling Contractor NABORS

Rig #: 903

SPUDDED:

Date: 12/14/96

Time: _____

How: DRY HOLE

Drilling will commence: 12/28/96

Reported by: ROBERT DAWTSON

Telephone #: 1-915-686-8983

Date: 12/23/96 Signed: FRM

FORM 6

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-46342

6. If Indian, Altona or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

TEASDALE

9. API Well Number:

#1

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
RANGELAND PETROLEUM CORPORATION

3. Address and Telephone Number:
210 NORTH MAIN ST., MIDLAND, TEXAS 79701 (915)686-8983

10. Field and Pool, or Wildcat:

WILDCAT

4. Location of Well

Footages: 540' FNL & 660' FWL

43. DSS. 30040

County: WAYNE

Co. Sec., T., R., M.: NWNW 16-30S-6E

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other CHANGE TOTAL DEPTH TO DRILL TO 8,900'
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start JANUARY 1997

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other _____
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all meters and zones pertinent to this work.)

13.

Name & Signature:

Michael J. Daniel

Title:

Vice/President

Date:

1/16/97

(This space for State use only)

Matthews

Petroleum Engineer

1/17/96

RANGELAND PETROLEUM CORPORATION

TEASDALE Well #1, *Continued*
[Please Maintain this Information in Confidence]

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12/26/96 TD: 40 ft

REMARKS: Continue to haul water to reserve pits as weather allows. Have hauled over 100 loads (approx. 10,500 bbbls) & currently able to haul 5 or 6 loads per day, with sufficient water on hand to begin drilling as soon as rig is available. {Per conversation with Nabors Drlg, anticipated move-in and rig-up for Nabors Rig 903 is December 29th}

Daily Cost: **\$1,080**

To-Date Cum. Cost: **\$51,210**

12/28/96 TD: 40 ft

REMARKS: Continue to haul water to reserve pits. Currently waiting on Rig 903 & crews to move-in. {Per conversation with Nabors Drlg, anticipated move-in for Rig 903 is Dec 31 & an approx drilling date of Jan. 3, 1997}

Daily Cost: **\$1,080**

To-Date Cum. Cost: **\$52,290**

DAILY PROGRESS REPORT

NOTE: Each report reflects a 24-hr record of operations from 7:00am the previous day to 7:00am on report day.

1/6/97 TD: 40 ft

REMARKS: Reserve pit full, hauled 200+ loads. Met with Gary Hall assistant BLM area manager on 1/3/97. Posted \$2,500 reclamation bond & moved in three rig loads on 1/5/97. Have approx. 20 loads still to move. Expect to have all loads moved by 1/8/97 & begin rig up 1/8/97.

Daily Cost: **\$2,710**

To-Date Cum. Cost: **\$55,000**

1/7/97 TD: 40 ft

REMARKS: Limb additional trees along county road. Contact Kay Erickson with BLM & obtain permission to cut down one Ponderosa Pine tree. Move in 8 loads and continue to move in rig.

Daily Cost: **\$740**

To-Date Cum. Cost: **\$55,740**

1/8/97 TD: 40 ft

REMARKS: Moved in 6 more rig loads. Move-in should be completed this afternoon. Expect to rig-up tomorrow morning.

Daily Cost: **\$250**

To-Date Cum. Cost: **\$55,990**

1/9/97 TD: 40 ft

REMARKS: Rigging Up.

Daily Cost: **\$250**

To-Date Cum. Cost: **\$56,240**

1/10/97 TD: 40 ft

REMARKS: Rigging Up. Waiting on main mud pump to be delivered to complete rig-up. Anticipate drilling operations to begin this afternoon (1/10).

Daily Cost: **\$250**

To-Date Cum. Cost: **\$56,490**

1/11/97 TD: 40 ft

REMARKS: Continue to wait on main mud pump. Pit liner appears to be leaking; water level in pit dropped approx. 1 foot in last 24 hours. Hauled 9 loads water. Main mud pump arrived on location at 7:30 pm & mudloggers trailer delivered. Prep to complete rig up & commence drilling.

Daily Cost: **\$5,150**

To-Date Cum. Cost: **\$61,390**

1/12/97 TD: 460' (Day 1)

(Sun) Progress: 420'; Present Oper: **DRLG**; Formation: Lime & Sand; Bit#1: 12 1/4" Smith/ST20 3-24 Jets; WOB: All; RPM: 85/120; ROP: 56 fph; Hrs. on Bit: 7.5; BHA: Bit, 8" Mud Motor, 3 - 8" DC's, XO, 11 - 6" DC; MW: 14; Visc: 28; pH: na; Pump#1: 5x16, SPM: 60; Press: 1000 psi; Hourly Summary: **14.5- RigUp, 1.0- Pick Up BHA, 4.0- Drilling, 0.5- Survey, 1.0- Drilling, 0.5- Service Rig, 2.5- Drilling**

REMARKS: Haul 1900bbl water to fill pit. RigUp mudlogger. Commence drilling @ 9:30p 1/11/97. Rotary table @ 85rpm & mud motor @ 120rpm. Not using air & Hole began taking small amount of fluid at 400 ft & Pumped a sawdust sweep.

Daily Cost: **\$7,700**

To-Date Cum. Cost: **\$69,090**

RANGELAND PETROLEUM

CORPORATION

TEASDALE Well #1 , *Continued*
(Please Maintain this Information in Confidence)

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1/13/97 TD: 1485' ; (Day 2)

(Mon) Progress: 1025'; Present Oper: **DRLG**; SS; Bit#1: 12 1/4" Smith/ST20 3-24 Jets; WOB: 50; RPM: 120/150; ROP: 50 fph; Hrs. on Bit: 29; BHA: Bit, 8" Mud Motor. 3 - 8" DC's , XO, 18 - 6" DC; MW: All Water; Pump#1: 6x16, SPM: 60; Press: 800-1200 psi; Hourly Summary: **21.5- Drilling, 0.5- Service Rig, 1.0- Survey, 1.0-Rig repair**

REMARKS: Started mudlogging Sunday afternoon. Roughnecks catching 30' samples. Lost returns at 900'. Start adding air at 900 cfm, got back 80% returns. Started snowing at 6:00 p.m. and reserve pit was full. (Approx. 19,000 bbls in reserve, Shut down water haulers. Lost complete returns at 1150' (9:00 p.m.) Increased air to 1800 cfm, pump rate to 325 bpm. No returns and no attempt to mud up was made. Dry drilled thru the night to 1485'. Estimated 2,000 bbls left in reserve at report time. Will resume water hauling as soon as access road is cleared of snow. (Snowed 3 feet over night.)

Daily Cost: **\$1,460**

To-Date Cum. Cost: **\$70,550**

1/14/97 TD: 1543' ; (Day 3)

(Tue) Progress: 58'; Present Oper: **TOH**; Formation: SS; Bit#1: 12 1/4" Smith/ST20 3-24 Jets; WOB: 45; RPM: 85/120; ROP: 48 fph; Hrs. on Bit: 31; Out at 1544"; BHA: Bit, 2 - 8" DC's , XO, 18 - 6" DC; MW: Not Available; Pump#1: 6x16, SPM: 55; Press: N/A; Hourly Summary: **2.0- Drilled and 10% 1485' -1543', 0.5- Circulate, 3.5-TOH for bit, 8.0- fight lost circulation, mix 100 bbl pill w/40 vis LCM and pump down backside. Build volume and mix mud in steel pits and pre mix tank. (40 vis w/ 15% LCM, 3.5- Stand back 8" DC and mud motor and TIH. 1.0- Try to break circulation. Drill string plugged, 4.0- TOH wet. Clean out 45' drill collars plugged w/ LCM, TIH to 800', 1.0- Try to break circulation. Drill string plugged., 0.5-TOH wet.**

REMARKS: Began blading snow on access road at 2:00 p.m. Had road to location passable by 6:00 p.m. Broke blade off of motor grader on second pass thru on access road. Snowed additional 10 inches overnight. Try to locate another motorgrader. Access is still impassable to water trucks.

Daily Cost: **\$1,250**

To-Date Cum. Cost: **\$71,800**

1/15/97

1/16/97

RANGELAND PETROLEUM CORPORATION

TEASDALE Well #1 , *Continued*
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✓ **1/17/97 TD: 2350'; (Day 6)**

(Fri) Progress: 370'; Present Oper: **DRLG w/ NO RETURNS**; Formation: LIME; Bit#2: 12 1/4" STC/F-2 3-24 Jets; WOB: 45; RPM: 120 ROP: 21 fph; Hrs. on Bit: 33; OUT @ 2235'; BIT #3: 12 1/4" STC SF2D Open Jets; WOB: 45; RPM: 120; ROP: 21; BHA: Bit, 3 - 8" DC's, 17 - 6" DC, 3-HWDP; MW: 8.7; Visc: 38; PV: 13; YP: 10; PH: 10.5; Pump#1: 6x16, SPM:40; AIR: 1900 cfm; Press: 0; Hourly Summary: **4.5**-Drlg 1980'-2051', **0.50**-Rig Service, **0.50**-WLS, **7.5**- Drlg 2051'-2221, **2.0**- Lost returns, mix mud & LCM, gained returns, **1.5**-Drlg 2221'-2235', **4.0**-TOH for Bit #2, Clean LCM out of bit sub.TIH w/ bit #3, **0.50**-Ream 2200'-2235', No fill, **3.0**- Drlg 2235'-2350' & lost returns at 2250'
REMARKS: Surveys: 1 3/4 deg @ 2051'. Lost complete returns @ drlg break 2187'-2209'. Mix mud & LCM. Got returns after 3 hrs. gained 100 bbls. Drlg mud is watered back, lost returns @ 2250' & unable to get returns back. Drlg w/ 1900 cfm air, 6.25 bpm mud. Will TD surf hole @ +-2390'. Lost 1300 bbls & losing @ 500 bbls/hr. Haul 17 loads wtr w/ 1 truck, release second truck.
Daily Cost: **\$2,860** To-Date Cum. Cost: **\$80,505**

✓ **1/18/97 TD: 2394'; (Day 7)**

(Sat) Progress: 44'; Present Oper: **Drlg Insert Float**; Formation: LIME; BIT #3: 12 1/4" STC SF2D Open Jets; WOB: 45; RPM: 120; ROP: 22; Cum Hrs: 69; BHA: Same; MW: Water; Visc:-; PV:-; YP:-; PH; Pump#1: 6x16, SPM:45; AIR: none; Press: 0-350; Hourly Summary: **2.0**-Drlg 2350'-2394', **3.0**- Mix Mud & Pump 400 bbl Pill, **1.50**-Strap Out of Hole, **2.5**- Rig Up Csg crew & run 9-5/8" Csg, **4.0**- Rig Up BJ & Casing Plugged, **1.0**-Rig Down BJ & Back Off Top Jt Csg, **9.0**-Rig Up to drill out plugged csg, **1.0**- Drlg out insert float & guide shoe
REMARKS: Drill 2350' 2394' without returns. TD surf hole @ 2394'. Strap out (2389.3') & mix 400 bbl mud w/ 60 vis, 15% LCM. Spot pill on btn. POH & run guide shoe, 1 jt csg, insert float, & 55 jts csg. (total 56 jts new 9-5/8" 36#/ft K55 STC csg to 2394.89 ft). Ran centralizers on jts. 1,3,5,7,9,11 & ran cmt baskets on jts 34 & 43. Landed csg @ 2354' & could not wash csg down & csg plugged. Pressured to 1700 psi w/ no success. Rig down cementers & ran 7-7/8" bit, mud motor, drill collars & drill pipe in csg to drill out float. Now drilling on guide shoe.
Daily Cost: **\$2,910** To-Date Cum. Cost: **\$83,415**

1/19/97 TD: 2394'; (Day 8)

(Sun) Progress: 0'; Present Oper: **WOC** ; Formation: LIME; Hourly Summary: **3.5**-Drill out guide shoe, **3.0**-Waiting on Welder, **2.0**-Trip Out of Hole, **0.5**- Lay Down landing joint & PU 1 jt 9-5/8", **0.5**- Rig Up BJ & Circulate, **1.5**-Cement Casing, **1.5**-Wait on Cmt, **1.5**- Run 1" down annulus & pump 50 sx Cmt to surface, **10.0**- WOC & wait on baseplate
REMARKS: Drill out guide shoe & pump down csg for 20 mins. TOH. Land shoe at 2360' & Rig up BJ & cmt casing w/ 635sx 50/50 Poz(12.6ppg) w/6%gel, 2% CaCl, 1/4pps cellaflake & 2#/sk Kolscal (ground rubber). Tail in w/175 sx Class G(15ppg) w/ 2% CaCl & 1/4pps cellaflake. Flush w/ 174 BW & Left 50' cmt in casing. No returns during cementing. Rig up 1" tbg & pump 50 sx Class G (15ppg) w/ 3% CaCl down backside. Cement to surface. WOC. Prep to weld on wellhead & baseplate. Hauled 19 loads water to pits (1800 bbls).
Daily Cost: **\$2,660** To-Date Cum. Cost: **\$86,075**

1/20/97 TD: 2394'; (Day 9)

(Mon) Progress: 0'; Present Oper: **PREP TO CEMENT** ; Formation: LIME; Hourly Summary: **1.0**- WOC, **9.0**-Cut off conductor pipe and 9-5/8" csg., weld on, **5.0**-NUBOP, **2.5**-TIH, **2.0**-Wash to 2387' , **1.5**-TOH, **0.5**-TIH open ended to cement shoe, **2.5**- Rig up BJ and WOO
REMARKS: Drill out wiper plug at shoe. Washed down to 2375' w/ good circulation-no air. Lost returns at 2375'. 900 psi, standpipe pressure. Washed to 2387' and circulate. Lost estimated 600 bbls., POH and lay down bit, RIH open ended. Prep to pump air down 9-5/8" csg. to displace fluid in hole. Hauled 21 loads water.
Daily Cost: **\$2,700** To-Date Cum. Cost: **\$88,775**

RANGELAND PETROLEUM

CORPORATION

TEASDALE Well #1 , Continued
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1/21/97 TD: 2394' : (Day 10)

(Tues) Progress: 0'; Present Oper: **TIH** ; Formation: LIME; BIT #4: 8 3/4" Reed HPSIA Jets: 3/14; IN @ 2394' WOB; RPM; ROP; Cum Hrs.; BHA: Bit, 6-1/2" MM, 17 6-1/4" DC, 3- HWDP (641.5'); MW: Wtr; Visc.-; PV.-; YP.-; PH; Pump#1: 6x16, SPM.; AIR: none; Press.; Hourly Summary: **2.0**-Displace hole w/air & pump 225 sks cmt, **1.0**-TOH, **10.5** -WOC, **3.0**-TIH, tag top of cmt at 2115', break circ. & TOH, **6.5**-WOC, **1.0**-TIH w/ bit

REMARKS: Pump 1900 cfm air down 9-5/8" csg while pumping 34 bbls. cement down 4-1/2" DP. Shut off air & pump 10 bbls. cement & open bypass to bleed pressure off casing. Pump 10 bbls. cement & 6 bbls. flush. Shut down & TOH w/ DP. Pumped total of 225 sks. Class G w/ 1% CaCl. Rig down BJ & WOC 12 hrs., RIH & tag top of cement at 2115', WOC 6.5 hrs. RIH w/ bit & BHA & prep to drill out. Call dozer to push snow off road. Road is sloppy as water truck slid off road & got stuck in snow bank. Hauled 19 loads water & mudlogger on standby last 3 days.

Daily Cost: **\$2,990**

To-Date Cum. Cost: **\$91,765**

1/22/97 TD: 2640' : (Day 11)

(Wed) Progress: 246'; Present Oper: **DRLG** ; Formation: LIME/SS ; BIT #4: 8 3/4" Reed HPSIA Jets: 3/14; IN @ 2394' WOB; RPM:20 (MM 112); ROP:49; Cum Hrs.; BHA: Bit, 6-1/2" MM, 17 6-1/4" DC, 3- HWDP (641.5'); MW: Water; Visc.-; PV.-; YP.-; PH; Pump#1: 6x16, SPM:52; Press:1000; Hourly Summary: **2.0**-Tag top of cement at 2115', cement soft., **7.5**-WOC, **2.0**-Drill soft cement to 2320', **0.50**-Test pipe rams to 1500psi, **1.5**-Strap out of hole, **0.50**-Test blind rams 1500psi, **1.0**- TIH, **4.0**-Drilled good cement to 2294', **5.0**- Drilled 2294'-2454' w/ water only, getting good returns. Drilled 2454' to 2640 w/1800 cfm air and used one cup of foamer with each drill pipe connection.-

REMARKS: Hauled 20 loads water to location, pit almost full

Daily Cost: **\$2,690**

To-Date Cum. Cost: **\$94,455**

1/23/97 TD: 3528' : (Day 12)

(Thurs) Progress: 888'; Present Oper: **DRLG W/ OUT RETURNS**; Formation: LIME/DOLO; BIT #4: 8 3/4" Reed HPSIA Jets: 3/14; OUT @ 3244' Bit #5: 7-7/8" Hughes AD446 Jets 3/14 In @ 3244'; WOB: 25-30; RPM:20 (MM N/A); ROP:55; Cum Hrs:15; BHA: Bit, 7- 7/8". MM, 17 6-1/4" DC, 3- HWDP; MW: Water; Visc.-; PV.-; YP.-; PH; Pump#1: 6x16, SPM:28; Press:350; Hourly Summary: **2.0**-Drill 2640' to 2753', aerate w/1200 cfm, **0.50**-Rig service and operate pipe rams, **8.5**-Drill 2753' to 3244' w/ out returns, **0.50**-WLS, **2.5**-Strap out of hole, **3.0**-Mix LCM pill and pump down hole, **1.5**- TIH, **5.5**-Drill 3244' to 3528'.

REMARKS: Surveys: 6-1/4 deg @ 3244'; Lost returns at 2753' at 8:00 a.m. Drilled w/out returns to 3244'. TOH and mixed 250 bbl. pill w/45 visc., 25 sks cedar fiber, 15 sks sawdust, 20 sks maxisaal, 20 sks nutshells, 20 shredded paper sacks and rope strands. Pump pill down hole and wait 30 minutes, flush w/ 150 bbls water. No pressure increase. TIH and continue drilling w/out returns, estimated top of fluid @ 2900'. Hauled 15 loads water, began hauling w/ two trucks @ 2:00 a.m.

Daily Cost: **\$3,190**

To-Date Cum. Cost: **\$97,645**

1/24/97 TD: 4268' : (Day 13)

(Fri) Progress: 740'; Present Oper: **TIH**; Formation: Cambrian Lynch; Bit #5: 7-7/8" Hughes AD446 Jets 3/14 In @ 3244'; WOB: 25-30; RPM:40 ROP:55; Cum Hrs:15; BHA: Bit, 7- 7/8". MM, 17 6-1/4" DC, 3- HWDP; MW: Water; Visc.-; PV.-; YP.-; PH; Pump#1: 6x16, SPM:28; Press: 350; Hourly Summary: **2.0**-Drill 3528' to 3646, **5.0**-Drill 3646' to 3833', **0.50**-WLS, **9.0**-Drill 3833' to 4266', **4.0**-TOH and try to unplug motor, **2.5**-LD mud motor and prepare to stiff foam, **1.0**- TIH.

REMARKS: Surveys: 6- deg @ 3833', 4-1/2 deg @ 4266'; Drilled from 3528' to 4268' without returns. Plugged mud motor w/walnut hulls from pre-mix tank. TOH and laid down mud motor. TIH and prepare to stiff foam to try to get circulation. Lincoln hauled 21 loads, Dalbo hauled 20 loads.

Daily Cost: **\$3,590**

To-Date Cum. Cost: **\$101,235**

RANGELAND PETROLEUM

CORPORATION

TEASDALE Well #1 , *Continued*

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1/25/97 TD: 4856' ; (Day 14)

(Sat) Progress: 588'; Present Oper: **DRLG**; Formation: Cambrian(no returns); Bit #5: 7-7/8" Hughes ATJ446 Jets 3/14 In @ 3244'; WOB: 40; RPM:60 ROP:30 fph; Cum Hrs:40; BHA: Bit, 17 6-1/4" DC, 3- HWDP; MW: Foam; Visc:-; PV:-; YP:-; PH: ; Mist Pump Only, SPM: : Press: : Hourly Summary: **2.0-TIH, 2.5-Mix & Pump stiff foam, 0.50-Ream 4176' to 4266', 17.0-Drill 4266' to 4807', 0.5-Rig Service, 1.5-Drill 4807' to 4856**

REMARKS: Mix 20 gals foamer, 5 gals DC305 w/ 25 bbls 40vis mud in mist tank & inject down drill string @ 8 bph & 1100-1400cfm air. Drilled w/ no returns on stiff foam. Stand pipe pressure @ 300-500 psi. Hauled 31 loads wtr to reserve pit. Surveys: None

Daily Cost: \$3,410 To-Date Cum. Cost: \$104,645

1/26/97 TD: 5655' ; (Day 15)

(Sun) Progress: 799'; Present Oper: **DRLG**; Formation: Cambrian?(no returns); Bit #5: 7-7/8" Hughes ATJ446 Jets 3/14 In @ 3244', Out @ 5052'; Cum Hrs:46.5; Bit #6: 7-7/8" Hughes ATJ446 Jets 3/18 WOB: 30; RPM:70/110; ROP:50 fph;; BHA: Bit#6,MM, 17 6-1/4" DC, 3- HWDP; MW: 8.5; Visc:42; PV:12; YP:8; PH:11.5; Pump #1: 6X16", SPM:28; Press:250-350#; Hourly Summary: **2.0-Drill 4856' to 4897', 4.5-Drill 4897' to 5052', 2.5-TOH, 0.5-Rig Service, 2.0-PU Mud Motor & TIH, 3.5-Drill 5052' to 5195', 0.5-WL Survey, 8.5-Drill 5195' to 5655'**

REMARKS: Mud up @ 5052'. Pump 4.4 bpm 40+ vis mud & 2000cfm air. No returns. Rigup H₂S monitors @ shaker & rig floor. Continue hauling wtr to reserve pit. Surveys: 1 deg @5195'

Daily Cost: \$4,150 To-Date Cum. Cost: \$108,795

1/27/97 TD: 6093' ; (Day 16)

(Mon) Progress: 438'; Present Oper: **MAKE UP TEST TOOLS**; Formation: Sandstone; Bit #6: 7-7/8" Hughes ATJ446 Jets 3/18 WOB: 30; RPM:70/110; ROP:62 fph; BHA: Bit,MM, 17 6-1/4" DC, 3- HWDP; MW: 8.5; Visc: 42; PV: 12; YP: 8; PH: 11.5; Pump #1: 6X16", SPM:28; Press:250-350#; Hourly Summary: **2.0-Drill 5655' to 6093', 0.5-WL Survey, 1.0-Short trip, 12 stands, no fill, 1.0- Circ w/ a 40 vis mud, spot 100 bbls. (80 vis mud on bottom), 3.0-Chain & strap out of hole. Lay down motor. (strap 6096'). 1.0- RU loggers, 6.0- Run E-logs, 3.0- WO DST tools, 1.0- Make up test tools.**

REMARKS: TD well at 6093' at 1 pm 1/26/97. Condition hole & run CNL-FDC, DIL, ML. Could not get DIL below 6063'. Prepare to run DST#1 from 5950' to 6096'. (Should have tool out of hole approx. 7 pm)

Daily Cost: \$483,760 To-Date Cum. Cost: \$592,555

1/28/97 TD: 6096' ; (Day 17)

(Tues) Progress: 0'; Present Oper: **DST**; Formation: Sandstone; Hourly Summary: **3.5-TIH w/ test tool, tag fill @ 6033', 1.0-Work pipe from 6033' to 6063', 2.5-Chain out 25 stds & TOH, 1.0-LD test tools, 2.0-Pick up bit & TIH, tag fill @ 6021', 1.0-Ream & wash 6021' to 6096', 0.50- Circulate on bottom @ 4.4 bpm w/ 1100 cfm air, 1.0-Short trip, 12 stands, 2' fill on bottom, 1.0-Circulate on bottom w/ water & air, spot 100 bbls mud on btm w/ no air, 3.0-TOH, 1.0- Make up test tool, 2.5-TIH, 4.0-DST 5950' to 6096'.**

REMARKS: Running DST#1 from 5950' to 6096. Recoverd 60' GCM and 1022' SW in DP (40,000 ppm) sample chamber-.54 cf gas and .800 cc water (40,000 ppm) initial flow -227#, initial shut in-1098#, final flow-446#, final shut in-1124#

Daily Cost: \$14,540 To-Date Cum. Cost: \$607,095

1/29/97 TD: 6096' ; (Day 18)

(Wed) Progress: 0'; Present Oper: **DST #2**; Formation: Sandstone; Hourly Summary: **1.5-DST #1, 4.5- Pull tool free and TOH, 0.50-TIH w/ bit , 1.0-Cut drlg line, 2.0-TIH, 1.0-Hit tight spot @ 5940'. Ream and wash to bottom, 0.50-Circulate on bottom, 1.0-Short trip, 12 stands, no fill, 1.5-Pump 100 bbls of 40 vis mud on bottom, 3.0- TOH, 4.0-Pick up test tool and TIH, 3.5- DST**

REMARKS: NONE

Daily Cost: \$13,500 To-Date Cum. Cost: \$620,595

RANGELAND PETROLEUM CORPORATION

TEASDALE Well #1 , Continued
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1/28/97 TD: 6096' (Day 17)

(Tue) Progress: 0'; Present Oper: **DST**; Formation: Sandstone; Hourly Summary: **3.5**-TIH w/ test tool, tag fill @ 6033', **1.0**-Work pipe from 6033' to 6063', **2.5**-Chain out 25 stds & TOH, **1.0**-LD test tools, **2.0**-Pick up bit & TIH, tag fill @ 6021', **1.0**-Ream & wash 6021' to 6096', **0.50**- Circulate on bottom @ 4.4 bpm w/ 1100 cfm air, **1.0**-Short trip, 12 stands, 2' fill on bottom, **1.0**-Circulate on bottom w/ water & air, spot 100 bbls mud on btm w/ no air, **3.0**-TOH, **1.0**- Make up test tool, **2.5**-TIH, **4.0**-DST 5950' to 6096'.

REMARKS: Running DST#1 from 5950' to 6096. Recoverd 60' GCM and 1022' SW in DP (40,000 ppm) sample chamber-.54 ft³ gas and 800 cc water (40,000 ppm) initial flow -227#, initial shut in-1098#, final flow-446#, final shut in-1124#

Daily Cost: **\$14,540**

To-Date Cum. Cost: **\$607,095**

1/29/97 TD: 6096' (Day 18)

(Wed) Progress: 0'; Present Oper: **DST #2**; Formation: Sandstone; Hourly Summary: **1.5**-DST #1, **4.5**- Pull tool free & TOH, **0.50**-TIH w/ bit , **1.0**-Cut drlg line, **2.0**-TIH, **1.0**-Hit tight spot @ 5940'. Ream & wash to bottom, **0.50**-Circulate on bottom, **1.0**-Short trip, 12 stands, no fill, **1.5**-Pump 100 bbls of 40 vis mud on bottom, **3.0**- TOH, **4.0**-Pick up test tool & TIH, **3.5**- DST#2

REMARKS: NONE

Daily Cost: **\$13,500**

To-Date Cum. Cost: **\$620,595**

1/30/97 TD: 6096' (Day 19)

(Thu) Progress: 0'; Present Oper: **DST #2**; Formation: Sandstone; Hourly Summary: **2.0**-DST #2, **4.0**- Unseat packers, TOH w/ test tools. Rig down tester & release rig.

REMARKS: DST#2 from 5905' - 6096': Recovered 10ft drilling mud, 860ft salt water in drillpipe (40,000 ppm). Initial Flow 77-210# in 30 mins. Initial Shut-in: 1080# in 60 mins. Final Flow: 271-387# in 60 mins. Final Shut-In: 1101# in 3 hours. Sample Chamber: 1.07 ft³ gas, 1250cc salt water. No apparent hydrocarbons during Tapeats test. Recommend PXA of Tapeats well. Release rig to Conoco @ 12 noon 1/29/97. FINAL REPORT

Daily Cost: **\$2,000**

To-Date Cum. Cost: **\$622,595**

RANGELAND PETROLEUM
CORPORATION

Sec 16
T 30S
R 6E.

Wayne
County

January 18, 1997

Mr. Frank Matthews
State of Utah Oil & Gas Division
1594 West North Temple, Ste. 1210
Salt Lake City, UT 84114
(sent via FAX 1/18/96 801-359-3940)

43-055-30040

RE: Confidentiality of Teasdale Well #1
Wayne County, Utah
Rangeland Petroleum Corp.

CONFIDENTIAL

Mr. Matthews,

Thank you for your recent message regarding the procedures required to maintain the subject well in confidence. We do hereby request that the information supplied to you regarding the Teasdale #1 be kept confidential for the present time. Thank you again for your assistance.

Respectfully,



Michael J. Daniel
Vice-President

CONFIDENTIAL

43-055-30040

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ML - 46342

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian Allottee or Tribe Name:

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: _____

8. Well Name and Number:

Teasdale, Well #1

2. Name of Operator:
Conoco Inc.

9. API Well Number:

43-055-30040

3. Address and Telephone Number:
10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424

10. Field and Pool or Wildcat:

Wildcat

4. Location of Well

Footages: 540' FNL & 660' FWL

County: Wayne

QQ, Sec. T. R. M NW/NW, Sec. 16, T 30S, R 6E,

State Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input checked="" type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start 1-30-97

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report

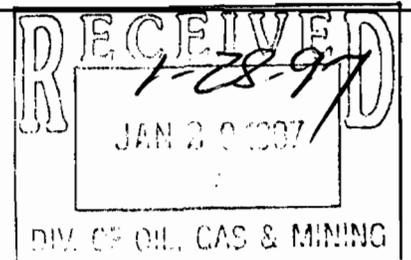
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

See attached 10 Point plan for Deepening the above well from 6096' to 8700'.

13. Name & Signature: Bill R. Keathly Title Sr Regulatory Specialist Date 1-28-97
Bill R, Keathly

(This space for State use only)

Matthew Petroleum Engineer



Dist, State(3), BRK, TJK, Ponca, File Rm.

DRILLING PLAN - Teasedale #1

1. **Location:** Section 16, R6E, T30S 540' FNL & 660' FWL
2. **Present Status:** Operator - Rangeland
Present TD - 6096'
Present Hole Size - 7-7/8"
Last Casing Point - 9-5/8", 36 ppf, K-55, new casing set @ 2360'
Cement - Cemented with 635 sx 50/50 Poz and 175 sx G neat. Top out job 50 sx G neat. Cmt to surface
3. **Geological Marker Tops:** (RKB: 7892' est.)

Formation	Drilled Depth (RKB)	Datum	Estimated Pressure	Fluid / Mineral
Ground Level	0.00	+7882		
RKB	+10.00	+7892		
Sixtymile Redbeds	6052	+1840	Normal to subnormal	
Walcott	6252	+1640	"Ditto"	
Awatubi	7092	+800	"Ditto"	
Carbon Butte	8322	-430	"Ditto"	Oil / Gas
Duppa	8572	-680	"Ditto"	
TD	8700	-808	"Ditto"	

4. **Casing Program:** (all new):

Depth	Size	Weight	Grade	Thread	Collapse	Burst	Tension
0 - 2630'	9-5/8"	36#	K-55	LTC	2020	3520	423,000
0 - 8700'	5-1/2"	15.5#	K-55	LTC	4040	4810	239,000

5. **Cementing Program:**

Casing	Coverage	Slurry	Weight (#/gal)	Volume	Type & Additives
Surface	0 - 1860'	Lead	12.1	635sx	50:50 Poz (50% Poz:50% Class G + 2%CACL2 + .25#/sx cello flake + 2 #/sx Kolscal + 6% Gel
	1860 - 2360'	Tail	15.6	175sx	Class G + 2%CACL2 + .25#/sx cello flake
Prod	5300-8700'	Tail	16.2	700sx cuft	Class H + 3#/sx gilsonite + .25#/sx cello flake + .5% FL-62

Note: 1. Actual Cement Volumes will be calculated from caliper logs.

6. **Pressure Control Equipment:**

- A. BOP: 3000 psi w.p. Double ram blowout preventer with appropriate extension handwheels to 8700'. The pipe rams will be on top and blind rams on the bottom.
- B. A function test and visual inspection of the BOP will be performed daily.
- C. BOP equipment will be tested at least every 14 days. The BOP and casing test will conform to Onshore order No. 2.

7. **Auxiliary Equipment:**

- A. Kelly cock
- B. Drill pipe float
- C. Visual monitoring of the mud system.
- D. Rotating head

8. **Variance Request:**

- A. Conoco request a variance from the requirement to use a straight run blooie line. Where possible a straight blooie line will be used. Where it is not possible, any tees or ells in the lines will be targeted.

9. **Drilling Fluids Program:**

Interval	Mud Type	Density (lb/gal)	Funnel Viscosity (Sec/Qt)	Water Loss
6092-8700'	Gel/Lime / Aerated Mud	8.5-8.8	28 - 50	20 cc

10. **Testing, Logging and Coring:**

- A. Logging - Open hole:
 - DIL/GR/Sonic/LDT/CNL from TD to 6092'
 - Dipmeter - 5480 to TD
 - Rotary Sidewall Cores - As per Geologist
- B. No Cores planned
- C. Possible DST in the Carbon Butte Sandstone
- D. Final determination of the completion interval will be made by analysis of logs.
- E.. Directional control shall be maintained by running a drift shot survey after every 1,000' of drilling.

11. **Abnormal Pressure or Temperatures: Potential Hazards.**

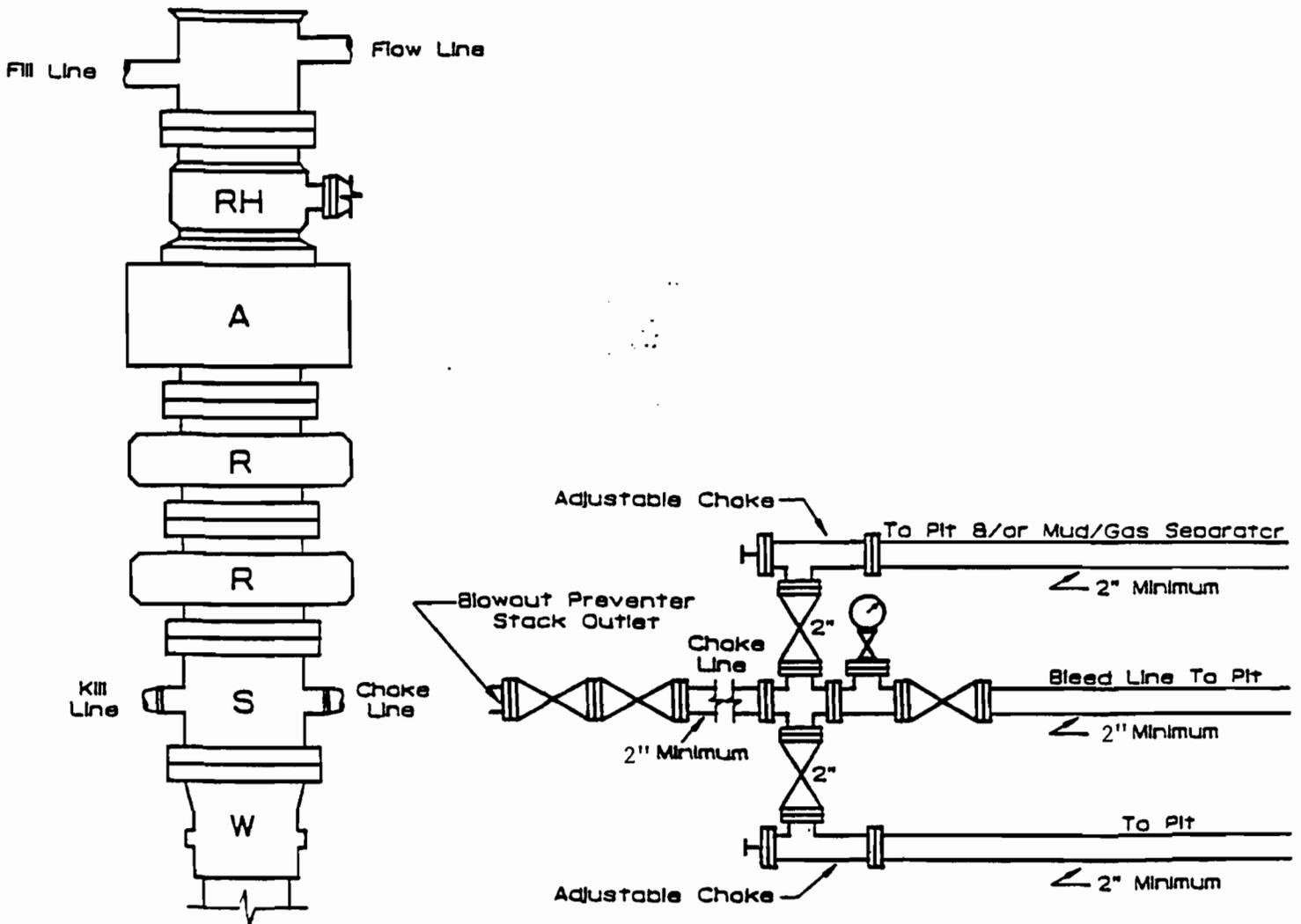
- A. Lost circulation is possible throughout wellbore.

12. **Additional Information:**

It is Conoco's intention to bury the cuttings on location once the pit has evaporated naturally.



DOUBLE RAM TYPE PREVENTERS WITH ROTATING HEAD (3000 psi System)



Minimum BOP Stack	<u>3000</u> psi Working Pressure
One Pipe Ram	<u>3000</u> psi Working Pressure
One Blind Ram	<u>3000</u> psi Working Pressure
One Annular	<u>3000</u> psi Working Pressure
Well Head	<u>3000</u> psi Working Pressure
Manifold	<u>3000</u> psi Working Pressure
Rotating Head	<u>500</u> psi Working Pressure

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-DEC
2-GLH	7-KDR-Filer
3-DTS	8-SP-Conf.
4-VLD	9-FILE
5-RIF	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-28-97

TO: (new operator) (address) <u>CONOCO INC</u> <u>10 DESTA DR STE 100W</u> <u>MIDLAND TX 79705-4500</u> Phone: <u>(915)686-5424</u> Account no. <u>N0260</u>	FROM: (old operator) (address) <u>RANGELAND PETROLEUM CORP</u> <u>210 N MAIN ST</u> <u>MIDLAND TX 79701</u> Phone: <u>(915)686-8983</u> Account no. <u>N8690</u>
--	--

WELL(S) attach additional page if needed:

Name: <u>TEASDALE 1/DRL</u>	API: <u>43-055-30040</u>	Entity: <u>99999</u>	S <u>16</u>	T <u>30S</u>	R <u>6E</u>	Lease: <u>ML46342</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 1-29-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 1-29-97)*
- NA 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- NA 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Yec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(2-3-97)*
- Yec 6. **Cardex** file has been updated for each well listed above. *(2-3-97)*
- Yec 7. Well **file labels** have been updated for each well listed above. *(2-3-97)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(2-3-97)*
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 2/7 19 97

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Rangeland Petroleum Corp (N8690)

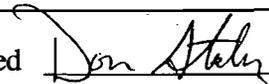
New Operator: Conoco Inc. (N0260)

Well(s):	API:	Entity:	S-T-R:	Lease:
Teasdale 1	43-055-30040	12062	16-30S-6E	ML46342

(Note: well is in drilling status)

cc: Operator File

Signed



REPLY

Date _____ 19 _____

Signed _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: ML - 46342
2. Name of Operator: Conoco Inc.		6. If Indian Allottee or Tribe Name:
3. Address and Telephone Number: 10Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424		7. Unit Agreement Name:
4. Location of Well Footages: 540' FNL & 660' FWL QQ, Sec. T. R. M NW/NW, Sec. 16, T 30S, R 6E,		8. Well Name and Number: Teasdale, Well #1
		9. API Well Number: 43-055-30040
		10. Field and Pool or Wildcat: Wildcat
		County: Wayne State: Utah

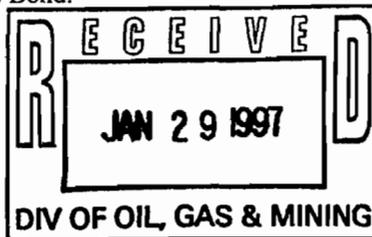
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change Operator</u>	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Conoco Inc. will take over as Operator, of the above listed well from Rangeland Petroleum Corporation effective Jan 28, 1997, in order to complete the well from 6092' to a new TD of 8,700'.

Conoco hereby assumes full responsibility for compliance with the terms and conditions of the lease for operations conducted upon the leased lands. Bond coverage is provided under Conoco's Utah Statewide Bond.



13. Name & Signature: Bill R. Keathly Title Sr Regulatory Specialist Date 1-28-97
Bill R, Keathly

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: ML - 46342
2. Name of Operator: Rangeland Petroleum Corporation		6. If Indian Allottee or Tribe Name:
3. Address and Telephone Number: 210 North Main ST., Midland, Tx. 79701 (915) 686-8983		7. Unit Agreement Name:
4. Location of Well Footages: 540' FNL & 660' FWL QQ, Sec. T. R. M NW/NW, Sec. 16, T 30S, R 6E,		8. Well Name and Number: Teasdale, Well #1
		9. API Well Number: 43-055-30040
		10. Field and Pool or Wildcat: Wildcat
		County: Wayne
		State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change Operator</u>	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report

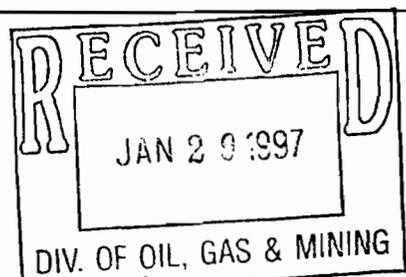
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Rangeland Petroleum Corporation will turn over Operatorship of the above listed well to Conoco Inc effective Jan 28, 1997, to allow for the drilling from the present TD of 6092' to a new TD of 8,700'.

Conoco agrees to assume the responsibility for the terms and conditions of the lease for operations conducted upon the leased lands.

13. Name & Signature: Michael J. Arnold Title Vice President Date 1/28/97

(This space for State use only)



OPERATOR CONOCO INC

OPERATOR ACCT. NO. N 0260

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12062	43-055-30040	TEASDALE 1	NWNW	16	30S	6E	WAYNE	12-14-96	
WELL 1 COMMENTS:											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOG M)

Signature

ADMIN. ANALYST

2-3-97

Title

Date

Phone No. ()

FEB-06-87 17:02 FROM: CORE AB

ID: 3072E 170



CORE LABORATORY

RANGELAND PETROLEUM CORPORATION

DATE: 02-06-97

JOB: 970132-1

TECH:

LOCATION: CASPER, WY.

305 06E 14

43-055-30040

WELL: TEASDALE #1

SAMPLING POINT: DST #1

FIELD:

SAMPLE TEMP:

FORMATION:

SAMPLE PRESSURE: 110 PSIG

COUNTY:

REMARKS: SCHLUMBERGER CYLINDER

STATE:

MEASURED @ 61 PSIG

DATE SAMPLED:

CHROMATOGRAPHIC ANALYSIS

	MOLE PERCENT	14.696 PSIA GPM
HYDROGEN SULFIDE	0.00	
CARBON DIOXIDE	64.46	
NITROGEN	34.45	
METHANE	0.00	
ETHANE	0.00	0.000
UNIDENTIFIED (APPROX.)	1.07	0.000
PROPANE	0.02	0.005
ISO-BUTANE	0.00	0.000
N-BUTANE	0.00	0.000
ISO-PENTANE	0.00	0.000
N-PENTANE	0.00	0.000
TOTALS	100.00	0.000

There was at least one unidentified constituent in the above sample. Normalized percentages, therefore, should be considered approximate.

The analysis results, samples or measurements contained in this report and those used in the analysis were obtained by the staff of Schlumberger Core Laboratories, Inc. Schlumberger Core Laboratories, Inc. makes no warranty or representation, express or implied, of the accuracy, completeness, or reliability of any of the data or other material, property, test or data in connection with which such report is used or relied upon for any purpose whatsoever. This report shall not be construed to constitute an offer of any service or product of Schlumberger Core Laboratories, Inc.

Lease No. ML - 46342
Lease & Well # Teasdale Well #1
Location: 540' FNL & 660' FWL, (NW/NW) Sec. 16, T 30S, R 6E
County: Wayne, Utah

Listing of Logs

6976-8700: Long Spaced Sonic, Dual Induction-Guard Spectral Density-Dual spaced Neutron, Microlog, Six Arm Dipmeter, Rotary Coring Tool.

100-6090': Dual Induction-Guard, Microlog, Spectral Den.-Dual Spaced Neutron

MUD LOG
SHIVA COMPUTATIONS 9X3X60

3/19/97

43-055-30040



210 N. Main Street
Midland, Texas 79701
Phone #: (915) 686-8983
FAX #: (915) 686-7911

FAX TRANSMISSION

Page: 1 of 1

To:

NAME	ALL WORKING INTEREST OWNERS	DATE AND TIME OF TRANSMISSION	2/7/97
COMPANY	TEASDALE #1	FAX NUMBER	N/A

From:

NAME	TERRY MICHAEL --- Rangeland Petroleum Corp.
------	---

Reference:

SUBJECT	TEASDALE #1
---------	-------------

Message:

WORKING INTEREST OWNERS:

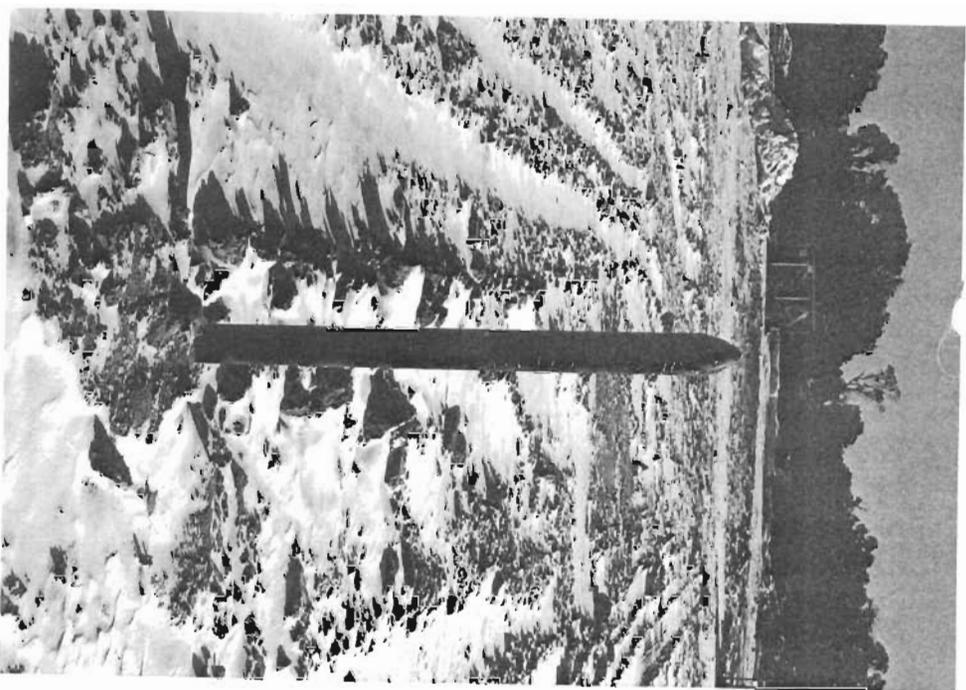
FOLLOWING IS A COPY OF THE GAS ANALYSIS OF GAS TAKEN FROM THE TAPEATS DRILL STEM TEST.

PLEASE CALL SHOULD YOU HAVE ANY QUESTIONS.

TERRY MICHAEL



If this transmission is received incomplete or illegible, please call 915/ 686-8983.



STOCK# 66A840-000
1-800-363-0333
50th Century Plastics

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ML - 46342

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian Allottee or Tribe Name:

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: _____

8. Well Name and Number:

Teasdale, Well #1

2. Name of Operator:

Conoco Inc.

9. API Well Number:

43-055-30040

3. Address and Telephone Number:

10Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424

10. Field and Pool or Wildcat:

Wildcat

4. Location of Well

Footages:

540' FNL & 660' FWL

County:

Wayne

QQ, Sec, T, R, M

NW/NW, Sec. 16, T 30S, R 6E

State

Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start

1-20-97

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Conversion to Injection
- Fracture Treat or Acidize
- Other Spud, set surface csg
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion

1-20-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Rangeland Petroleum spudded this well on 1-12-97. Drilled a 12 1/4" hole to a depth of 2394'. GIH W/ 56 jts 9 5/8" 36#, K-55 ST&C csg set @ 2360'. Shoe set @ 2360'. Lead slurry 635 sx 50/50 Poz + 6% gel + 2% CsCl2 + 1/4#/sx cellaflake + 2#/sx Kolscal. Tail slurry 175 sx Class 'g' cmt + 2% CaCl2 + 1/4#/sx cellaflake. Flush W/ 174 bbl water, left 50' cmt in csg, no returns. Rig up 1" tbg & pump 50 sx Class 'G' + 3% CaCl2 down backside, cement to surface. 1-22-97 continue drilling 7 7/8" hole, to a total depth of 6096', shut down drilling and turn over operation to Conoco Inc. on 1-28-97, to complete to a depth of 8700'.

13.

Name & Signature

Bill R. Keathly
Bill R, Keathly

Title Sr Regulatory Specialist

Date 3-4-97

(This space for State use only)

Dist; State(3), BRK, TJK, Ponca, File Rm.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ML - 46342

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian Allottee or Tribe Name:

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: _____

8. Well Name and Number:

Teasdale, Well #1

2. Name of Operator:

Conoco Inc.

9. API Well Number:

43-055-30040

3. Address and Telephone Number:

10Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424

10. Field and Pool or Wildcat:

Wildcat

4. Location of Well

Footages:

540' FNL & 660' FWL

County:

Wayne

QQ, Sec. T. R. M

NW/NW, Sec. 16, T 30S, R 6E

State

Utah

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Conversion to Injection
- Fracture Treat or Acidize
- Other Drill to TD
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 2-9-97

Approximate date work will start _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

1-30-97 Conoco Inc assumed operations of this well. Continue drilling 7 7/8" hole from 6096' to 8700'. Total depth reached on 2-7-97.

Received verbal approval from Gil Hunt with the State of Utah Division of Oil, Gas & Mining to plug and abandon well.

Rig up BJ, pump 150 sx Class 'G' balanced plug from 5705' to 6205', POOH. GIH set 9 5/8" cement retainer @ 2308'. Sting in retainer pump 170 sx Class 'G' cmt, 100# psi during squeeze, sting out leave 2 bbl slurry on top of retainer. Spot 20 sx class 'G' cmt from 60' to surface, good plug. Well is plugged and abandoned.

2-9-97 released rig @ 6 am.

13.

Name & Signature:

Bill R. Keathly
Bill R. Keathly

Title Sr Regulatory Specialist

Date 3-4-97

(This space for State use only)

Dist; State(3), BRK, TJK, Ponca, File Rm.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						3. LEASE DESIGNATION AND SERIAL NO. ML - 46342			
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____ b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						4. IF INDIAN, ALLOTTEE OR TRIBE NAME			
						7. UNIT AGREEMENT NAME			
2. NAME OF OPERATOR Conoco Inc.						8. FARM OR LEASE NAME Teasdale			
3. ADDRESS OF OPERATOR 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500						9. WELL NO. 1			
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements) At surface 540' FNL & 660' FWL At top prod. interval reported below _____ At total depth _____						10. FIELD AND POOL, OR WILDCAT Wildcat			
9 MILES SE OF TORREY						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/NW Sec. 16, T 30S, R 6E			
						12. COUNTY Wayne			
14. API NO. 43-055-30040						13. STATE Utah			
15. DATE SPUNDED 1-12-97		16. DATE T.D. REACHED 2-7-97		17. DATE COMPL. (Ready to prod.) 2-9-97 (Plug & Abd.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) KB 7895'			
20. TOTAL DEPTH, MD & TVD 8700		21. PLUG BACK T.D., MD & TVD 8700		22. IF MULTIPLE COMPL. HOW MANY 1		23. INTERVALS DRILLED BY X			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None						25. WAS DIRECTIONAL SURVEY MADE 5750-8691			
26. TYPE ELECTRIC AND OTHER LOGS RUN See attached list						27. WAS WELL CORED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> See Reverse Side			
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE			
16				40'		20"			
9 5/8		36		2360'		12 1/4"			
						860 SX			
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT			
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
NONE CONFIDENTIAL						DEPTH INTERVAL (MD)			
						5705-6205		AMOUNT AND KIND OF MATERIAL USED	
						CR @ 2308'		150sx Class 'G' balanced plug	
						60' to surface		170sx Class 'G' squeeze W 2 bbl cmt on top of cmt retainer	
				20 sx Class 'G' cmt.					
33. PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in) Dry Hole			
DATE OF TEST		HOURS TESTED		CHOKER SIZE		PROD'N FOR TEST PERIOD			
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Logs & Pimeter									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNATURE Bill R. Keathly		TITLE Sr. Regulatory Specialist				DATE 3-17-97			

See Spaces for Additional Data on Reverse Side

I NSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time all logs, tests and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18. Indicate which elevation IS used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion) so state in item 22 and in item 24 show the producing interval or intervals top(s) bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form adequately identified for each additional interval to be separately produced showing the additional data pertinent to such interval.

ITEM 29: Sacks Cement : Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY of POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests including depth interval tested cushion used time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS						
Formation	Top	Bottom	Description, contents, etc.	Name	Top					
					Meas. Depth	True Vert. Depth				
Topeats (DST1)	5950	6096	IOP 30" ISI 60", FOP 60", FSI 180", HP 1163-1123, IFP 76-227, SIP 1098-1123, FF-P: 311-446. Pipe rec, 9' mud, 951' water (40,000 ppm chlorides). Splr: 0.54 CFG @ 110 psig, 1800 cc water (40,000 ppm chlorides) Gas = 64.46% CO2, 34.45% N2, 1.07 unidentified	Low Moenkop	110	110				
				Kaibob	171	171				
				White Rim	243	243				
				Organ Rock	1530	1530				
				Hermosa	1643	1643				
				Molas	2420	2420				
				Redwall	2498	2498				
				Ouray	3394	3394				
				Aneth	3687	3687				
				Lynch	3693	3693				
				Bowman	4395	4395				
				MaxField	4830	4830				
				Mauv	5070	5070				
Tapeats (DST2)	5905	6090	IOP 30", ISI 60", FOP 60", FSI 180", HP 1606-830, IFP 77-210, SIP 1080-1100, FFP 271-387. Pipe rec: 10' mud, 860' water (40,000 ppm chlorides). Splr: .07 CFC @280 psig, 1250 cc water (40,000 ppm chlorides).	Bright Argel	5481	5481				
				Tapeats	5855	5855				
				Granite	6052	6055				
				Granite (DST)	8069	8700	IOP 15", ISI 33", FOP 90", FSI 180", HP 2099-2081, IFP 287-505, SIP 2003-2029, FFP 541-1086. Pipe rec: 558', 8 bbl water cut mud, 1951' 22.5 bbl saltwater (23,000 ppm chlorides). Splr: 100 cc mud, 2050 cc saltwater (48,000 ppm chlorides). (Pit chlorides = 1,250 ppm) Sidewall cores: Tapeats: 5858, 5872, 5889, 5910, 5924, 5933, 5981, 5993, 6031. Granite: 7027, 8179, 8186, 8196, 8203, 8221, 8390, 8590.			

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: ML-46342
		6. If Indian, Aliottee or Tribe Name: N/A
<small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small>		7. Unit Agreement Name: N/A
		8. Well Name and Number: Teasdale #1
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:		9. API Well Number: 43-055-30040
2. Name of Operator: Rangeland Petroleum Corporation		10. Field and Pool, or Wildcat: Wildcat
3. Address and Telephone Number: 210 N. Main Street, Midland, Texas 79701-- 915/686-8983		
4. Location of Well Footage: 540' FNL & 660' FWL County: Garfield OO, Sec., T., R., M.: NWNW Sec 16-30S-6E State: Utah		

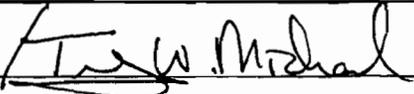
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT <small>(Submit in Duplicate)</small>	SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other <u>Request for bond release</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>N/A</u>
	<small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.</small>

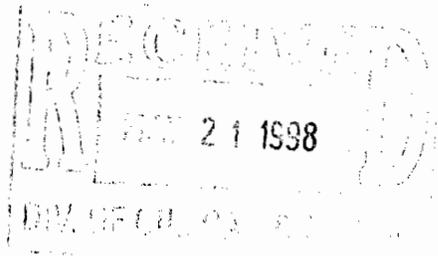
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Teasdale #1 was drilled to a depth of 6096' by Rangeland Petroleum. Conoco assumed operations of the well on 1/29/97 and drilled the well to a depth of 8700'. Conoco plugged the well as a dry hole on 2/9/97. It is our understanding that Conoco completed the location restoration in April of 1997.

Rangeland hereby requests a release of its well bond for the Teasdale #1. Conoco's statewide bond will cover any future operations since Conoco has replaced Rangeland as Operator.

13. Name & Signature: Terry W. Michael  Title: President Date: 5/15/98

(This space for State use only)



TRANSACTION REPORT

JUN-10-98 TUE 02:44 PM

P. 01

SEND(M)

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JUN-10	02:41 PM	3550922	3' 07"	6	SEND	(M) CANCEL	135	
TOTAL						3M 7S PAGES:	6	



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: JUNE 10, 1998

FAX#: 355-0922

ATTN: ED BONNER

COMPANY: SITLA

DEPARTMENT: _____

NUMBER OF PAGES (INCLUDING THIS ONE) 6

From: LISHA CORDOVA

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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UTAH DIVISION OF OIL, GAS AND MINING
 FACSIMILE COVER SHEET

DATE: JUNE 10, 1998
 FAX#: 355-0922
 ATTN: ED BONNER
 COMPANY: SITLA
 DEPARTMENT:
 NUMBER OF PAGES (INCLUDING THIS ONE) XL
 From: LISHA CORDOVA

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.

We are sending from a sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGES:

*OPERATOR REQUEST FOR BOND RELEASE; I HAVE NOTIFIED RANGELAND PETRO. CORP.
 THAT THEIR REQUEST FOR BOND RELEASE WAS BEING SENT TO SITLA. (SEE ATTACHED)

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

TEASDALE #1
Sec. 16, T30S, R6E
43-055-30040



7/30/98

COMPANY: CONOCO - RAMO-ELAND

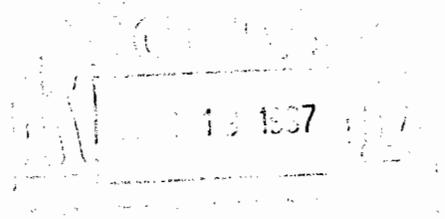
WELL: NO. 1 Teasdale

AREA: WILDCAT FIELD, WAYNE COUNTY, UTAH

TEST: DST #3 48-055-30040
UWW

DATE: FEBRUARY 7TH, 1997
DRL
sec 16, T30S, R6E





COMPANY: CONOCO - RANGELAND
WELL: NO. 1 Teasdale
AREA: WILDCAT FIELD, WAYNE COUNTY, UTAH
TEST: DST #3 48-055-30040
UWW
DRL
DATE: FEBRUARY 7TH, 1997
SEC 16, -30S, R.E

HALLIBURTON
RESERVOIR
SERVICES

REPORT TICKET NO: 134229
MEMORY GAUGE TICKET NO: 134229
DATE: 07 02 97
HALLIBURTON CAMP: CASPER
TESTER: TOM EATON
WITNESS: CRESS DEBUSK

DRILLING CONTRACTOR: EXETER DRILLING
LEGAL LOCATION: SEC.16T.30SR.6E

OPERATOR: CONOCO
LEASE NAME: TEASDALE
WELL NO: 1
TEST NO: 3
TESTED INTERVAL: 8069.30 - 8700.00 ft

FIELD AREA: WILDCAT
COUNTY/LSD: WAYNE
STATE/PROVINCE: UTAH
COUNTRY: USA

NOTICE: THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON HALLIBURTON MAKES NO WARRANTY, EXPRESS OR IMPLIED AS TO THE ACCURACY OF THE DATA OR OF ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE ARISING OUT OF OR IN CONNECTION WITH SUCH DATA, CALCULATIONS OR OPINIONS.

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SECTION 1: TEST SUMMARY & INFORMATION

Summary of Test Results	1.1
Test Period Summary	1.2
Pressure vs. Time Plot	1.3
Test and Formation Data	1.4
Rate History Table	1.5
Tool String Configuration	1.6
Operator Job Log	1.7

SECTION 3: MEMORY GAUGE DATA

Gauge No. 76599	3.1
-----------------	-----

Date: 07 02 97

Ticket No: 134229

Page No: 1.1

SUMMARY OF TEST

Lease Owner: CONOCO

Lease Name: TEASDALE

Well No.: 1

Test No.: 3

County/LSD: WAYNE

State/Province: UTAH

Country: USA

Formation Tested: PRECAMB. GRAN.

Hole Temp: 105.00 F

Total Depth: 8700.00 ft

Net Pay: 64.00 ft

Gross Tested Interval: 8069.30 - 8700.00 ft

Perforated Interval (ft):

RECOVERY:

2509 FT. (30.5 BBLs) OF TOTAL FLUID RECOVERED
558 FT. (8 BBLs) OF MUD CUT WITH WATER
1951 FT. (22.5 BBLs) OF FORMATION FLUID

REMARKS:

COULD NOT LOAD HOLE, BECAUSE OF A LOSS ZONE. COULD NOT SEE
FLUID ON ANNULUS DURING TEST.

TEST PERIOD SUMMARY

Gauge No.: 76599 Depth: 8044.90 ft Blanked off: No

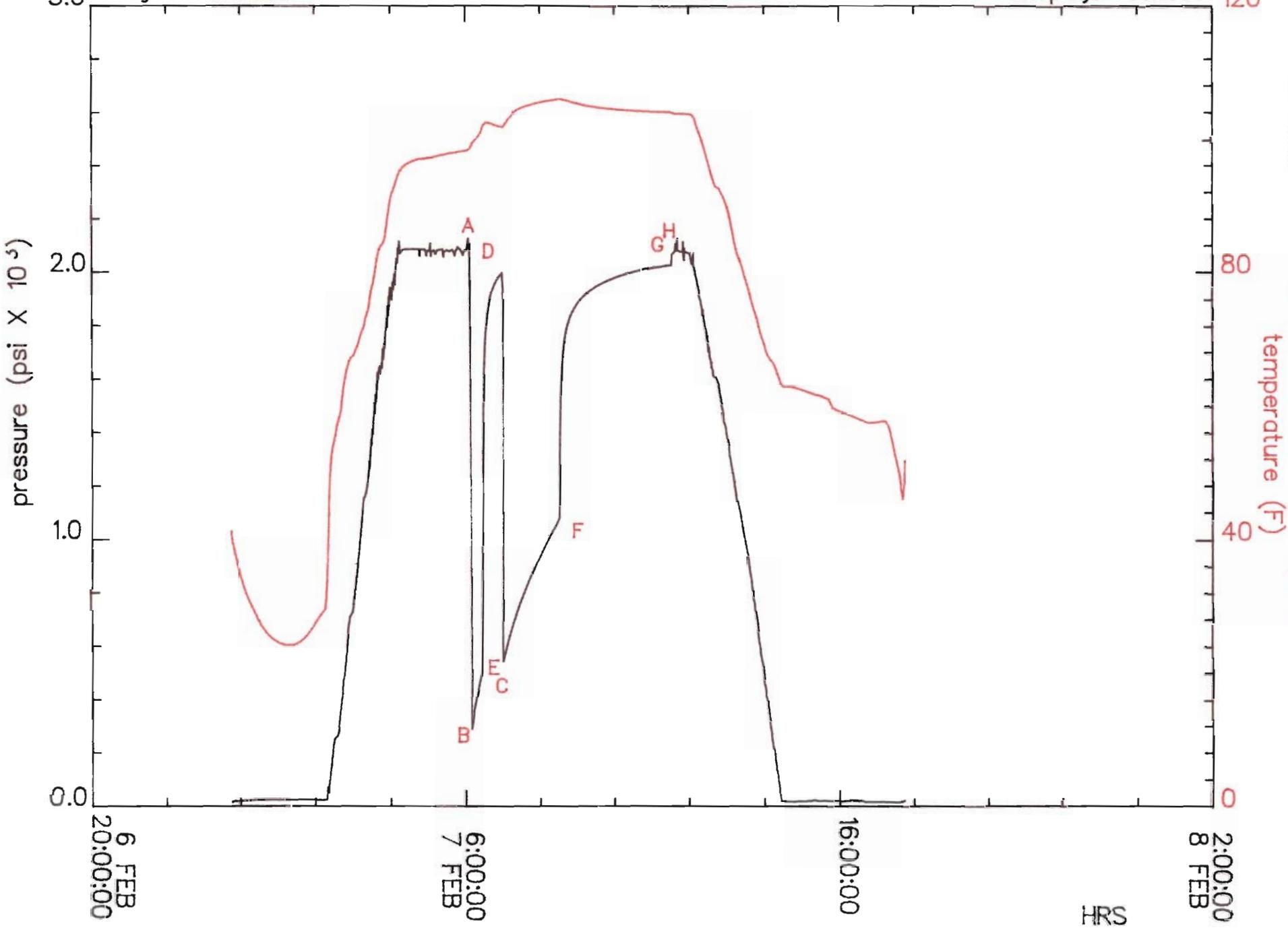
ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	2099.48	
B	1	Start Draw-down	286.73	
C		End Draw-down	504.56	15.48
C	2	Start Build-up	504.56	
D		End Build-up	2002.95	33.30
E	3	Start Draw-down	540.96	
F		End Draw-down	1086.29	90.36
F	4	Start Build-up	1086.29	
G		End Build-up	2028.61	181.80
H		Final Hydrostatic	2080.51	

NOTE: for Pressure vs. Time Plot, see next page.

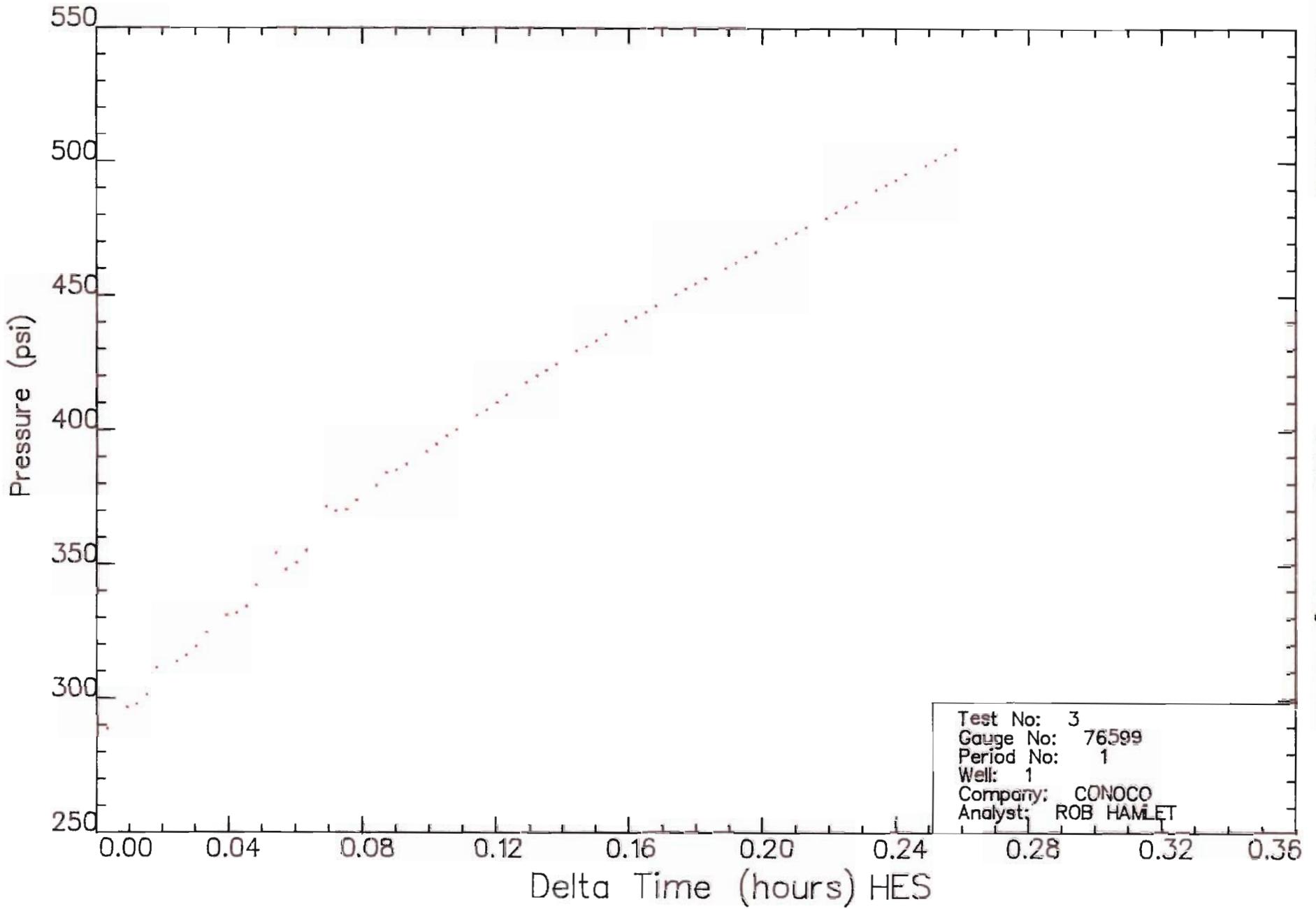
Pressure/Temperature History

Test No: 3
Gauge No: 76599
Well No: 1
Company: CONOCO

Date: 07 02 97
Ticket No: 134229
Page No: 1.3

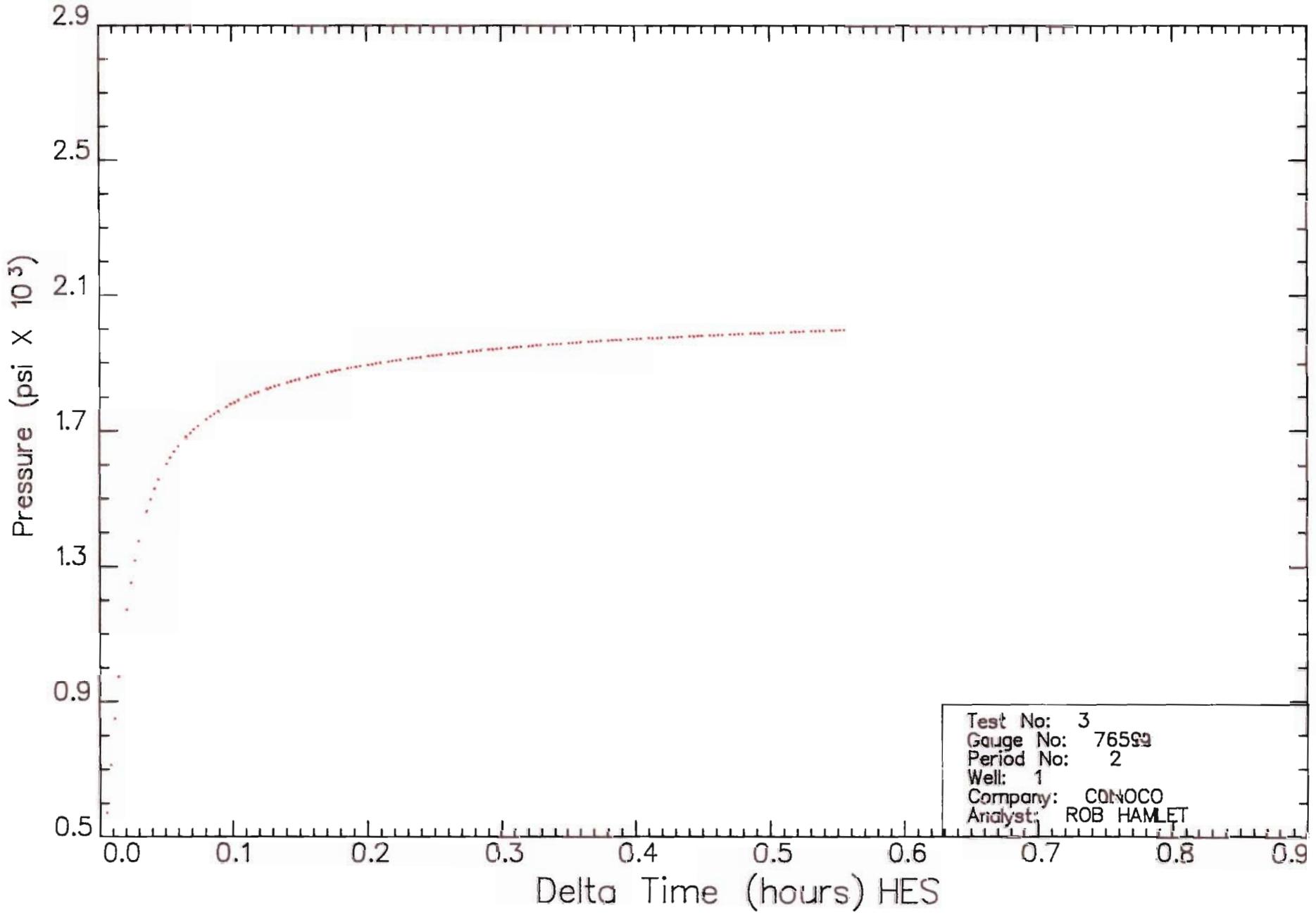


Pressure Vs Delta Time



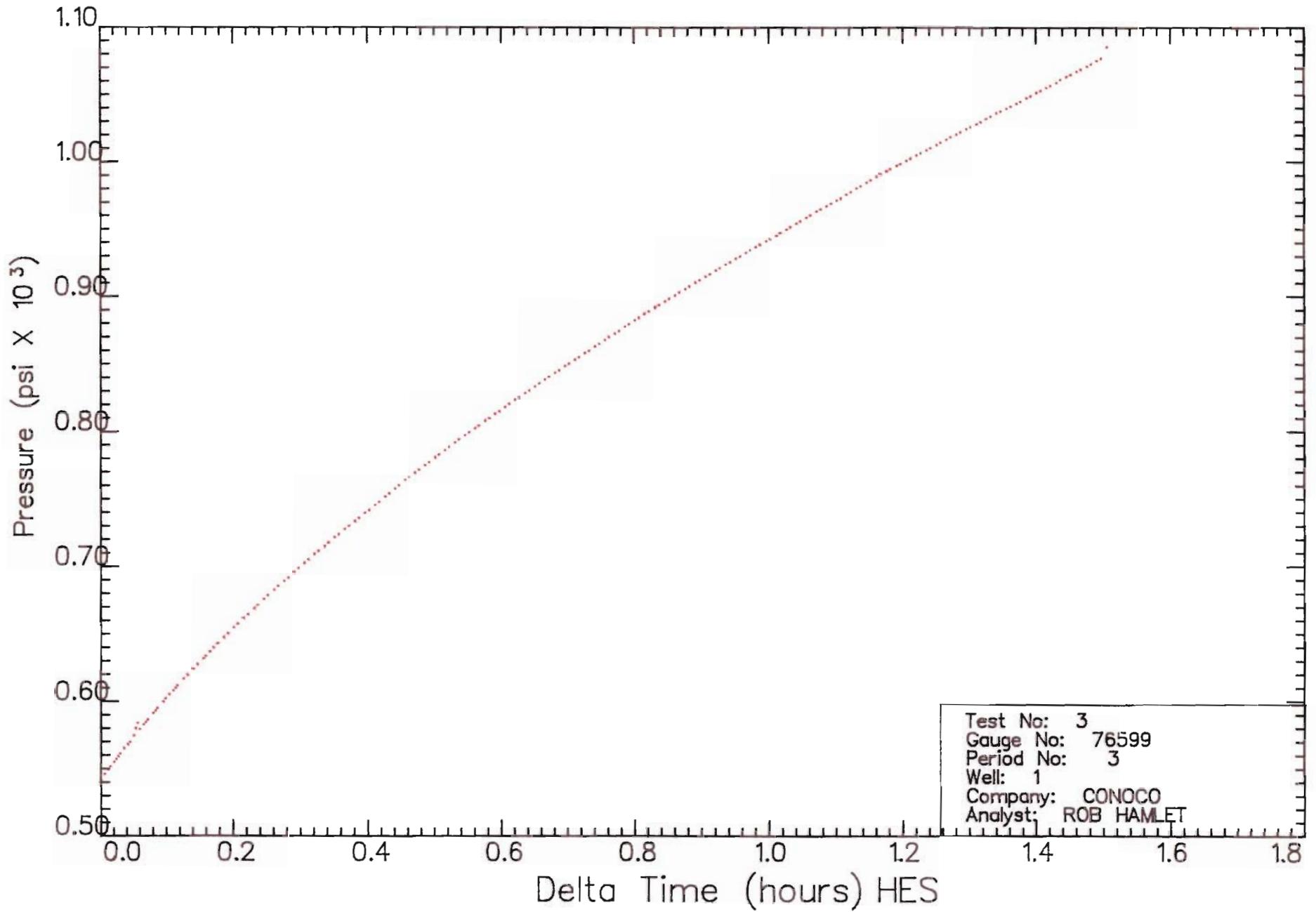
Test No: 3
Gauge No: 76599
Period No: 1
Well: 1
Company: CONOCO
Analyst: ROB HAMLET

Pressure Vs Delta Time



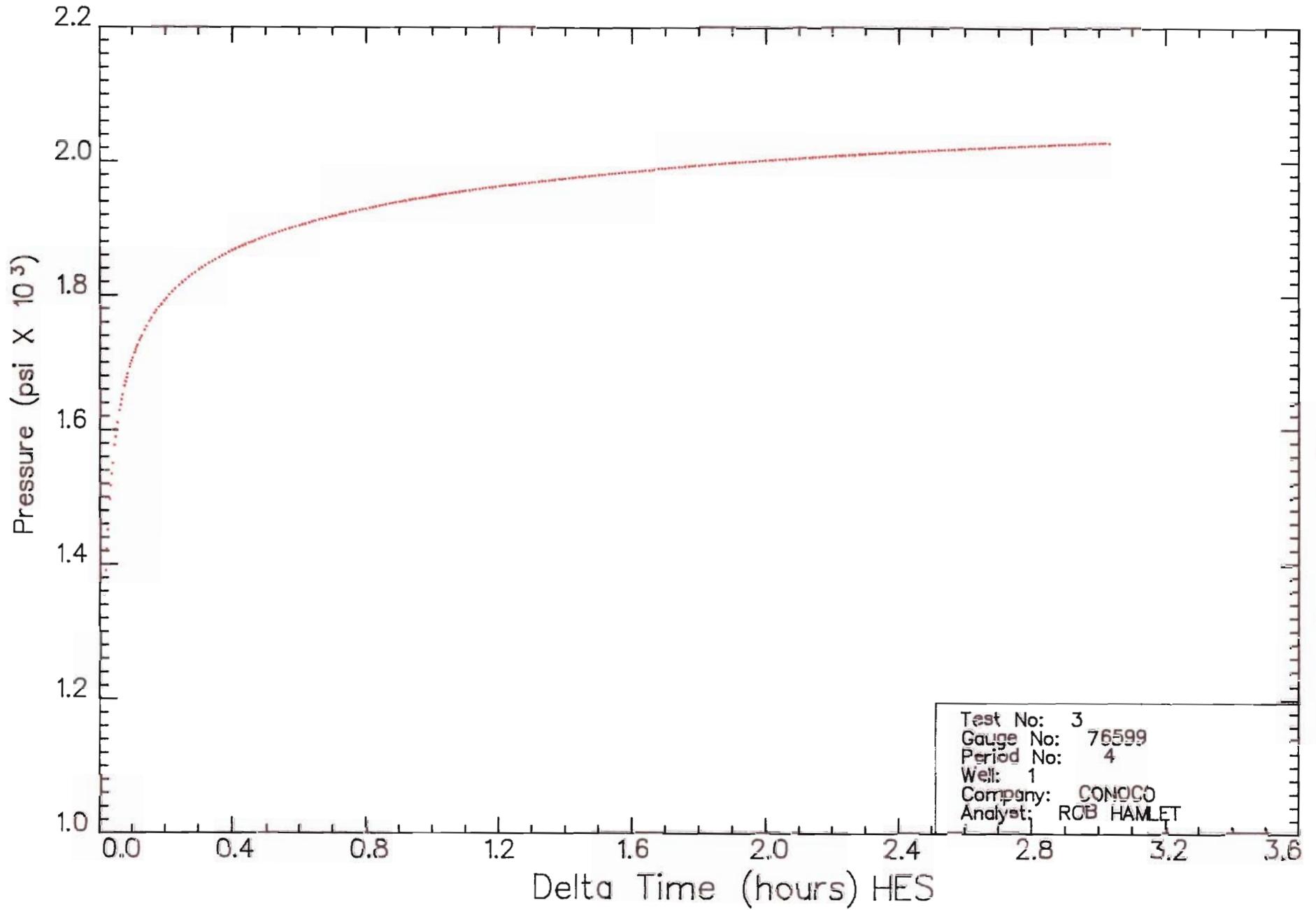
Test No: 3
Gauge No: 76599
Period No: 2
Well: 1
Company: CONOCO
Analyst: ROB HAMLET

Pressure Vs Delta Time



Test No: 3
Gauge No: 76599
Period No: 3
Well: 1
Company: CONOCO
Analyst: ROB HAMLET

Pressure Vs Delta Time



TEST AND FORMATION DATA

Formation Tested: PRECAMB. GRAN.
 All Depths Measured From: RKB
 Elevation: 7895.00 ft
 Total Depth: 8700.00 ft
 Net Pay: 64.00 ft
 Hole or Casing Size: 7.875 in
 Gross Tested Interval: 8069.30 - 8700.00 ft
 Perforated Interval (ft):

HOLE FLUID

HOLE TEMPERATURE

Type:	POLYMER WATER	Depth:	8044.90 ft
Weight:	8.50 lbm/gal	Estimated:	F
Viscosity:	50.00 cp	Actual:	105.00 F

HYDROCARBON PROPERTIES

CUSHION DATA

Oil Gravity (API):	@ 60 F	TYPE	AMOUNT	WEIGHT
Gas/Oil ratio (ScF/STB):		NONE		
Gas Gravity (SG):				

FLUID PROPERTIES FOR RECOVERED MUD AND WATER

SOURCE	RESISTIVITY	CHLORIDES	SG	PH
PIT	6.000 @ F	1250 PPM		
TOP	10.000 @ F	200 PPM		
MIDDLE	0.330 @ F	23000 PPM		
SAMPLE CHAMBER	0.190 @ F	48000 PPM		
	@ F			
	@ F			

SAMPLER DATA

Surface Pressure: 65 psi
 Volume of Gas: 0 ft3
 Volume of Oil: 0 cc
 Volume of Water: 2050 cc
 Volume of Mud: 100 cc
 Total Liquids: 2150 cc

REMARKS:

COULD NOT LOAD HOLE, BECAUSE OF A LOSS ZONE. COULD NOT SEE FLUID ON ANNULUS DURING TEST.

RATE HISTORY TABLE

Period No	Test Type	j	Prod Rate q(j) (bbl/D)	Duration (hrs)	Cum. Time t(j) (hrs)
		0	0.0	0.00	0.00
1	DD	1	218.4	0.26	0.26
2	BU	2	0.0	0.55	0.81
3	DD	3	275.4	1.51	2.32
4	BU	4	0.0	3.03	5.35

TEST STRING CONFIGURATION

	O.D. (in)	I.D. (in)	LENGTH (ft)	DEPTH (ft)
 DRILL PIPE	4.500	3.826	7472.600	
 FLEX WEIGHT	4.500	2.750	184.400	
 DRILL COLLARS	6.250	2.250	279.000	
 IMPACT REVERSING SUB	6.000	3.000	1.000	7937.000
 PUMP OUT REVERSING SUB ...	6.000	3.000	1.000	7938.000
 DRILL COLLARS	6.250	2.250	90.000	
 CROSSOVER.....	6.000	2.250	1.000	
 DUAL CIP SAMPLER	5.000	0.750	6.800	
 HYDROSPRING TESTER	5.000	0.750	5.000	8039.800
 ELECTRONIC GAUGE RUNNING CASE	5.000	2.250	5.100	8044.900
 AP RUNNING CASE.....	5.000	2.250	4.100	8047.000
 JAR.....	5.000	1.750	5.000	
 VR SAFETY JOINT	5.000	1.000	2.800	
 OPEN HOLE PACKER	5.060	1.530	5.800	8061.900
 OPEN HOLE PACKER	5.060	1.530	7.400	8069.300
 ANCHOR PIPE SAFETY JOINT ..	5.000	1.500	4.000	
 FLUSH JOINT ANCHOR	5.000	2.370	25.000	
 CROSSOVER.....	6.000	2.250	1.000	
 DRILL PIPE.....	4.500	3.826	588.900	
 CROSSOVER.....	6.000	2.250	1.000	
 FLUSH JOINT ANCHOR	5.000	2.370	5.000	

CONTINUED

HRS

TEST STRING CONFIGURATION

	O.D. (in)	I.D. (in)	LENGTH (ft)	DEPTH (ft)
 BLANKED-OFF RUNNING CASE ..	5.000	0.000	4.100	8697.000
TOTAL DEPTH				8700.00

Date: 07 02 97
Test No: 3

Ticket No: 134229

Page No: 1.7.1

OPERATOR JOB LOG

Type of Flow Measuring Device: 6"CERAMIC CHOKE

TIME	CHOKE SIZE	SURFACE PRESSURE	GAS RATE	LIQUID RATE	REMARKS
HH:MM:SS	(in)	(psi)	(Mscf/D)	(bbl/D)	

6-Feb-97					
20:00:00					ON LOCATION
22:30:00					PICK UP TOOLS
23:45:00					START EMR GAUGE #76599
7-Feb-97					
00:35:00					START TOOL IN HOLE
04:15:00					TAG BOTTOM AND RIG UP SUR. EQP
04:45:00					WAIT ON DAYLIGHT
06:08:00					TOOL TAKING WEIGHT
06:11:00					TOOL OPEN WITH 4" BLOW
06:13:00					8" BLOW
06:17:00					BLOW ON BOTTOM OF BUCKET
06:29:00					30" BLOW, CLOSE TOOL IN
07:01:00					OPEN TOOL WITH 14" BLOW
07:16:00					25" BLOW
07:25:00	8/64	1.00			OPEN THRU CHOKE
07:31:00	8/64	1.00			OPEN THRU CHOKE
07:46:00	8/64	1.00			OPEN THRU CHOKE
08:01:00	8/64	1.00			OPEN THRU CHOKE
08:16:00	8/64	1.00			OPEN THRU CHOKE
08:31:00	8/64	1.00			CLOSED TOOL IN
11:32:00					OPEN BY-PASS
12:00:00					START OUT OF HOLE
15:40:00					DROP BAR TO DRAIN DRILL PIPE
16:15:00					TOOLS AT SURFACE
19:00:00					TOOLS LOADED
19:30:00					JOB COMPLETE

TEST PERIOD SUMMARY

Gauge No.: 76599 Depth: 8044.90 ft Blanked off: No

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	2099.48	
B	1	Start Draw-down	286.73	
C		End Draw-down	504.56	15.48
C	2	Start Build-up	504.56	
D		End Build-up	2002.95	33.30
E	3	Start Draw-down	540.96	
F		End Draw-down	1086.29	90.36
F	4	Start Build-up	1086.29	
G		End Build-up	2028.61	181.80
H		Final Hydrostatic	2080.51	

NOTE: for Pressure vs. Time Plot, see next page.

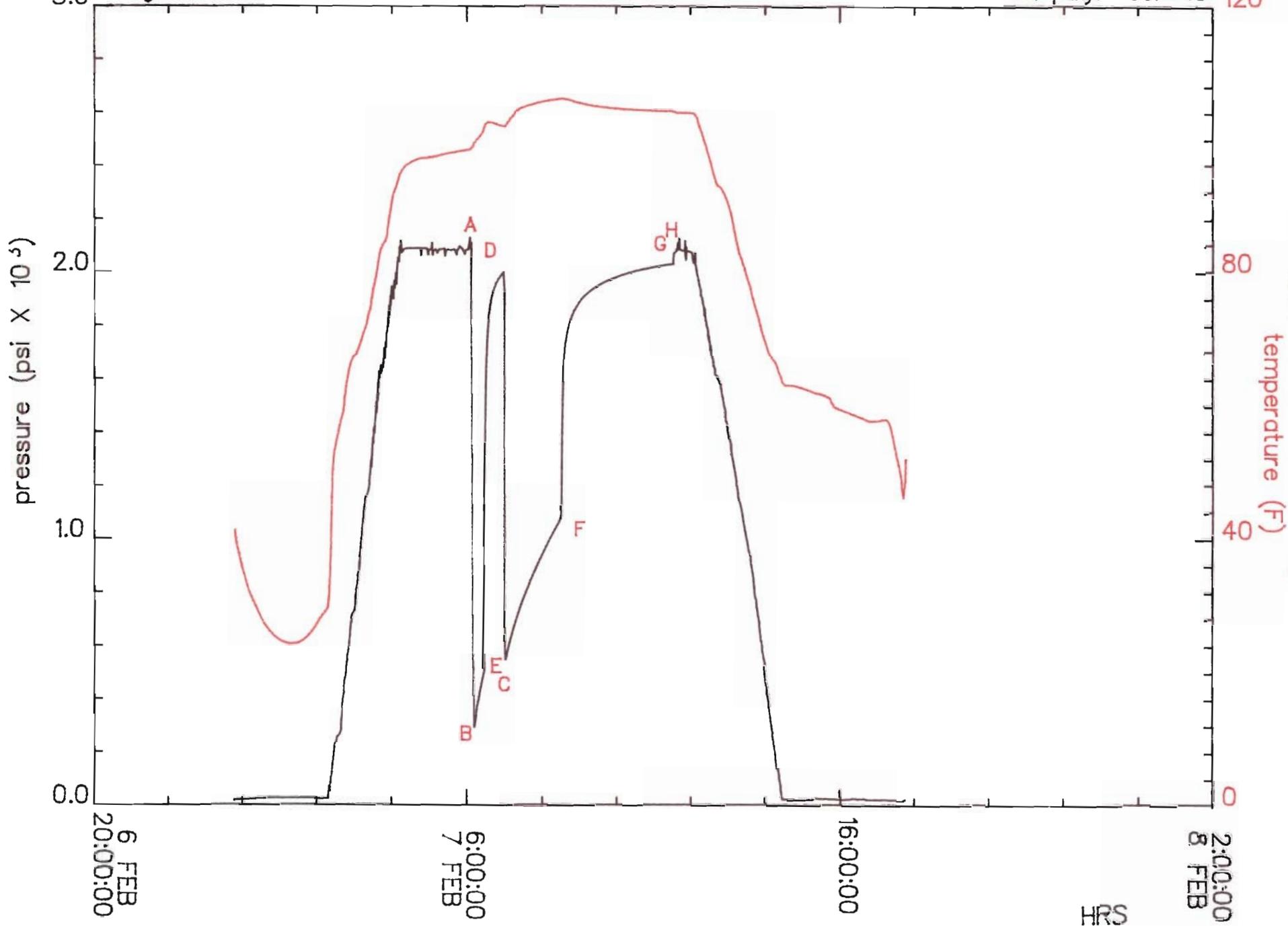
Pressure/Temperature History

Test No: 3
Gauge No: 76599
Well No: 1
Company: CONOCO

Date: 07 02 97

Ticket No: 134229

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PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

6-Feb-97				Data Print Frequency: 10
20:00:00				ON LOCATION
22:30:00				PICK UP TOOLS
23:45:00				START EMR GAUGE #76599
23:51:36		20.280	37.9	
23:58:48		20.930	35.2	
7-Feb-97				
00:06:36		21.890	32.8	
00:13:48		22.740	30.9	
00:21:36		23.850	29.5	
00:28:48		24.720	28.1	
00:35:00				START TOOL IN HOLE
00:36:36		24.750	26.8	
00:43:48		24.640	25.9	
00:51:36		24.760	25.3	
00:58:48		25.090	24.8	
01:06:36		25.130	24.4	
01:13:48		25.020	24.3	
01:21:36		24.870	24.3	
01:28:48		25.190	24.5	
01:36:36		24.830	24.9	
01:43:48		24.850	25.5	
01:51:36		24.630	26.3	
01:58:48		24.270	27.3	
02:06:36		23.160	28.5	
02:13:48		23.490	29.4	
02:21:36		81.700	41.1	
02:28:48		232.220	54.3	
02:36:36		280.410	57.8	
02:43:23		445.130	61.6	
02:45:43		483.940	63.4	
02:47:53		524.280	64.6	
02:50:13		582.800	65.6	
02:52:23		655.800	66.3	
02:54:43		689.270	67.0	
02:56:53		702.840	67.4	
02:59:13		702.820	67.6	
03:01:23		755.970	67.8	
03:03:43		821.010	68.3	
03:05:53		854.970	68.8	
03:08:13		897.600	69.4	
03:10:23		982.150	70.2	
03:12:43		1024.080	70.8	
03:14:53		1066.110	71.3	
03:17:13		1113.680	71.9	
03:19:23		1157.400	72.9	
03:21:43		1174.520	73.8	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency: 10	
03:23:53		1189.800	74.3	
03:26:13		1265.330	75.6	
03:28:23		1315.190	77.0	
03:30:43		1413.970	78.2	
03:32:53		1437.760	79.1	
03:35:13		1481.970	80.3	
03:37:23		1538.810	81.6	
03:39:43		1624.620	82.8	
03:41:53		1614.120	83.6	
03:44:13		1628.790	84.1	
03:46:23		1641.190	84.3	
03:48:43		1674.350	84.7	
03:50:53		1723.190	85.4	
03:53:13		1763.580	86.8	
03:55:23		1853.990	88.3	
03:57:43		1908.490	89.8	
03:59:53		1915.090	91.0	
04:02:13		1904.120	92.0	
04:04:23		1935.740	92.4	
04:06:43		1994.830	93.1	
04:08:53		2007.070	93.7	
04:11:13		2036.690	94.5	
04:13:23		2075.880	95.0	
04:15:00				TAG BOTTOM AND RIG UP SUR. EQP
04:15:43		2068.790	95.4	
04:17:53		2081.460	95.8	
04:20:13		2086.210	96.0	
04:22:23		2086.990	96.1	
04:24:43		2087.280	96.3	
04:26:53		2087.450	96.4	
04:29:13		2087.530	96.5	
04:31:23		2087.550	96.6	
04:33:43		2087.650	96.8	
04:35:53		2087.760	96.8	
04:38:13		2087.820	96.9	
04:40:23		2087.880	97.0	
04:42:43		2087.880	97.1	
04:44:53		2087.910	97.2	
04:45:00				WAIT ON DAYLIGHT
04:47:13		2060.380	97.2	
04:49:23		2084.260	97.1	
04:51:43		2087.360	97.1	
04:53:53		2086.860	97.2	
04:56:13		2086.870	97.2	
04:58:23		2076.680	97.3	
05:00:43		2084.190	97.3	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency: 10		
05:02:53		2085.820	97.3	
05:05:13		2060.990	97.4	
05:07:23		2084.630	97.4	
05:09:43		2086.990	97.5	
05:11:53		2086.540	97.5	
05:14:13		2082.270	97.6	
05:16:23		2084.350	97.7	
05:18:43		2083.230	97.7	
05:20:53		2085.990	97.7	
05:23:13		2086.770	97.8	
05:25:23		2071.450	97.8	
05:27:43		2083.700	97.9	
05:29:53		2084.440	97.9	
05:32:13		2084.930	98.0	
05:34:23		2085.510	98.0	
05:36:43		2085.610	98.0	
05:38:53		2085.540	98.1	
05:41:13		2086.220	98.1	
05:43:23		2062.810	98.1	
05:45:43		2084.090	98.2	
05:47:53		2085.690	98.2	
05:50:13		2084.630	98.3	
05:52:23		2085.070	98.3	
05:54:43		2085.680	98.3	
05:56:53		2078.190	98.3	
05:59:13		2083.730	98.4	
06:01:23		2084.000	98.4	
06:03:43		2084.190	98.5	
06:05:53		2094.250	98.5	
06:08:00				TOOL TAKING WEIGHT
06:08:13		2099.710	99.0	
06:10:23		2099.480	99.4	
06:11:00				TOOL OPEN WITH 4" BLOW

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency: 3		
		*** Start of Period 1 ***		
06:11:06	0.0000	286.730	99.6	
06:11:49	0.0120	298.190	99.7	
06:12:33	0.0240	314.050	99.9	
06:13:00				8" BLOW
06:13:05	0.0330	324.840	100.0	
06:13:48	0.0450	334.450	100.1	
06:14:31	0.0570	348.050	100.0	
06:15:15	0.0690	371.730	100.0	
06:15:47	0.0780	374.090	100.1	
06:16:30	0.0900	385.300	100.2	
06:17:00				BLOW ON BOTTOM OF BUCKET
06:17:13	0.1020	395.040	100.3	
06:17:57	0.1140	405.720	100.3	
06:18:29	0.1230	413.230	100.4	
06:19:12	0.1350	422.460	100.4	
06:19:55	0.1470	431.270	100.5	
06:20:39	0.1590	440.780	100.6	
06:21:11	0.1680	446.400	100.6	
06:21:54	0.1800	454.770	100.7	
06:22:37	0.1920	462.560	100.8	
06:23:21	0.2040	469.890	100.9	
06:23:53	0.2130	475.700	101.0	
06:24:36	0.2250	483.280	101.1	
06:25:19	0.2370	491.410	101.2	
06:26:03	0.2490	498.700	101.5	
06:26:35	0.2580	504.560	101.7	
06:26:35	0.2580	504.560		
		*** End of Period 1 ***		

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency: 3		
		*** Start of Period 2 ***		
06:26:57	0.0060	575.130	101.8	
06:27:29	0.0150	976.410	102.0	
06:28:12	0.0270	1321.090	102.2	
06:28:55	0.0390	1501.760	102.3	
06:29:00				30" BLOW, CLOSE TOOL IN
06:29:39	0.0510	1605.260	102.4	
06:30:11	0.0600	1656.970	102.5	
06:30:54	0.0720	1707.140	102.5	
06:31:37	0.0840	1745.200	102.6	
06:32:21	0.0960	1774.540	102.6	
06:32:53	0.1050	1792.900	102.6	
06:33:36	0.1170	1813.530	102.6	
06:34:19	0.1290	1830.870	102.6	
06:35:03	0.1410	1845.910	102.6	
06:35:35	0.1500	1855.840	102.6	
06:36:18	0.1620	1867.720	102.6	
06:37:01	0.1740	1878.370	102.6	
06:37:45	0.1860	1887.950	102.5	
06:38:17	0.1950	1894.510	102.5	
06:39:00	0.2070	1902.490	102.5	
06:39:43	0.2190	1909.790	102.5	
06:40:27	0.2310	1916.530	102.4	
06:40:59	0.2400	1921.250	102.4	
06:41:42	0.2520	1927.120	102.4	
06:42:25	0.2640	1932.580	102.4	
06:43:09	0.2760	1937.660	102.4	
06:43:41	0.2850	1941.240	102.3	
06:44:24	0.2970	1945.720	102.3	
06:45:07	0.3090	1949.940	102.3	
06:45:51	0.3210	1953.930	102.2	
06:46:23	0.3300	1956.770	102.2	
06:47:06	0.3420	1960.310	102.2	
06:47:49	0.3540	1963.710	102.2	
06:48:33	0.3660	1966.960	102.2	
06:49:05	0.3750	1969.230	102.1	
06:49:48	0.3870	1972.230	102.1	
06:50:31	0.3990	1975.020	102.1	
06:51:15	0.4110	1977.710	102.1	
06:51:47	0.4200	1979.630	102.0	
06:52:30	0.4320	1982.150	102.0	
06:53:13	0.4440	1984.540	102.0	
06:53:57	0.4560	1986.850	102.0	
06:54:29	0.4650	1988.460	102.0	
06:55:12	0.4770	1990.590	102.0	
06:55:55	0.4890	1992.650	102.0	

Date: 07 02 97

Ticket No: 134229

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PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency:	3	
06:56:39	0.5010	1994.620	101.9	
06:57:11	0.5100	1996.060	101.9	
06:57:54	0.5220	1997.900	101.9	
06:58:37	0.5340	1999.690	101.9	
06:59:21	0.5460	2001.430	101.9	
06:59:53	0.5550	2002.950	101.9	
06:59:53	0.5550	2002.950		
		*** End of Period 2 ***		
		Data Print Frequency:	10	
07:00:15		1918.490	101.9	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency: 5	
		*** Start	of Period 3	***
07:00:47	0.0000	540.960	101.9	
07:01:00				OPEN TOOL WITH 14" BLOW
07:02:03	0.0210	555.990	102.1	
07:03:07	0.0390	567.490	102.3	
07:04:12	0.0570	584.810	102.5	
07:05:17	0.0750	588.280	102.7	
07:06:33	0.0960	600.560	102.8	
07:07:37	0.1140	610.700	103.0	
07:08:42	0.1320	620.520	103.1	
07:09:47	0.1500	629.700	103.2	
07:11:03	0.1710	640.680	103.3	
07:12:07	0.1890	649.340	103.4	
07:13:12	0.2070	658.480	103.6	
07:14:17	0.2250	666.910	103.7	
07:15:33	0.2460	676.610	103.9	
07:16:00				25" BLOW
07:16:37	0.2640	684.990	104.0	
07:17:42	0.2820	692.590	104.1	
07:18:47	0.3000	700.920	104.3	
07:20:03	0.3210	709.960	104.4	
07:21:07	0.3390	717.380	104.4	
07:22:12	0.3570	724.890	104.5	
07:23:17	0.3750	732.050	104.6	
07:24:33	0.3960	740.480	104.6	
07:25:00				OPEN THRU CHOKE
07:25:37	0.4140	747.480	104.7	
07:26:42	0.4320	755.030	104.7	
07:27:47	0.4500	762.230	104.8	
07:29:03	0.4710	770.360	104.8	
07:30:07	0.4890	776.940	104.9	
07:31:00				OPEN THRU CHOKE
07:31:12	0.5070	783.820	104.9	
07:32:17	0.5250	790.380	104.9	
07:33:33	0.5460	798.040	105.0	
07:34:37	0.5640	804.200	105.0	
07:35:42	0.5820	810.710	105.1	
07:36:47	0.6000	816.970	105.1	
07:38:03	0.6210	824.420	105.1	
07:39:07	0.6390	830.320	105.2	
07:40:12	0.6570	836.560	105.2	
07:41:17	0.6750	842.450	105.2	
07:42:33	0.6960	849.420	105.3	
07:43:37	0.7140	855.190	105.3	
07:44:42	0.7320	860.830	105.3	
07:45:47	0.7500	866.880	105.3	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency:	5	
07:46:00				OPEN THRU CHOKE
07:47:03	0.7710	873.530	105.4	
07:48:07	0.7890	879.580	105.4	
07:49:12	0.8070	885.210	105.4	
07:50:17	0.8250	890.980	105.5	
07:51:33	0.8460	897.410	105.5	
07:52:37	0.8640	902.790	105.5	
07:53:42	0.8820	908.460	105.5	
07:54:47	0.9000	913.820	105.6	
07:56:03	0.9210	920.280	105.6	
07:57:07	0.9390	925.440	105.6	
07:58:12	0.9570	930.570	105.6	
07:59:17	0.9750	935.960	105.7	
08:00:33	0.9960	941.810	105.7	
08:01:00				OPEN THRU CHOKE
08:01:37	1.0140	946.880	105.7	
08:02:42	1.0320	952.440	105.7	
08:03:47	1.0500	957.710	105.8	
08:05:03	1.0710	964.070	105.8	
08:06:07	1.0890	968.930	105.8	
08:07:12	1.1070	973.780	105.8	
08:08:17	1.1250	979.250	105.8	
08:09:33	1.1460	985.260	105.9	
08:10:37	1.1640	990.750	105.9	
08:11:42	1.1820	995.450	105.9	
08:12:47	1.2000	1000.100	105.9	
08:14:03	1.2210	1005.770	105.9	
08:15:07	1.2390	1010.410	105.9	
08:16:00				OPEN THRU CHOKE
08:16:12	1.2570	1015.050	106.0	
08:17:17	1.2750	1020.040	106.0	
08:18:33	1.2960	1025.320	106.0	
08:19:37	1.3140	1029.790	106.0	
08:20:42	1.3320	1034.600	106.0	
08:21:47	1.3500	1039.030	106.0	
08:23:03	1.3710	1044.170	106.0	
08:24:07	1.3890	1049.130	106.0	
08:25:12	1.4070	1053.770	106.1	
08:26:17	1.4250	1058.410	106.1	
08:27:33	1.4460	1064.300	106.1	
08:28:37	1.4640	1068.950	106.1	
08:29:42	1.4820	1073.670	106.1	
08:30:47	1.5000	1078.400	106.1	
08:31:00				CLOSED TOOL IN
08:31:09	1.5060	1086.290		

*** End of Period 3 ***

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency: 5		
		*** Start of Period 4 ***		
08:31:19	0.0030	1128.060	106.2	
08:32:24	0.0210	1424.810	106.2	
08:33:29	0.0390	1551.980	106.2	
08:34:45	0.0600	1630.690	106.2	
08:35:49	0.0780	1673.400	106.1	
08:36:54	0.0960	1704.050	106.1	
08:37:59	0.1140	1727.660	106.0	
08:39:15	0.1350	1749.840	106.0	
08:40:19	0.1530	1765.580	105.9	
08:41:24	0.1710	1778.910	105.9	
08:42:29	0.1890	1790.560	105.9	
08:43:45	0.2100	1802.490	105.9	
08:44:49	0.2280	1811.450	105.8	
08:45:54	0.2460	1819.670	105.8	
08:46:59	0.2640	1827.120	105.8	
08:48:15	0.2850	1834.970	105.7	
08:49:19	0.3030	1841.200	105.7	
08:50:24	0.3210	1847.010	105.7	
08:51:29	0.3390	1852.430	105.6	
08:52:45	0.3600	1858.320	105.6	
08:53:49	0.3780	1863.040	105.6	
08:54:54	0.3960	1867.510	105.6	
08:55:59	0.4140	1871.560	105.5	
08:57:15	0.4350	1876.210	105.5	
08:58:19	0.4530	1880.090	105.5	
08:59:24	0.4710	1883.670	105.5	
09:00:29	0.4890	1887.130	105.5	
09:01:45	0.5100	1890.950	105.4	
09:02:49	0.5280	1894.110	105.4	
09:03:54	0.5460	1897.040	105.4	
09:04:59	0.5640	1899.970	105.4	
09:06:15	0.5850	1903.260	105.3	
09:07:19	0.6030	1905.980	105.3	
09:08:24	0.6210	1908.590	105.3	
09:09:29	0.6390	1911.090	105.3	
09:10:45	0.6600	1913.960	105.2	
09:11:49	0.6780	1916.310	105.2	
09:12:54	0.6960	1918.630	105.2	
09:13:59	0.7140	1920.930	105.2	
09:15:15	0.7350	1923.420	105.1	
09:16:19	0.7530	1925.510	105.1	
09:17:24	0.7710	1927.530	105.1	
09:18:29	0.7890	1929.540	105.1	
09:19:23	0.8040	1931.150	105.1	
09:20:39	0.8250	1933.400	105.1	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency:	5
09:21:43	0.8430	1935.240	105.0	
09:22:48	0.8610	1936.920	105.0	
09:23:53	0.8790	1938.690	105.0	
09:25:09	0.9000	1940.760	105.0	
09:26:13	0.9180	1942.420	105.0	
09:27:18	0.9360	1944.030	105.0	
09:28:23	0.9540	1945.610	105.0	
09:29:39	0.9750	1947.330	104.9	
09:30:43	0.9930	1948.720	104.9	
09:31:48	1.0110	1950.230	104.9	
09:32:53	1.0290	1951.690	104.9	
09:34:09	1.0500	1953.430	104.9	
09:35:13	1.0680	1954.820	104.8	
09:36:18	1.0860	1956.150	104.8	
09:37:23	1.1040	1957.580	104.8	
09:38:39	1.1250	1959.150	104.8	
09:39:43	1.1430	1960.370	104.8	
09:40:48	1.1610	1961.580	104.8	
09:41:53	1.1790	1962.810	104.8	
09:43:09	1.2000	1964.190	104.8	
09:44:13	1.2180	1965.390	104.8	
09:45:18	1.2360	1966.480	104.7	
09:46:23	1.2540	1967.510	104.7	
09:47:39	1.2750	1968.800	104.7	
09:48:43	1.2930	1969.820	104.7	
09:49:48	1.3110	1970.870	104.7	
09:50:53	1.3290	1971.940	104.7	
09:52:09	1.3500	1972.980	104.7	
09:53:13	1.3680	1974.160	104.7	
09:54:18	1.3860	1975.220	104.7	
09:55:23	1.4040	1976.130	104.6	
09:56:39	1.4250	1977.400	104.6	
09:57:43	1.4430	1978.370	104.6	
09:58:48	1.4610	1979.350	104.6	
09:59:53	1.4790	1980.410	104.6	
10:01:09	1.5000	1981.500	104.6	
10:02:13	1.5180	1982.400	104.6	
10:03:18	1.5360	1983.300	104.6	
10:04:23	1.5540	1984.220	104.6	
10:05:39	1.5750	1985.290	104.6	
10:06:43	1.5930	1986.190	104.6	
10:07:48	1.6110	1987.000	104.5	
10:08:53	1.6290	1987.870	104.5	
10:10:09	1.6500	1988.850	104.5	
10:11:13	1.6680	1989.670	104.5	
10:12:18	1.6860	1990.490	104.5	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency:	5
10:13:23	1.7040	1991.280	104.5	
10:14:39	1.7250	1992.190	104.5	
10:15:43	1.7430	1992.990	104.5	
10:16:48	1.7610	1993.760	104.5	
10:17:53	1.7790	1994.490	104.5	
10:19:09	1.8000	1995.380	104.5	
10:20:13	1.8180	1996.100	104.5	
10:21:18	1.8360	1996.840	104.5	
10:22:23	1.8540	1997.550	104.5	
10:23:39	1.8750	1998.370	104.4	
10:24:43	1.8930	1999.070	104.4	
10:25:48	1.9110	1999.760	104.4	
10:26:53	1.9290	2000.420	104.4	
10:28:09	1.9500	2001.210	104.4	
10:29:13	1.9680	2001.880	104.4	
10:30:18	1.9860	2002.550	104.4	
10:31:23	2.0040	2003.190	104.4	
10:32:39	2.0250	2003.910	104.4	
10:33:43	2.0430	2004.520	104.4	
10:34:48	2.0610	2005.160	104.4	
10:35:53	2.0790	2005.750	104.4	
10:37:09	2.1000	2006.470	104.4	
10:38:13	2.1180	2007.050	104.4	
10:39:18	2.1360	2007.670	104.4	
10:40:23	2.1540	2008.260	104.4	
10:41:39	2.1750	2008.930	104.4	
10:42:43	2.1930	2009.520	104.4	
10:43:48	2.2110	2010.060	104.3	
10:44:53	2.2290	2010.670	104.3	
10:46:09	2.2500	2011.320	104.3	
10:47:13	2.2680	2011.880	104.3	
10:48:18	2.2860	2012.390	104.3	
10:49:23	2.3040	2012.930	104.3	
10:50:39	2.3250	2013.520	104.3	
10:51:43	2.3430	2014.030	104.3	
10:52:48	2.3610	2014.550	104.3	
10:53:53	2.3790	2015.060	104.3	
10:55:09	2.4000	2015.640	104.3	
10:56:13	2.4180	2016.160	104.3	
10:57:18	2.4360	2016.650	104.3	
10:58:23	2.4540	2017.130	104.3	
10:59:39	2.4750	2017.700	104.3	
11:00:43	2.4930	2018.180	104.3	
11:01:48	2.5110	2018.640	104.3	
11:02:53	2.5290	2019.110	104.3	
11:04:09	2.5500	2019.660	104.3	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print Frequency:	5	
11:05:13	2.5680	2020.090	104.3	
11:06:18	2.5860	2020.550	104.3	
11:07:23	2.6040	2020.970	104.2	
11:08:39	2.6250	2021.490	104.2	
11:09:43	2.6430	2021.960	104.3	
11:10:48	2.6610	2022.380	104.3	
11:11:53	2.6790	2022.840	104.2	
11:13:09	2.7000	2023.310	104.2	
11:14:13	2.7180	2023.730	104.2	
11:15:18	2.7360	2024.170	104.2	
11:16:23	2.7540	2024.580	104.2	
11:17:39	2.7750	2025.040	104.2	
11:18:43	2.7930	2025.460	104.2	
11:19:48	2.8110	2025.870	104.2	
11:20:53	2.8290	2026.250	104.2	
11:22:09	2.8500	2026.710	104.2	
11:23:13	2.8680	2027.120	104.2	
11:24:18	2.8860	2027.490	104.2	
11:25:23	2.9040	2027.870	104.2	
11:26:39	2.9250	2028.340	104.2	
11:27:43	2.9430	2028.700	104.2	
11:28:48	2.9610	2029.090	104.2	
11:29:53	2.9790	2029.470	104.2	
11:31:09	3.0000	2029.850	104.2	
11:32:00				OPEN BY-PASS
11:32:13	3.0180	2030.250	104.2	
11:32:57	3.0300	2028.610		
		*** End of Period 4 ***		
		Data Print Frequency:	10	
11:33:07		2070.400	104.2	
11:35:17		2080.290	104.0	
11:37:37		2080.800	104.0	
11:39:47		2079.800	104.0	
11:42:07		2127.510	104.0	
11:44:17		2077.870	104.0	
11:46:37		2077.970	104.0	
11:48:47		2078.050	104.0	
11:51:07		2078.720	104.0	
11:53:17		2077.500	104.0	
11:55:37		2074.950	104.0	
11:57:47		2075.260	103.9	
12:00:00				START OUT OF HOLE
12:00:07		2075.490	103.9	
12:02:17		2075.050	103.9	
12:04:37		2041.670	103.9	
12:06:47		2036.630	103.7	

PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency: 10	
12:09:07		2009.090	103.4	
12:11:17		1997.470	102.6	
12:13:37		1954.430	102.0	
12:15:47		1943.610	101.4	
12:18:07		1920.970	100.8	
12:20:17		1881.540	100.2	
12:22:37		1834.720	99.5	
12:24:47		1822.840	98.8	
12:27:07		1802.630	97.9	
12:29:17		1746.550	97.4	
12:31:37		1718.100	96.6	
12:33:47		1695.830	95.8	
12:36:07		1669.250	95.0	
12:38:17		1641.160	94.3	
12:40:37		1604.120	93.6	
12:42:47		1603.180	93.1	
12:49:12		1563.420	92.6	
12:57:00		1439.900	91.2	
13:04:12		1357.650	89.0	
13:12:00		1232.790	85.2	
13:19:12		1151.200	82.6	
13:27:00		1025.630	80.4	
13:34:12		942.580	78.2	
13:42:00		818.650	75.4	
13:49:12		695.990	73.1	
13:57:00		547.430	70.3	
14:04:12		414.620	68.2	
14:12:00		291.970	66.9	
14:19:12		158.480	65.6	
14:27:00		18.960	63.5	
14:34:12		18.790	63.0	
14:42:00		19.630	63.0	
14:49:12		19.030	62.9	
14:57:00		22.130	62.7	
15:04:12		20.820	62.4	
15:12:00		24.110	62.2	
15:19:12		23.260	61.9	
15:27:00		22.110	61.8	
15:34:12		22.380	61.5	
15:40:00				DROP BAR TO DRAIN DRILL PIPE
15:42:00		22.120	61.2	
15:49:12		20.650	59.9	
15:57:00		20.100	59.5	
16:04:12		18.670	59.3	
16:12:00		20.280	59.0	
16:15:00				TOOLS AT SURFACE

Date: 07 02 97

Ticket No: 134229

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PRESSURE VS TIME

GRC gauge no.: 76599

Gauge Depth: 8044.90 ft

Memory Recorder No.: 76599

TIME HH:MM:SS	D TIME (hr)	PRESSURE (psi)	TEMP (F)	COMMENTS

7-Feb-97		Data Print	Frequency: 10	
16:19:12		25.590	58.7	
16:27:00		20.300	58.4	
16:34:12		19.400	58.1	
16:42:00		18.100	57.8	
16:49:12		18.240	57.7	
16:57:00		18.380	57.7	
17:04:12		18.500	57.8	
17:12:00		20.530	58.0	
17:19:12		17.720	57.2	
17:27:00		16.850	54.2	
17:34:12		16.490	51.1	
17:42:00		17.120	46.1	
17:45:36		23.780	52.0	
19:00:00				TOOLS LOADED
19:30:00				JOB COMPLETE

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