July 2, 1985

TO: Well File

FROM: Dorothy Swindel, Oil and Gas Field Inspector

RE: Pre-drill Inspection of Exxon UPRR 25-1, Sec. 25, T1N, R4E
Summit County, Utah

Operator: Exxon Company, U.S.A.
Well Name: UPRR 25-1
Location: NW SE Section 25, T1N, R4E
Summit County, Utah
Fee Land
Date of Inspection: June 21, 1985 - 4:30 p.m.
Inspection Participants: Dorothy Swindel
Division of Oil, Gas and Mining

Gary W. Weidman, Engineer
Exxon Company, U.S.A., Midland, Texas

ROADS

1. Access road begins on Alternate 189 approximately 1/2 mile south of intersection of Interstate 80 (approximately 3/4 mile south of Wanship, Utah).

2. The access road heads west along an unimproved dirt road and generally follows the dirt road, except for where the road exceeds an 8 percent grade. At the points where the road exceeds 8 percent, the access road will be realigned to the west.

3. The access road generally parallels a Mountain Fuel pipeline. Exxon should use extreme caution in working close to the pipeline.

EXISTING WELLS

1. There are no producing wells within a one-mile radius of the proposed well.

2. There are two plugged wells in the area:

   a. Amoco Production
      Champlin 463 Amoco B #1
      27-1N-4E

   b. Amoco Production
      Rockport Reservoir WI #1
      21-1N-5E

WELL SITE

1. The well will be situated on a knoll of about 6800' elevation. The topography of the area is mountainous.

2. The pad will require a 12' vertical cut.

3. The laydown will be towards the west and the reserve pit will be on the southeast corner of the pad.

4. Vegetation on site is mostly scrub oaks, sagebrush, and native grasses. No timber will be cut.

5. Water will probably be obtained from the Weber River, if approved by the Division of Water Rights.

6. The surface lithology is a sandstone and conglomerate. Exact formation name is not known. Determination of the reserve pit material will be made at completion of dirt work to determine the need for a pit liner.

7. The proposed well location is in close proximity to surface waters. It is located 1 1/2 miles from Rockport Reservoir and 3/4 mile from Silver Creek. The access route parallels a creek that feeds into the Weber River.

OTHER

The proposed location is approximately 1 3/4 mile west of Rockport Reservoir and 3/4 mile east of Interstate 80. The rig might be visible from Rockport and may cause aesthetic "damage" to park users.

In general, the proposed location is satisfactory. Exxon was requested to contact the Division to obtain final approval of the location before spudding.

sb

9689T

Form OGC-1a

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [ ]

2. Name of Operator
Exxon Corporation Attn: Melba Kniplin

3. Address of Operator
Box 1600, Midland, Texas 79702

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface
1858' FSL and 1997' FEL of Sec.
At proposed prod. zone

RECEIVED
JUL 09 1985
DIVISION OF OIL
GAS & MINING

5. Lease Designation and Serial No.
Fee Lease

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
U.P. RR "B"

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 25-1N-4E

12. County or Parrish
Summit

13. State
UT

14. Distance in miles and direction from nearest town or post office*
22 miles NE of Salt Lake City

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
1858'

16. No. of acres in lease
640

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
None

19. Proposed depth
13,200' Mugg

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
6798' GR

22. Approx. date work will start*
Upon Approval

23.
PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94	40'	Redi-mix to surface
17 1/2"	13 3/8"	61 & 68	3200'	4550 cu ft.
12 1/4"	9 5/8"	43.5, 47 and 71.8	11200'	2350 cu ft.
7 7/8"	5"	23.06 & 23.2	13200'	900 cu ft.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/15/85
BY: John R. Baza
WELL SPACING: C-3 (B)

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

24.
Signed Melba Kniplin Title Unit Head Date 7-5-85

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side

WILLIAM H. SMITH & ASSOCIATES P.C.

SURVEYING CONSULTANTS

POST OFFICE BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2 NORTH
PHONE 307-875-3638

T 1N R 4E

USGLO CALL S 89°51'W - 79.90 ch.

N

SCALE: 1" = 1000'

● Found Brass Cap
■ Found Stone

FOUND: SET SANDSTONE 16"x10"x5" W/ 8" ABOVE GROUND. W/ 2 NOTCHES ON SE CORNER AND 1 NOTCH ON NE CORNER AND A FENCE CORNER POST 1.0' IN NW. USGLO CALLED: SANDSTONE 16"x10"x5" SET 11" DEEP W/ 2 NOTCHES ON SOUTH AND 1 NOTCH ON EAST EDGES.

NOTE: Basis of bearing is true as calculated from the Utah State Coordinate System, North Zone.

FOUND: SET RED SANDSTONE 18"x12"x8 1/2" W/ 12" ABOVE GROUND W/ 1/4 CARVED ON WEST FACE IN A N-S FENCELINE. USGLO CALLED: RED SANDSTONE 18"x8"x8".

S 1°04'54"E - 5199.9' (meas.)

USGLO CALL NORTH - 80.00 ch.

FOUND: LOOSE SANDSTONE WITH NO VISIBLE MARKINGS 16"x14"x10" AND A MOUND OF STONE 4.0' BASE 10" HIGH 2.0' WEST. RESET STONE IN PLACE 8" IN GROUND.
ALSO FOUND: LOOSE 2"x4"x7' BOARD 6' NORTH STONE. REBUILT STONE MOUND 4'x2' BASE 2' HIGH 2.5' WEST CORNER.
USGLO CALLED: SANDSTONE 16"x14"x10" SET 10" DEEP WITH 1 NOTCH ON SOUTH AND 1 NOTCH ON EAST EDGES.
AND A MOUND OF STONE.

UPRR B #1

1997'

1858'

Utah North Zone
x = 2,016,340
y = 165,971
elev. = 6798
Exxon Co. U.S.A.

N 0°14'32" - 2696.5' (meas.)

USGLO CALL NORTH 80.00 ch.

FOUND: SET GRANITE STONE 12"x12" W/14" ABOVE GROUND AND FENCE CORNER POST 1.0' NORTH.

N88°07'35" - 5172.9' (meas.)

USGLO CALL WEST - 80.00 ch.

I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Tom Walsh of Denver, Colorado for Exxon Company U.S.A., Randy Rowley under my supervision and direction made a survey on the 20th day of June, 1985 for location and elevation of the UPRR B #1. As shown on the above map, the wellsite is in the SE/4 of Section 25, Township 1 North, Range 4 East of the SLB & M, Summit County, State of Utah. Elev. is 6798 feet ungraded ground. Datum USC & GS 1929 and USGS elevation of vertical angle control point "SON" being 7149.2 feet.

Reference Point	North 300'	Set Typ. 5/8"x24" rebar w/Lath & Flag.	Elev. Top Rebar 6758.7'
Reference Point	East 300'	Typ. Monument	Elev. Top Rebar 6770.0'
Reference Point	South 300'	Typ. Monument	Elev. Top Rebar 6774.4'
Reference Point	West 300'	Typ. Monument	Elev. Top Rebar 6776.7'

By: SME

Job No. 85045.000

REGISTERED
WYOMING UTAH IDAHO
NEVADA NEW MEXICO ARIZONA
COLORADO

William H. Smith
R.L.S. NO. 2764

Exxon Corporation - Union Pacific Railroad B #1

NWSE Section 25, T1S, R4E

Summit County, Utah

Eight Point Plan

July 2, 1985

NOTE: This is not a Federal well. Plan required by State of Utah.

1. The estimated tops of important geologic markers:

Formations	Tops
Kelvin	500' (SS & SH)
Stump-Preuss	1,700' (SLST & SH)
Kelvin-Frontier	2,900' (SS & SH)
Stump-Preuss	9,100' (SLST, SH & SALT)
Twin Creek	10,700' (SH & LS)
Nugget	12,900' (SS)
TD	13,200'

2. The estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral bearing formation expected to be encountered are:

Formation/Type	Top	Bottom	How Protected
Fresh Water	0'	500'	13-3/8" surface casing at 3,200' cemented to surface.
Stump-Preuss/Salt	10,500'	11,100'	9-5/8" Intermediate casing at 11,200', cemented to 8,000'.
Nugget/Gas	12,900'	13,200'(TD)	5-1/2" Production Liner at TD, cemented to 10,000'.

3. Minimum Specifications for Pressure Control Equipment:

A. BOP:

(1) A type B Diverter system and a Type III flowline will be installed on the 20" conductor pipe.

(2) A type 4A BOP stack, a Type III flowline and a Fig V-2 choke manifold will be installed on 13-3/8" casing @ 3,200'. The accumulator unit will be located a minimum of sixty feet from the rig floor. (See Attachments)

B. Testing:

(1) The type B Diverter will be initially tested at 150 psi.

(2) The Type 4A BOP stack and all related equipment will be tested upon installation to 300 and 3,000 psi. Every 21 days the BOP stack and related equipment will be tested to 300 psi and 2,000 psi. If 9-5/8" casing is set, test pressure will be 300/5,000 psi initially and 300/3,000 psi thereafter. An operational test will be performed on the BOP stack on each round trip, but not more than once a day.

C. Wellhead Equipment:

Section	Lower Flange	Top Flange
A-Section	13-3/8" x Slip-on	13-5/8" x 3000 psi
B-Section	13-3/8" x 3000 psi	11" x 5000 psi
Tubinghead	11" x 5000 psi	7-1/16" x 5000
TH Adapter	7-1/16" x 5000 psi	2-1/16" x 5000
Tree	2-9/16" x 5000 psi	

4. Auxiliary Equipment and Proposed Casing Program:

A. Auxiliary equipment to be used:

a. A trip tank will be installed upon spudding well for flow detection on trips.

b. Upper and lower kelly cocks will be installed in the drill string at all times, and will be operated weekly.

c. Full opening ball type safety valves for each size and connection of drill pipe in use will be on the rig floor in the open position at all times.

d. A pit volume totalizer will be installed at mud-up to monitor mud pit gain (or losses) in steel pits.

e. An Otis nipple will be run in the drill string, two to three joints above the drill collars, for inside drill string well control.

B. Casing:

String	Size/Weight/Grade/Conn	Interval
Conductor	20" / 94# /H40 /STC	0- 40'
Surface	13-3/8"/ 68# /N80 /LTC	0- 300'
	13-3/8"/ 61# /K55 /STC	300- 3,200'
Intermdediate-Production	9-5/8"/ 47# /L80 /BTC	0- 1,700'
	9-5/8"/ 43.5#/L80 /LTC	1,700- 7,000'
	9-5/8"/ 47# /L80 /LTC	7,000- 9,400'
	9-5/8"/ 47# /Soo95/LTC	9,400-10,200'
	9-5/8"/ 71.8#/125 /LTC	10,200-11,200'
Production Liner	5" /23.06#/Soo95/LTC	10,000-11,200'
	5" /23.2# /P110 /LTC	11,200-13,200'

The 9-5/8" casing will not be set unless there is salt flow or other hole conditions that dictate the need. If it is not required, the production design will be a full string of 5".

Safety Factors used are equal to or greater than 1.125 for collapse, 1.312 for burst, and 1.5 for tension.

C. Cementing:

Casing	Depth	Cement Type	Approximate Slurry Volume	TOC
20"	40'	Redi-Mix	------	Surface
13-3/8"	3,200'	Lite (Lead)	4200 Ft^3	Surface
		Class H (Tail)	350 Ft^3	
9-5/8"	11,200'	Lite (Lead)	1800 Ft^3	8,000'
		Class H (Tail)	550 Ft^3	------
5"	13,200'	Class H	900 Ft^3	10,000'

Additives:

13-5/8" surface casing cement:
2% Calcium Chloride, Cellophane Flakes

9-5/8" Intermediate Production Casing Cement:
Lead - 0.1% Retarder
Tail - 0.2% Retarder

5" Production liner cement:
0.2% Retarder

D. Casing Test Procedures:

1. Surface Casing (8-5/8"): 3000 psi initially and 2000 psi thereafter (every 21 days).

2. Intermediate Production Casing: 5000 initially, 3000 psi thereafter (every 21 days).

3. Production Liner (5-1/2"): 5000 psi.

5. A. Circulating Medium Characteristics:

Interval	Mud Type	Weight (ppg)	FV (Sec/qt)	WL (cc/30 min)	pH
0- 3200'	Spud	-----	-----	-----	----
3200-10500'	FW Gel	8.8- 9.0	35-40	10-15	9.5-10.5
10500-11200'	SW Gel	9.0-10.0	35-40	10-15	9.5-10.5
11200-TD	FW Gel	8.8- 9.2	40-45	10-15	10.5+

B. Quantities of Mud and Weighting Material:

Quantity: Surface pits will be capable of handling approximately 500 bbls. Not less than 200 bbls will be in the surface mud pits at all times.

C. Mud System Monitoring:

1. Pit Volume Totalizer: Will be used to monitor mud pits.

2. Trip Tank: Trip tank will be used to keep hole full of fluid on trips and to monitor hole behavior on trips.

3. Mud Engineer: Engineer will check mud properties daily from 10,000' - TD.

6. Anticipated type and amount of logging, coring and testing:

Logging Program:

1. DIL/MSFL/GR/SP - Surface to TD
2. BHC/Sonic/GR/Cal - Surface casing (3200') to TD.
3. SHDT/Dipmeter - Surface casing (3200') to TD.
4. LDT/CNL/NGT/Cal - Intermediate Production casing to TD.
5. VDL/Waveform - Intermediate Production casing to TD.
6. Cyberlook- Intermediate Production casing to TD.
7. VSP - Surface to TD.
8. Mud Logger - Surface casing (3200') to TD.

Coring Program:

None Planned.

DST's

On Shows.

7. Expected Bottom Hole Pressures and Temperature or any Potential Hazards:

   1. No abnormal pressures (greater than 10#/gal. equivalent) or temperatures are expected.

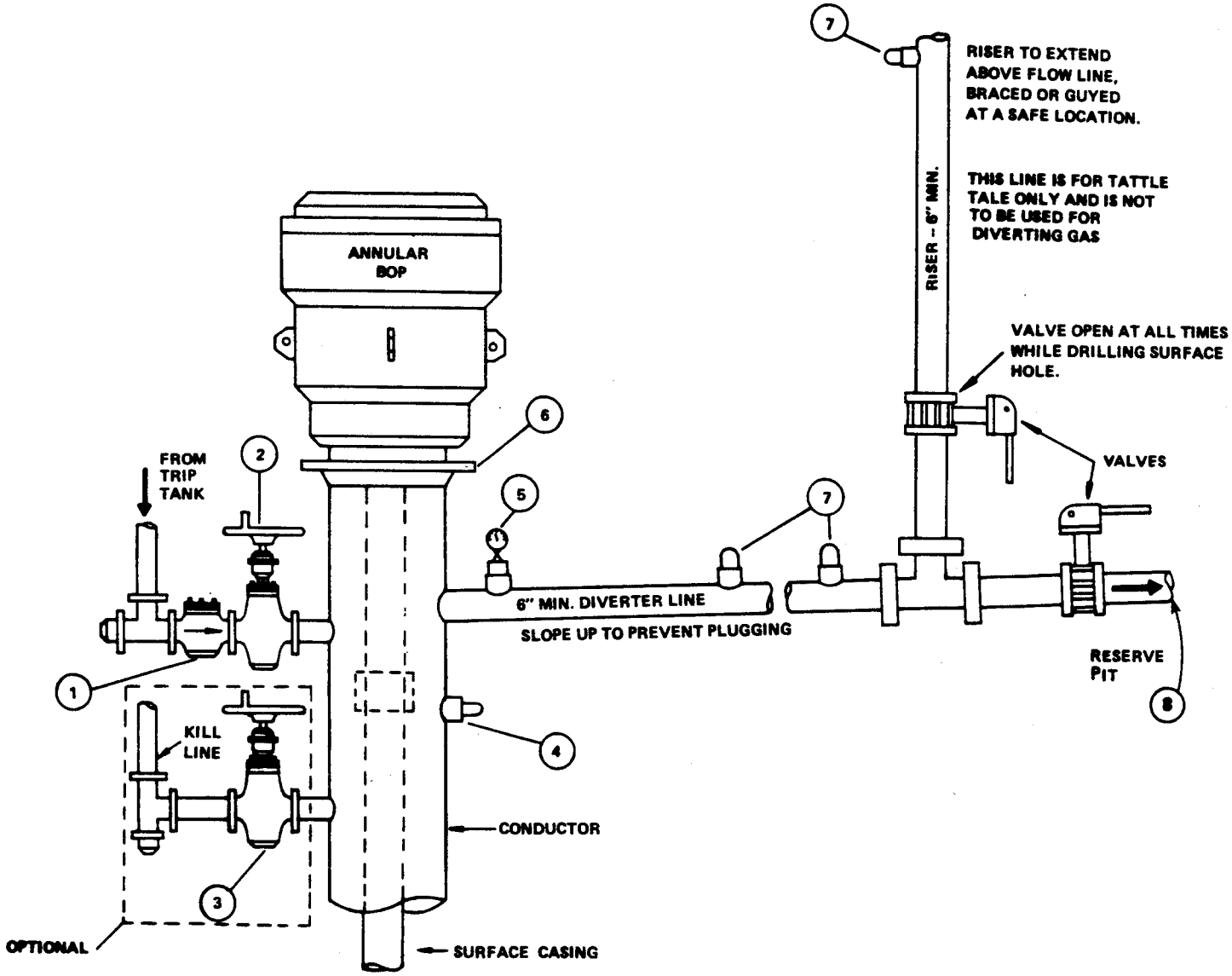
   2. H_2S is expected. An H_2S Contingency Plan will be filed with the State of Utah.

8. Other Facets of Proposed Operations:

   No special drilling operations are planned.

SFH/cdl
7/2/85

10.1 TYPE-B DIVERTER SYSTEM



10.2 COMPONENT SPECIFICATIONS
Type-B Diverter System

1. Flanged or screwed flapper type check valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
2. Flanged or screwed gate or plug valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
3. Optional — Kill line to pump water and minimize fire hazard when gas is flowing out diverter line. 3" thread-o-let welded to conductor with 3" minimum nominal dia. and 150 psi minimum working pressure gate or plug valve.
4. 3" welded collar with bullplug. This connection is used to clean out cement.
5. 2" welded collar with tapped bullplug, valve, and pressure gauge.
6. Annular BOP companion flange — screwed or welded to conductor casing. Note: A flanged spool with a diverter line side outlet can be used to save rig-up time.
7. Welded collar — 2" minimum nominal dia. — with bullplug. Cleanout connections.
8. Diverter line minimum Size 6" internal diameter.

NOTE:

A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all of the above equipment including annular BOP, bell nipple and trip tank line connections.

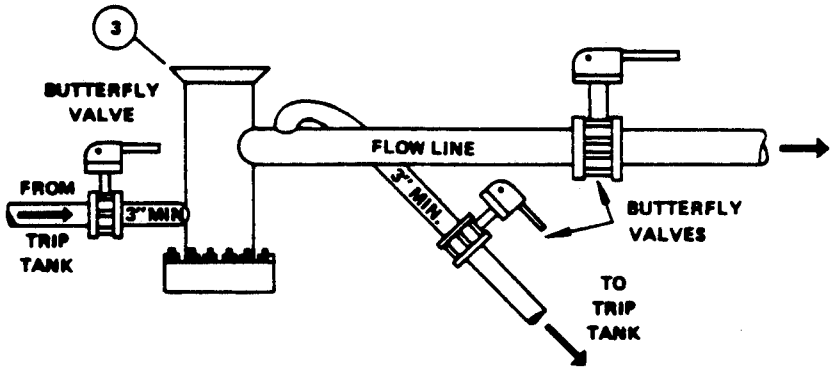
B. The diverter line valves and other diverter component equipment must be 150 psi minimum working pressure. (Offshore 300 psi minimum W.P.)

C. The diverter line valves must be designed to maintain full open or closed position.

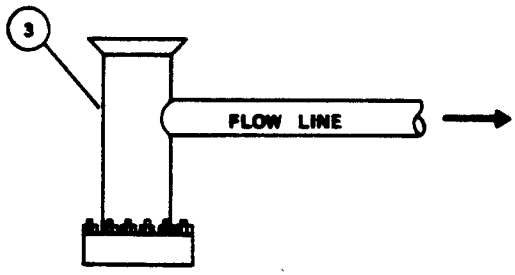
D. Diverter lines must be securely anchored. Sleeve-type couplings should not be used for pipe joint connections and 45° or 90° ells must not be installed on the end of diverter lines to direct flow downward. These can cause the line to "kick-up" when large flow volumes are diverted.

10.25 (CON'T)

III. PUMP-FILL TRIP TANK



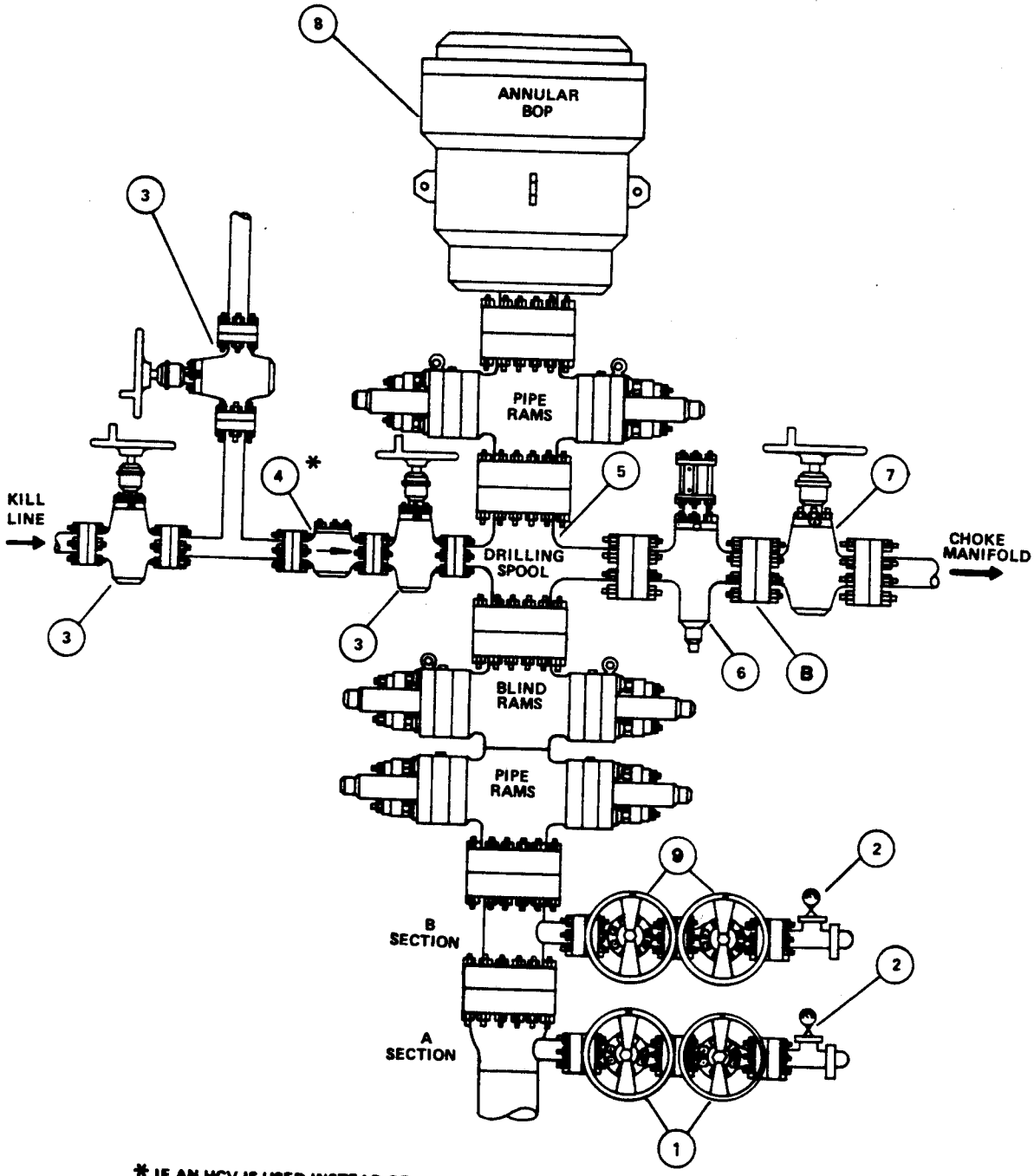
IV. GRAVITY-FILL TRIP TANK



10.26 PUMP-FILL TRIP TANK AND ROTATING HEAD SPECIFICATIONS

1. Flanged rotating head with minimum 500 psi working pressure.
2. Flanged plug or gate valve with minimum 500 psi working pressure.
3. The I.D. of the bell nipple must not be less than the minimum I.D. of the B.O.P. stack.

TYPE-4A BOP STACK
FOUR PREVENTERS
API (RRSRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO THE SPOOL.

COMPONENT SPECIFICATIONS
Type-4A BOP Stack

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged spring-loaded or flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets — 3" choke and 2" kill line minimum nominal dia. (See Table II-4 and Note D.)
6. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
7. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.
9. Flanged plug or gate valve — 2" minimum nominal dia. — same working pressure as "B" section.

NOTE:

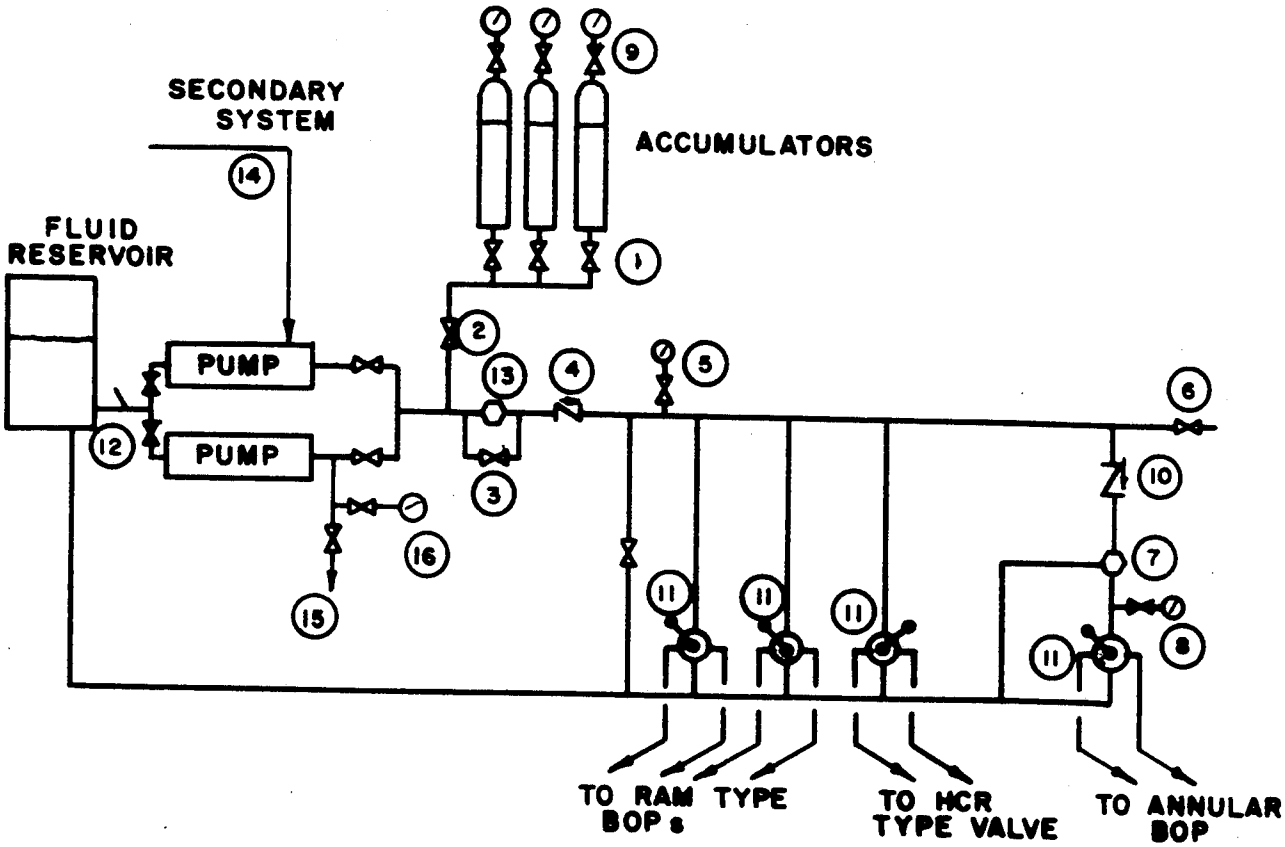
a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

FIGURE I

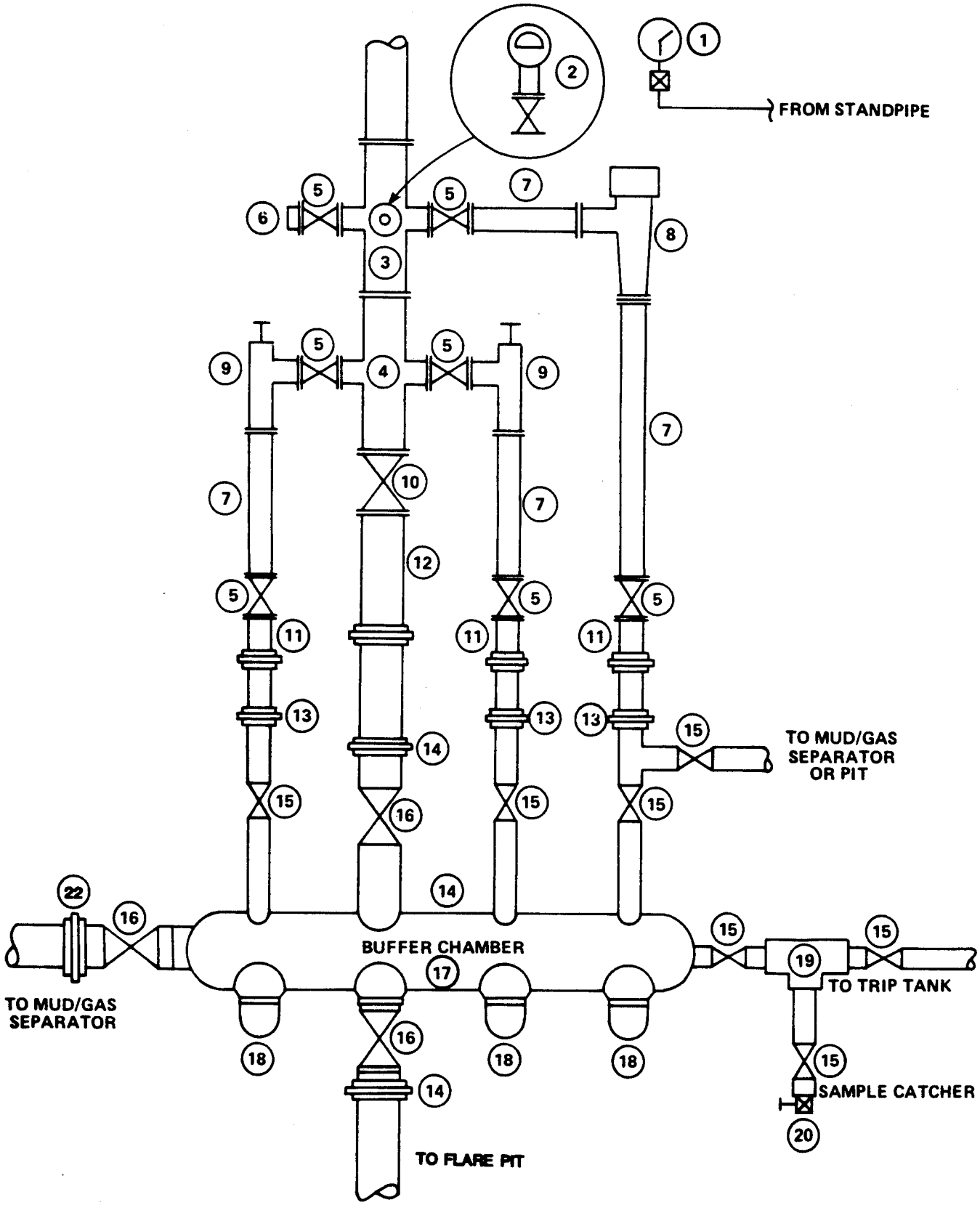
ACCEPTABLE BOP CLOSING UNIT ARRANGEMENT



1. Full opening valve to isolate each accumulator bottle from the accumulator system.
2. Full opening valve to isolate the accumulator system from the closing unit manifold.
3. Bypass line with full opening valve to provide full accumulator pressure to the closing unit manifold. This line and valve are required when a regulator is used to control operating pressure on the ram preventers.
4. Check valve to isolate both the pumps and the accumulator system from the closing unit manifold.
5. Accurate pressure gage to measure closing unit manifold pressure upstream of the Pressure Regulating Valve.
6. Full opening valve to provide connection for another pump.
7. Pressure Regulating Valve to permit regulation of operating pressure on the annular preventer from zero to 1500 psi.
8. Accurate pressure gage to measure the operating pressure downstream of the Pressure Regulating Valve.
9. Necessary fittings and pressure gages to permit measurement of the accumulator pressure at all times.
10. Check valve to isolate the annular preventer regulator from the closing unit manifold.
11. 4-way valves. If Cameron Ramloc 4-way valves are used, remove the check valve from the annular preventer's valve.
12. Pump suction strainer equipped with a good screen.
13. Pressure regulator valve to maintain a maximum pressure of 1500 psi on manifold if pumps and accumulators are operated at higher pressures.
14. A secondary power of electricity or air.
15. Line to floor for testing BOP equipment.
16. Accurate pressure gage to observe test pressure.

FIGURE V-2

GUIDELINE FOR ARRANGEMENT OF THREE CHOKE MANIFOLD



COMPONENT SPECIFICATIONS
Figure V-2

1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphram type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged or studded cross — 3" x 3" x 2" x 2" minimum nominal dia.
5. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
6. Blind flange.
. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.
8. Flanged hydraulic choke with maximum size orifice opening.
9. Flanged manually — adjustable choke equipped with tungsten carbide stems and seats with maximum orifice opening.
10. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as chokes.
11. Companion flange with screwed nipple — 2" minimum nominal diameter.
12. Companion flange with screwed nipple — 3" minimum nominal diameter.
13. Screwed unions with nipple — 2" minimum nominal dia., flat face, hammer type.
14. Screwed unions with nipple — 4" minimum nominal dia., flat face, hammer type.
15. Screwed plug or gate valve — 2" minimum nominal diameter.
16. Screwed plug or gate valve — 4" minimum nominal diameter.
17. Buffer Chamber is optional — 8" minimum nominal dia. (Sch. 160 preferred).
18. Saddle welded to manifold with 3" screwed bullplug in place.
19. Screwed tee-2" minimum nominal diameter.
20. Screwed bullplug with screwed 1/2" needle valve for obtaining a flowing fluid sample.
21. Spare gauges.
22. **Screwed plug or gate valve — 6" minimum nominal diameter.**

NOTE:

A. The rated working pressure of the choke manifold equipment will be specified in the BID LETTER AND/OR DRILLING CONTRACT.

B. Unless specified otherwise in the BID LETTER AND/OR DRILLING CONTRACT, the Contractor will furnish and maintain all components shown except Item 1 which will be furnished by Exxon.

C. Contractor must furnish an acceptable mud/gas separator for each well. This separator must be equipped at all times with a 6" (minimum nominal dia.) gas flare line to exhaust gas to the flare line.

D. All components must comply with the attached *Specifications for Choke Manifold Piping, Fitting, and Connections.*

E. Plug valves should be equivalent to the Howco Lo-Torc and Gate Valves equivalent to the Cameron Type 'F'.

F. Crosses and valves may be substituted for the Buffer Chamber — Item 17.

G. Second hydraulic choke may be added, if specified, in place of one of the manually — adjustable chokes.

SURFACE USE PLAN

Exxon Corporation
U. P. RR "B" #1
1997' FEL & 1858' FSL, Section 25, T1N, R4E
Summit County, Utah

1. EXISTING ROADS - Exhibit "A" consists of a portion of the Wanship, Utah U.S.G.S. 7.5' quadrangle.

   A. The attached map shows the proposed well site as staked.

   B. From the intersection of U.S. Highway 189 and Interstate 80 at Wanship, Utah proceed south for .6 mile. Turn west and follow the jeep trail for .9 mile. At this point follow the new flagged alignment for 1.3 miles to the location.

   C. Approximately 2.2 miles of new road will be constructed to provide site access.

   D. Existing roads in the immediate vicinity are identified on Exhibit "A".

   E. This is an exploration well.

2. PLANNED ACCESS ROADS - Approximately 2.2 miles of new road will be constructed.

   A. The width of the new road will be approximately 16 feet for the total length.

   B. There are no grades over 10% on this route.

   C. Turnouts will be spaced as required during construction.

   D. Ditches will be constructed where necessary to keep water off the road.

   E. Culverts will be placed as needed during construction. A cattle-guard will be installed in the west right-of-way fence to U.S. Highway 189.

   F. No major cuts or fills will be needed.

   G. The realigned portion of access road has been centerline flagged.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS - none known.

4. TANK BATTERIES, PRODUCTION FACILITIES AND PIPELINES

In the event of production, necessary production facilities will be constructed on the well pad. All areas not needed for production facilities will be reshaped and seeded.

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be obtained from the Weber River northeast of Wanship, as shown on the attached map. A permit for this source is being obtained from the State of Utah.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials will be purchased from a private source. Materials will be hauled to the site over existing roads and a new access road.

7. METHODS FOR HANDLING WASTE DISPOSAL

A. Drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling. The reserve pit will be fenced on three sides with 4 strands of barbed wire during drilling and on four sides after the rig is released. Drill cuttings will be disposed of in the reserve pit and buried following the completion of drilling.

B. Trash and garbage will be contained within a fenced enclosure. Upon completion of operations all trash will be buried with at least a 24" cover unless ground freeze prevents burial.

8. ANCILLARY FACILITIES

No camps, airstrips, etc. will be required. Driller/Geologist trailer required at the drill site will be set on the drill pad.

9. WELL SITE

A. The location size is 425' x 220'.

B. All drilling equipment including living facilities will be located on the well site.

C. A 12' deep reserve pit will provide approximately 23,000 barrels working capacity. The reserve pit will be unlined unless subsurface conditions encountered during construction require a liner for lateral containment of fluids.

10. RESTORATION OF SURFACE

A. On completion of the operation and burial of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying time. Drill site surface will be reshaped to combat erosion and stockpiled topsoil will be distributed to extent available. Prior to leaving the drill site upon rig move-out, any pit that is to remain open for drying will be fenced until backfilled and reshaped.

B. The drilling location and access road will be reshaped and seeded as per landowner recommendations.

C. Any oil on pits will be removed or overhead flagging will be installed.

D. Rehabilitation operations will start in the spring after completion and be completed in the fall.

11. OTHER INFORMATION

A. Topography of the area is mountainous, vegetation consists mainly of sagebrush, oakbrush, and native grasses. Surface use activity other than grazing is carried on in the immediate area.

12. OPERATOR'S REPRESENTATIVE - Exxon's field representative for contact regarding compliance with the Surface Use Plan is:

Tom Mixon
P.O. Box 230
Midland, Texas 79702
Office Phone: (915) 686-4734

13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, 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 Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date 7-1-85

Name and Title Thomas O. Mixon Operation Supt

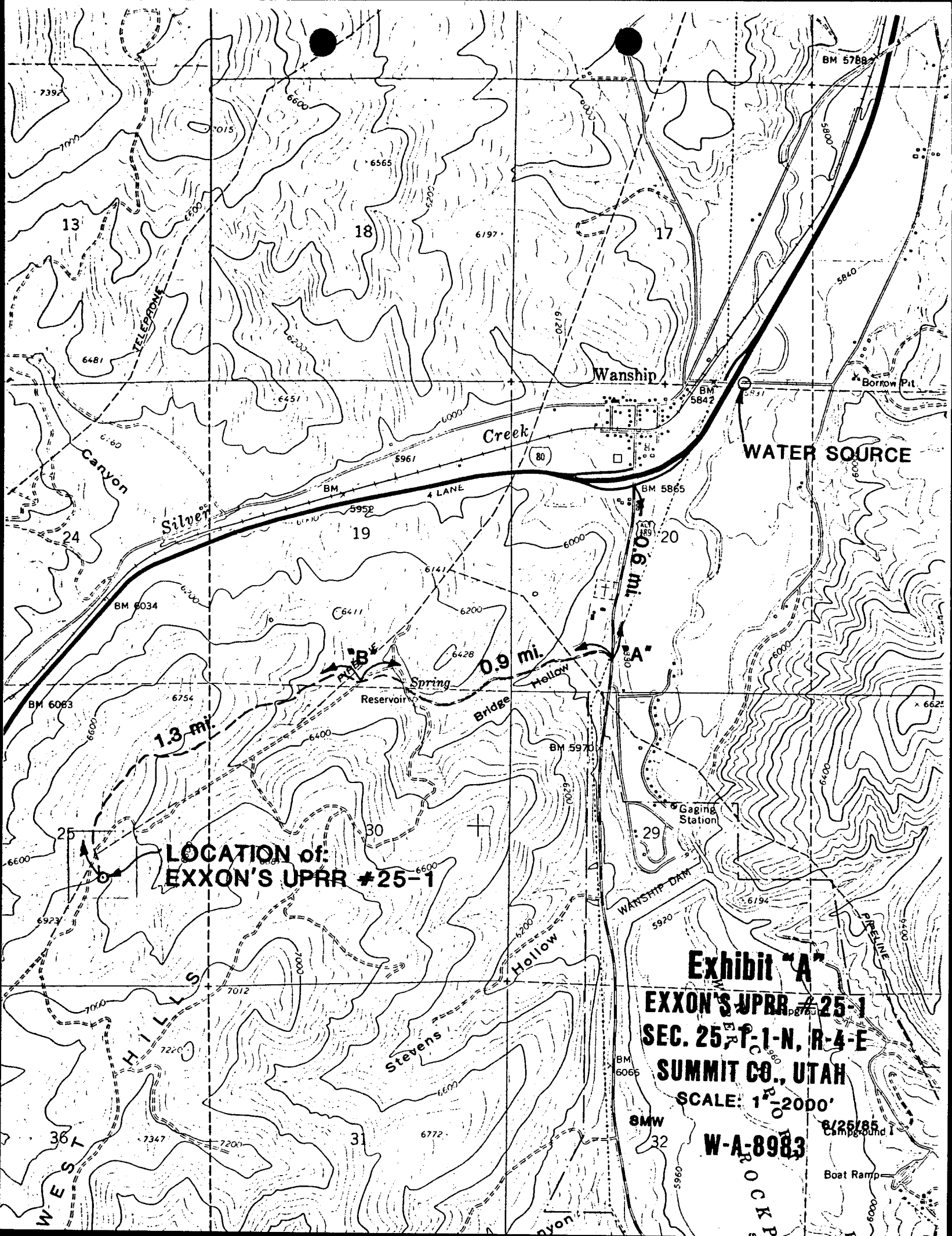


Exhibit "A"
EXXON'S UPRR #25-1
SEC. 25, T-1-N, R-4-E
SUMMIT CO., UTAH
SCALE: 1"=2000'
6/25/85
W-A-8983
LOCATION of:
EXXON'S UPRR #25-1
WATER SOURCE
Wanship
Silver Creek
Canyon
TELEPHONE
4 LANE
Borrow Pit
Reservoir
Spring
Bridge Hollow
Gaging Station
WANSHIP DAM
Stevens Hollow
WEST HILLS
PIPELINE
Campground
Boat Ramp
0.6 mi.
0.9 mi.
1.3 mi.
"A"
"B"
BM 5788
BM 5842
BM 5865
BM 5952
BM 6034
BM 6063
BM 5970
BM 6066
13
18
17
24
19
20
25
30
29
36
31
32

EXXON COMPANY, U.S.A.
Midcontinent Division
Northern Drilling Organization

H_2S CONTINGENCY PLAN

DATE: July 2, 1985

WELL NAME: Union Pacific Railroad B #1 PROJECTED TD: 13,200'

LOCATION: NWSE, Section 25, T1S, R4E

Summit County, Utah

FIELD/PROSPECT NAME: Silver Creek Prospect

H_2S GENERAL INFORMATION:

SOUR FORMATION:
Nugget DEPTH: 12900 H_2S CONC: 129000 PPM 100 PPM RADIUS OF EXPOSURE: 2 miles

DEPTH: ____ H_2S CONC: ____ PPM 100 PPM RADIUS OF EXPOSURE: ____

NOTE: The Nugget does not produce H_2S gas but source for Nugget gas if found in this well is expected to be the Phosphoria, which does produce sour gas.

I. Introduction. The objective of this contingency plan is to provide an organized plan of action for alerting and protecting the public from H_2S exposure in the event a potentially hazardous volume is accidentally released to the atmosphere. This plan should be activated immediately if any such release occurs. Exxon's Drilling Superintendent is responsible for initiating and carrying out the plan.

NOTE: Full compliance of the precautionary measures outlined in this plan will be implemented no less than 1,000 feet above the first H_2S formation encountered. Exxon plans to implement safety equipment at 11,200'.

II. Individual Responsibilities. It is the responsibility of the Exxon Drilling Superintendent to see that all personnel on the location familiarize themselves with the procedures outlined in this contingency plan.

A. All personnel:

1. Responsible for his assigned safety equipment.

2. Responsible for familiarizing himself with the location of all safety equipment.

3. Responsible for reporting any indications of H_2S to those in the area and to a supervisor.

B. Drilling Superintendent:

1. Responsible for thoroughly understanding and seeing that all aspects of this contingency plan are enforced.

2. Responsible for implementing all phases of this contingency plan.

3. Responsible for keeping a minimum of personnel on the location during expected hazardous operations.

4. Responsible for coordinating all wellsite operations and communications in the event that an emergency condition develops.

5. Responsible for ensuring that all visitors receive an H_2S safety orientation.

   NOTE: All personnel on location must be clean shaven.

6. Responsible for notifying the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H_2S release. See Appendix A - List of Emergency Telephone Numbers.

III. Location Layout. The following is a list of the minimum safety equipment required by Exxon. Included in this list is the recommended location for each item. See Appendix B - Plat of Location and Appendix C - Location Layout.

A. Five work units with escape bottles to be located on the rig floor.

B. Two 30-minute rescue units. Will be located at Exxon's and Rig Contractor's trailer.

C. One oxygen powered resuscitator with cylinder and case.

D. One four-channel fixed electronic monitoring system with sensors and alarms (explosion proof light and siren). System will be calibrated such that a flashing red light goes off at 10 ppm H_2S and the siren sounds at 20 ppm H_2S. Rig up sensors in the following locations: bell nipple; shale shaker; rig floor; and the mud/gas separator (when applicable).

E. One hand operated portable pump type H_2S/SO_2 gas detector with two boxes of colormetic tubes (H_2S/SO_2) to be located in the Exxon trailer.

   NOTE: Have tubes available for all levels of H_2S concentration.

F. Two luminous wind socks with frames and extension poles. Wind socks must be placed so that they are visible by day and by night from all points on location.

G. One flare gun with shells to be located in the Exxon trailer.

H. Two "H_2S Briefing Area" signs.

   NOTE: The "main" briefing area will be at least 200' from the wellbore in the predominantly up-wind direction.

I. One "Caution - Poison Gas" signs to be located at each location entrance.

NOTE: Signs will be black and yellow in color and of a readable size at a reasonable distance.

J. Several "No Smoking" signs to be placed at strategic points around the rig.

K. One operating condition sign with flags at each well entrance. Condition I - green flag; Condition II - yellow flag; and Condition III - red flag.

L. Two means of communication. Note: Exxon radio phone will be located in the Exxon trailer and contractor radio phone will be located in the doghouse.

IV. Operating Procedures. The following operating procedures will be utilized for drilling in areas with H_2S.

A. Plan of operation for handling gas kicks and other drilling problems. Any gas kick will be controlled by using approved Exxon well control techniques. Upon evidence that ambient H_2S concentrations have reached 20 ppm, all non-essential personnel will be evacuated to pre-designated safe areas and those remaining will don self-contained breathing apparatus. Personnel remaining on the rig floor will continue to control the well as the situation dictates until the area is safe to re-enter.

B. Proposed mud program.

DEPTH INTERVAL (Ft)	TYPE	WEIGHT (ppg)	FUNNEL VISC. (Sec/Qt)	MEAS. AT 120°F PV (cp)	YP (lb/100 ft^2)	WL (cc)	SOLIDS (%)	pH	CL- (ppm)
0- 3,200	Spud	---	----	--	--------	--	---	-	---
3,200-10,500	FWG	8.8- 9.0	35-40	--	--------	10-15	---	9.5-10.5	--
10,500-11,200	SWG	9.0-10.0	35-40	--	--------	10-15	---	9.5-10.5	--
11,200-TD	FWG	8.8- 9.2	40-45	--	--------	10-15	---	10.5+	--

NOTE: If necessary, Exxon approved H_2S scavengers may be used. See Appendix D - H_2S Scavenger.

C. BOP equipment.

DEPTH INTERVAL	MCD SPEC.	COMMENT
0-3,200	Type B	Diverter
3,200-TD	Type 4A	Figure V-2 Choke Manifold

NOTE: Ensure that all BOP equipment is trimmed for H_2S service. See Appendix E - Method and Frequency of testing blowout preventers and Appendix F - BOP Sketch.

D. Tubular Equipment. All tubular goods and wellheads must be suitable for H_2S operations as per Exxon Headquarters Guidelines dated June 1, 1979.

E. Special Operations.

1. Drill stem tests. All drill stem tests will be limited entry or closed chamber type. A downhole safety valve will be be used. Packer fluid will have a pH of 10.5 or higher. I.D. of drill pipe will be treated with a filming amine corrosion inhibitor before the test. Test will be conducted during daylight hours and will be reversed out before pulling the drill string. NOTE: Notify all necessary regulatory agencies before conducting any drill stem tests.

2. Coring. After a core has been cut, circulate bottoms up and monitor for H_2S. If hole conditions (and/or H_2S detectors) indicate potentially hazardous conditions, put breathing equipment on 10 stands before core barrel reaches the surface. Breathing equipment will be worn by all personnel while core barrel is pulled, broken out, and opened up, and until a safe atmosphere is indicated.

V. Operating Conditions. Operating conditions are defined in three categories. A description of each of these conditions and the required action to take are given below.

A. CONDITION I - NORMAL OPERATING CONDITIONS, POTENTIAL DANGER, OPERATIONS UNDER CONTROL

Characterized by: Normal drilling operations and test operations in zones which contain or may contain H_2S.

Warning flag: Green

Alarm: None.

Probable occurrence: No detecable gas present at surface.

General action:

(1) Know location of safety equipment.

(2) Check safety equipment for proper functioning. Keep it available.

(3) Be alert for a condition change.

(4) Follow instructions of supervisor.

B. CONDITION II - POTENTIAL TO MODERATE DANGER TO LIFE

Characterized by: H_2S gas present. Concentrations less than 20 ppm.

Warning flag: Yellow

Alarm: Flashing light at 10 ppm H_2S.

Probable occurrence:

(1) As drill gas.

(2) As trip gas when circulating bottoms up.

(3) When a core barrel is pulled.

(4) When a well kick is circulated out.

(5) Surface pressure, well flow or lost returns problems.

(6) Equipment failure during testing operations.

General action:

(1) Follow instructions of supervisor.

(2) Put on breathing equipment if directed, or if conditions warrant it.

(3) Stay in "SAFE BRIEFING AREA" if instructed, and not working to correct the problem.

(4) The Exxon Drilling Superintendent will initiate action to reduce the H_2S concentration to zero.

C. CONDITION III - MODERATE TO EXTREME DANGER TO LIFE

Characterized by: H_2S present in concentrations at or above 20 ppm. Critical well operations or well control problems. In the extreme, loss of well control.

Warning flag: Red.

Alarm: Flashing light and continuous blast on horn at 20 ppm H_2S.

Probable occurrence:

(1) As drill gas.

(2) As trip gas when circulating bottoms up.

(3) When a core barrel is pulled.

(4) When a well kick is circulated out.

(5) Surface pressure, well flow or lost returns problems.

(6) Equipment failure during testing operations.

General action:

(1) Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problems.

(2) Follow instructions of Exxon Drilling Superintendent or other supervisor.

(3) The Exxon Drilling Superintendent will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, well will be shut-in.

(4) The Exxon Drilling Superintendent will conduct any necessary operations with an absolute minimum of personnel. All persons in the immediate hazard area will wear a self-contained breathing apparatus. All other personnel will restrict their movement to those directed by the Superintendent.

VI. Emergency Procedures. The procedures listed below apply to drilling and testing operations.

A. If at any time during Condition I, the mud logger, mud engineer, or any other person detects H_2S, he will notify the Exxon Drilling Superintendent. All personnel should keep alert to the Exxon Drilling Superintendent's orders. He will:

1. Immediately begin to ascertain the cause of the source of the H_2S and take steps to reduce the H_2S concentration to zero. This should include having the mud engineer run a sulfide and pH determination on the flowline mud if water-base mud is in use. If an oil-base mud is in use, the mud engineer should check the lime content of the mud.

2. Order non-essential personnel out of the potential danger area.

3. Order all personnel to check their safety equipment to see that it is working properly and in the proper location. Persons without breathing equipment will not be allowed to work in a hazard area.

Note: Remember to use the buddy system when working to correct the problem.

4. Notify the Contract Supervisor of condition and action taken.

5. Increase gas monitoring activities (portable H_2S detectors) and continue operations with caution.

6. Display the yellow warning flag.

7. Notify the drilling office.

B. If the H_2S concentration exceeds 20 ppm, the following steps will be taken:

1. Evacuate quickly to the "SAFE BRIEFING AREA" if instructed or conditions warrant.

2. Put on breathing equipment.

3. Help anyone who may be affected by gas.

4. Driller - prepare to shut the well in.

   a. Pick up pipe to get kelly out of BOP's.

   b. Close BOP's if necessary.

5. If testing operations are in progress, the well will be shut-in.

6. Display the red warning flag.

C. In the event a potentially hazardous volume of H_2S is released to the atmosphere, the following steps must be taken to alert the public:

1. Remove all rig personnel from the danger area and assemble at a predetermined safe area, upwind from the well site.

2. Have personnel put on breathing equipment.

3. Help anyone who may be affected by gas.

4. Secure rig, if possible.

5. Determine the cause or source of H_2S.

6. Alert the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H_2S release. See Appendix A - List of Emergency Telephone Numbers.

7. Assign personnel to block any public road (and access road to location) at the boundary of the area of exposure. Any unauthorized people within the area should be informed that an emergency exists and be ordered to leave immediately.

8. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.

9. In the event of an uncontrolled emergency, a flare gun and shells will be provided to ignite the well. Normally, approval for the Exxon Drilling Superintendent to ignite the well would have to be given by Exxon Company management. However, in the event of an extreme emergency and management personnel cannot be contacted, the Exxon Drilling Superintendent will be authorized to ignite the well.

   Note: Drilling Superintendent will position himself at a distance of approximately 500' upwind of the wellbore. Remember, when gas containing hydrogen sulfide is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is also poisonous. Keep all personnel out of exposed area.

VII. Training Program. All personnel associated with the drilling operations will receive training to insure efficient and correct action in all situations. This training will be in the general areas of (1) personnel safety, (2) rig operations, and (3) Exxon well control procedures.

A. Personnel Safety Training. All personnel shall have received H_2S training from a certified instructor in the following areas:

1. Hazards and characteristics of H_2S.

2. Effect on metal components of the system.

3. Safety procedures outlined in the Contingency Plan.

4. Operation of safety equipment and life support systems.

   Note: While drilling through sour formations, H_2S drills will be conducted weekly for each tour.

B. Rig Operations. All rig personnel shall have received training in the following areas:

1. Well control procedures.

2. Layout and operations of the well control equipment.

   Note: Proficiency will be developed through BOP drills which will be documented by the Exxon Drilling Superintendent. All rig personnel will provide their own breathing equipment.

C. Well Control Procedures. All Exxon employees will be required to have attended the Exxon (or equivalent) well control and blowout preventer equipment school within the past two years.

D. Service Company Personnel. All service personnel shall have been trained by their employers in the hazards and characteristics of H_2S and the operations of safety equipment and life support systems. Note: All service company personnel will provide their own breathing equipment.

E. Visitors. All first time visitors to the location will be required to attend a safety orientation. The Exxon Drilling Superintendent shall be responsible for this orientation, and he shall see that every visitor is logged in correctly. Note: No more than fifteen people should be on location during normal drilling operations. All visitors will provide their own breathing equipment.

*F. Public. The public within the area of exposure shall be given an advance briefing by Exxon's Drilling Superintendent. This briefing must include the following elements.

1. Hazards and characteristics of hydrogen sulfide. It is an extremely dangerous gas. It is normally detectable by its "rotten-egg" odor, but odor is not a reliable means of detection because the sense of smell may be dulled or lost due to intake of the gas. It is colorless, transparent, and flammable. It is heavier than air and may accumulate in low places.

2. The necessity of an emergency action plan. Due to the danger to persons exposed to hydrogen sulfide and the need for expeditious action should an emergency occur, this action plan will be put into effect if and when a leak occurs.

3. The location of hydrogen sulfide within the area of exposure. At the drilling location.

4. The manner in which the public will be notified of an emergency. By telephone or personal contact.

5. Steps to be taken in case of an emergency.

   a. Abandon danger area.

   b. Notify necessary agencies and request assistance for controlling traffic and evacuating people.

*At this time, Step "F" is not applicable. There are not any permanent residences in the radius of exposure. If the conditions change during the course of drilling the well, Step "F" will be put into practice.

APPENDIX A

EMERGENCY TELEPHONE LIST

Northern Drilling Organization
(Exxon Information (915) 683-0100, 7:30 am - 4:30 pm M-F)

A. EXXON PERSONNEL

1. Drilling Superintendents:	A. L. Brown		
	B. G. Saul		
2. Drilling Operations Superintendents:	T. D. Mixon	Home:	686-9262 *
		Work:	686-4734
	D. H. Mutti	Home:	697-2890
		Work:	686-4360
	A. L. Sossaman	Home:	682-7103
		Work:	686-4352
3. Division Drilling Manager:	E. W. Thomas	Home:	686-8590
		Work:	686-4355
4. Drilling Engineering Manager:	P. T. Apperson	Home:	683-3481
		Work:	686-4358
5. Supervising Drilling Engineer:	D. L. Whiteman	Home:	697-9989
		Work:	686-4362
6. Drilling Engineer:	S. F. Harrill	Home:	687-2632
		Work:	686-4491

* All AC 915

B. MEDICAL PERSONNEL

1. Ambulance(s): Call Summit County Sherrif's Office

2. Hospital(s): Call Sheriff's Office
or 801/336/4403 (Coalville Health Clinic).

3. Doctor(s): Call Sheriff's Office

C. FIREFIGHTING AND PUBLIC SAFETY PERSONNEL

1. Fire Department(s): Call Sheriff's Office. (Coalville and Wanship)

2. Police Department(s): Call Sheriff's Office

3. County Sheriff: 911 or 801/336-4461 (Coalville)

4. State Police: Call Sheriff's Office.

Appendix A
Emergency Telephone List Continued

D. GOVERNMENT AGENCIES

1.	State of Utah Natural Resources, Oil Gas & Mining	801/538-5340
2.	Bureau of Land Management:	N/A
3.	Summit County Health Dep't:	801/336-4451 (Coalville)

E. SERVICE COMPANIES

1.	Pump Truck(s):	Halliburton Services 307/789-3932 (Evanston, Wyoming)
2.	Dirt Contractor(s):	*
3.	Roustabout Crew(s):	*
4.	H_2S Service Companies:	*
5.	Drilling Contractor:	Forwest Limited One 303/573-1661 (Denver, Colorado)
6.	Others:	

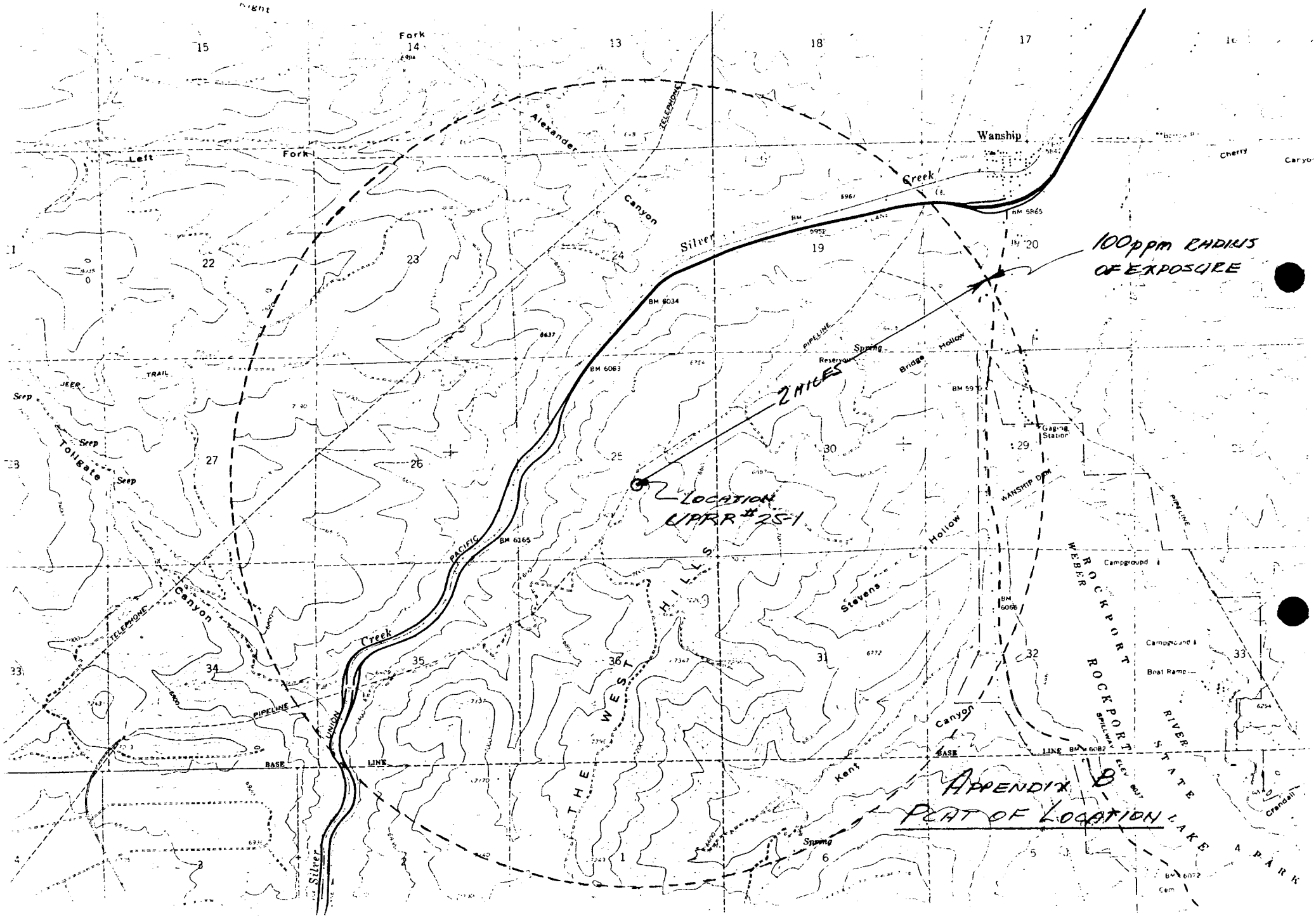
* To be selected.

Appendix A
Emergency Telephone List Continued

G. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

	NAME/ADDRESS	TELEPHONE NO.	(A)	(B)
1.	NOTE: This list is to be prepared and distributed as soon as			
2.	Exxon Drilling personnel are on location and residents and			
3.	responsible parties can be contacted.			
4.				
5.	Estimated time from spud to 11,200' at which depth this			
6.	Contingency Plan will be implemented, is 107 days.			
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				

(A) Check when briefed as per Section VII, F.
(B) Check when notified of emergency.

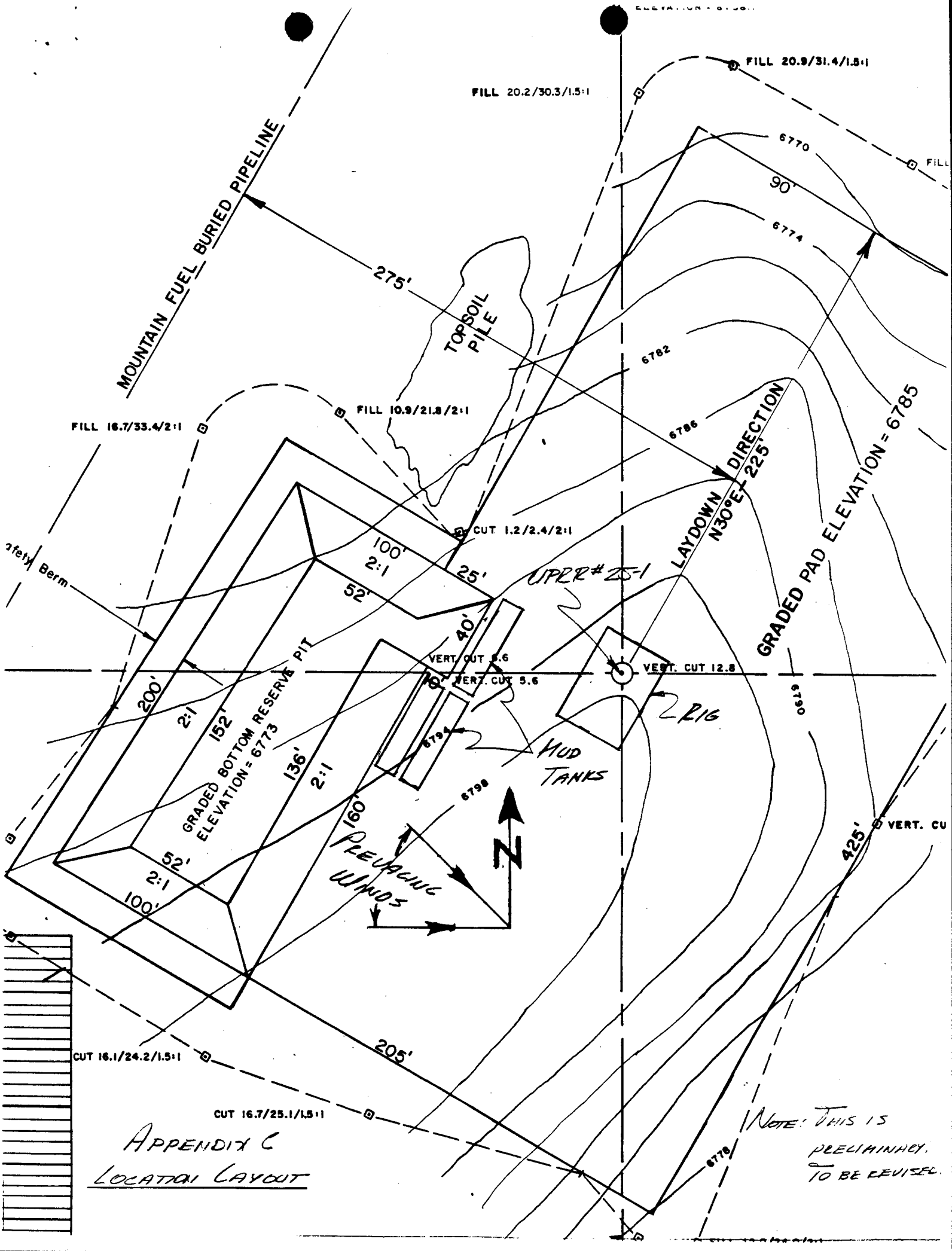

100ppm RADIUS OF EXPOSURE
2 MILES
LOCATION UPRR #25-1
APPENDIX B
PLAT OF LOCATION
Wanship
Silver Creek
Alexander Canyon
Left Fork
Tollgate Canyon
Stevens Hollow
Kent Canyon
Bridge Hollow
Spring
Reservoir
Gaging Station
WANSHIP DAM
ROCKPORT RIVER
WEBER
ROCKPORT STATE LAKE PARK
Campground
Boat Ramp
THE WEST HILLS
PACIFIC
UNION
PIPELINE
TELEPHONE
JEEP TRAIL
Seep
BASE LINE
Crandall
Cherry
Cem

APPENDIX C

LOCATION LAYOUT

NOTE: Location layout will be prepared and distributed as soon as the location has been completed and the drilling rig and all related equipment are on the location. Among other things, layout will include location of the safe briefing areas, wind socks, warning signs and access road.

Attached is a preliminary location layout showing location of the drilling rig and the pits and the prevailing wind. Due to the terrain and a nearby buried pipeline, it was not feasible to locate the rig upwind of the pits. This is not considered to be a serious problem.


FILL 20.9/31.4/1.5:1
FILL 20.2/30.3/1.5:1
MOUNTAIN FUEL BURIED PIPELINE
6770
90'
6774
275'
TOPSOIL PILE
6782
FILL 10.9/21.8/2:1
FILL 16.7/33.4/2:1
6786
LAYDOWN DIRECTION N30°E 225'
GRADED PAD ELEVATION = 6785
CUT 1.2/2.4/2:1
Safety Berm
100'
2:1
25'
52'
UPER #25-1
40'
VERT. CUT 5.6
VERT. CUT 5.6
VERT. CUT 12.8
200'
2:1
152'
GRADED BOTTOM RESERVE PIT ELEVATION = 6773
136'
2:1
6794
RIG
MUD TANKS
6790
6798
160'
PREVAILING WINDS
N
52'
2:1
100'
425'
VERT. CU
205'
CUT 16.1/24.2/1.5:1
CUT 16.7/25.1/1.5:1
6778
APPENDIX C
LOCATION LAYOUT
NOTE: THIS IS PRELIMINARY. TO BE REVISED.

APPENDIX D
H_2S SCAVENGER

Normally a zinc carbonate is used for treating out H_2S in drilling fluids. However, zinc carbonate is insoluble and will settle out in clear fluids (FW and BW). Therefore chelated zinc lignosulfonate is recommended as an H_2S scavenger for clear water drilling fluids and for water blankets in sour test DSTs.

1) Mix 2 ppb of H_2S scavenger into water blanket. (Use at least 50 lb).

2) If no water blanket is required, mix 50 lbs of H_2S scavenger into 1 barrel of water and pour down the drill pipe.

3)

Manufacturer	Product Name	Packaging
Corrosion Ltd.	*Chelated Zinc Lignosulfonate	30 gal. drum
IMCO	Sulfex-2	50 lb. bags
Magcobar	*SV-70	30 gal. drum
Milchem	Milgard-R	50 lb. bags
NL Chemicals	Coat-45	50 lb. bags

*If using either of these products, pour a 30 gallon drum into the drill pipe whether or not water blanket is required.

APPENDIX E

Method and Frequency of Testing Blowout Preventers

CASING STRING	INITIAL TEST PRESSURE (PSI) CASING	BOP'S	WEEKLY TEST PRESSURE (PSI) TOP 100' OF CASING BOP'S
20	150	150	N/A
13-3/8	3000	300/3000	300/2000
9-5/8	5000	300/5000	300/3000

1. Equipment will consist of a 5 function (Minimum) hydraulic BOP control unit located a minimum of 60 feet upwind of the well bore with a remote station on the rig floor. The control unit shall have the minimum following features and/or capabilities:

   a. Sufficient accumulator capacity to close all preventers and open the choke line valve and still have 1200 psi pressure when used with BOP stacks to 3000 psi WP.

   b. Sufficient accumulator capacity to cycle all preventers and the choke line valve and still have 1200 psi when used with BOP stacks with 5000 psi or greater WP.

   c. Sufficient pump capacity to close the annular preventer on the drill pipe to be used and open the choke line valve and obtain 1200 psi on the manifold in two minutes or less.

   d. Two different power sources and a minimum of two pumps required.

   e. A connection on the manifold for an outside source of hydraulic pressure.

   f. A full opening block valve in the closing line of the annular preventer next to the preventer.

   g. Working pressure of the manifold and control line piping equal to or greater than BOP stack working pressure up to a maximum of 5000 psi.

   h. Pressure gauges indicating accumulator pressure and manifold pressure downstream of each regulator.

2. Hand wheels shall be installed on all hydraulically operated ram-type BOP's and valves.

3. An upper kelly cock shall be installed above the kelly and a lower kelly cock (full-opening ball type safety valve) shall be installed below the kelly. Also, a full-opening ball type safety valve to fit each type of drill pipe in use shall be on the rig floor, in the open position, at all times.

4. A box by pin nipple with Otis Type "N" profile shall be run in the drill pipe one to four joints above the drill collars while drilling. An Otis Type "N" locking mandrel with a Type "T" (stem and seat) injection safety valve to fit the above profile shall be available on the rig. The safety valve in Section C shall have an inside diameter greater than the outside diameter of the above plug.

5. All turns or bends in the choke line, choke manifold, flare lines, or diverter lines will be targeted. Turns or bends upstream of the chokes will be targeted using only flanged or welded connections.

6. Prior to installation all BOP equipment will be inspected by operator's representative. This inspection will include visual inspection of ring grooves, bonnet seals, connecting rods, and body bore and pressure testing of the opening and closing chambers to pressure limits approved by manufacturer.

7. Annular preventers will be closed on a joint of pipe and tested to full working pressure upon initial installation or subsequent replacement of the packing element.

8. All ram type preventers and hydraulically operated gate valves will be pressure tested to 200-300 psi and full working pressure upon installation.

9. The full BOP stack will be pressure tested every 21 days and after each ram change to 200-300 psi and to the lower of the following maximums:

   a. Required working pressure on ram type preventers.
   b. 70% required WP on annular type preventers.
   c. Wellhead working pressure.

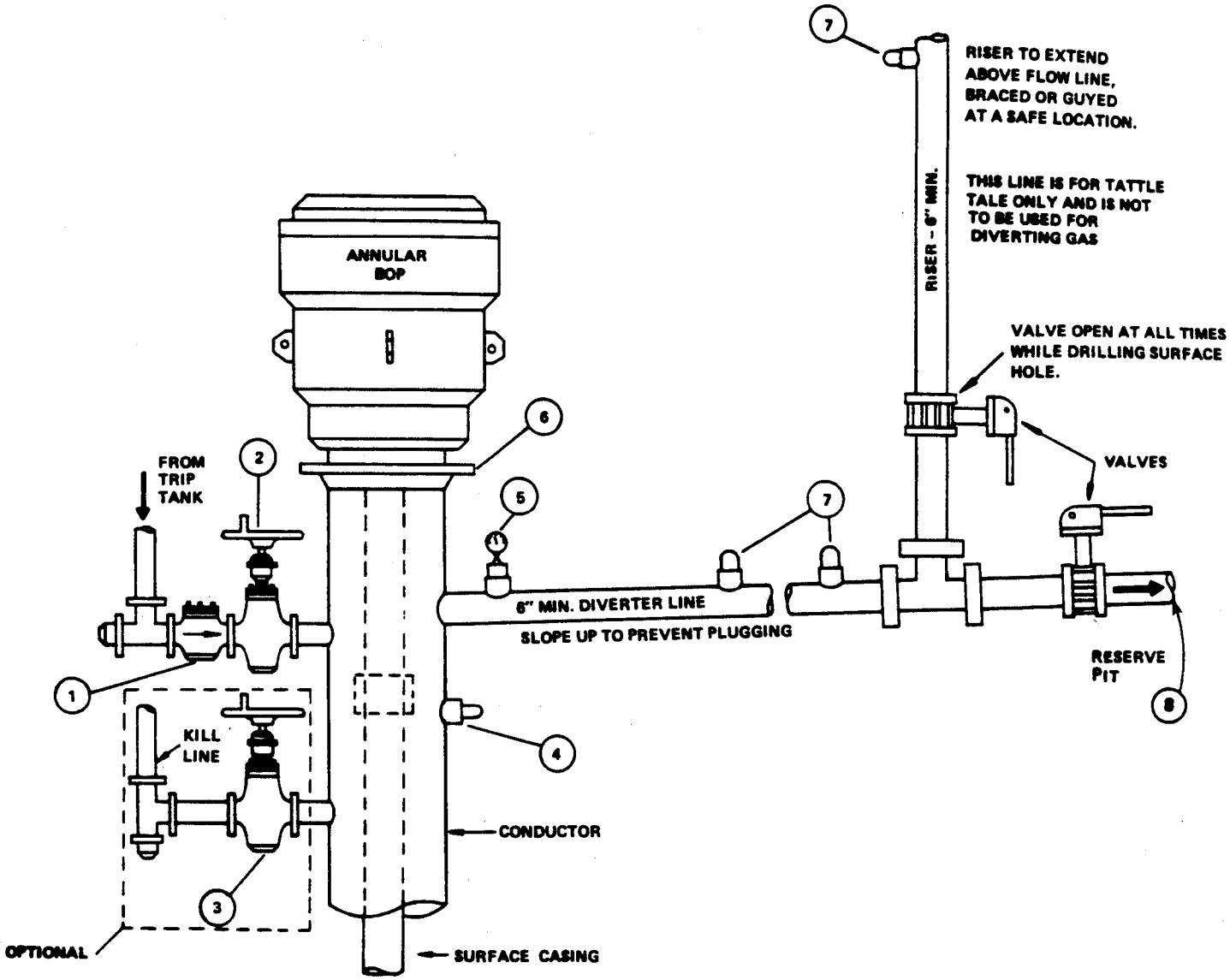
10. An operational test of the blowout preventers will be performed on each round trip, but no more than once each day. The annular and pipe ram preventers will be closed on pipe; the blind rams closed while out of the hole.

11. A drilling crew proficiency test to perform the well shut-in procedure will be performed at least once each week with each crew.

APPENDIX F

BOP SKETCH

10.1 TYPE-B DIVERTER SYSTEM



10.2 COMPONENT SPECIFICATIONS
Type-B Diverter System

1. Flanged or screwed flapper type check valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
2. Flanged or screwed gate or plug valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
3. Optional — Kill line to pump water and minimize fire hazard when gas is flowing out diverter line. 3" thread-o-let welded to conductor with 3" minimum nominal dia. and 150 psi minimum working pressure gate or plug valve.
4. 3" welded collar with bullplug. This connection is used to clean out cement.
5. 2" welded collar with tapped bullplug, valve, and pressure gauge.
6. Annular BOP companion flange — screwed or welded to conductor casing. Note: A flanged spool with a diverter line side outlet can be used to save rig-up time.
7. Welded collar — 2" minimum nominal dia. — with bullplug. Cleanout connections.
8. Diverter line minimum Size 6" internal diameter.

NOTE:

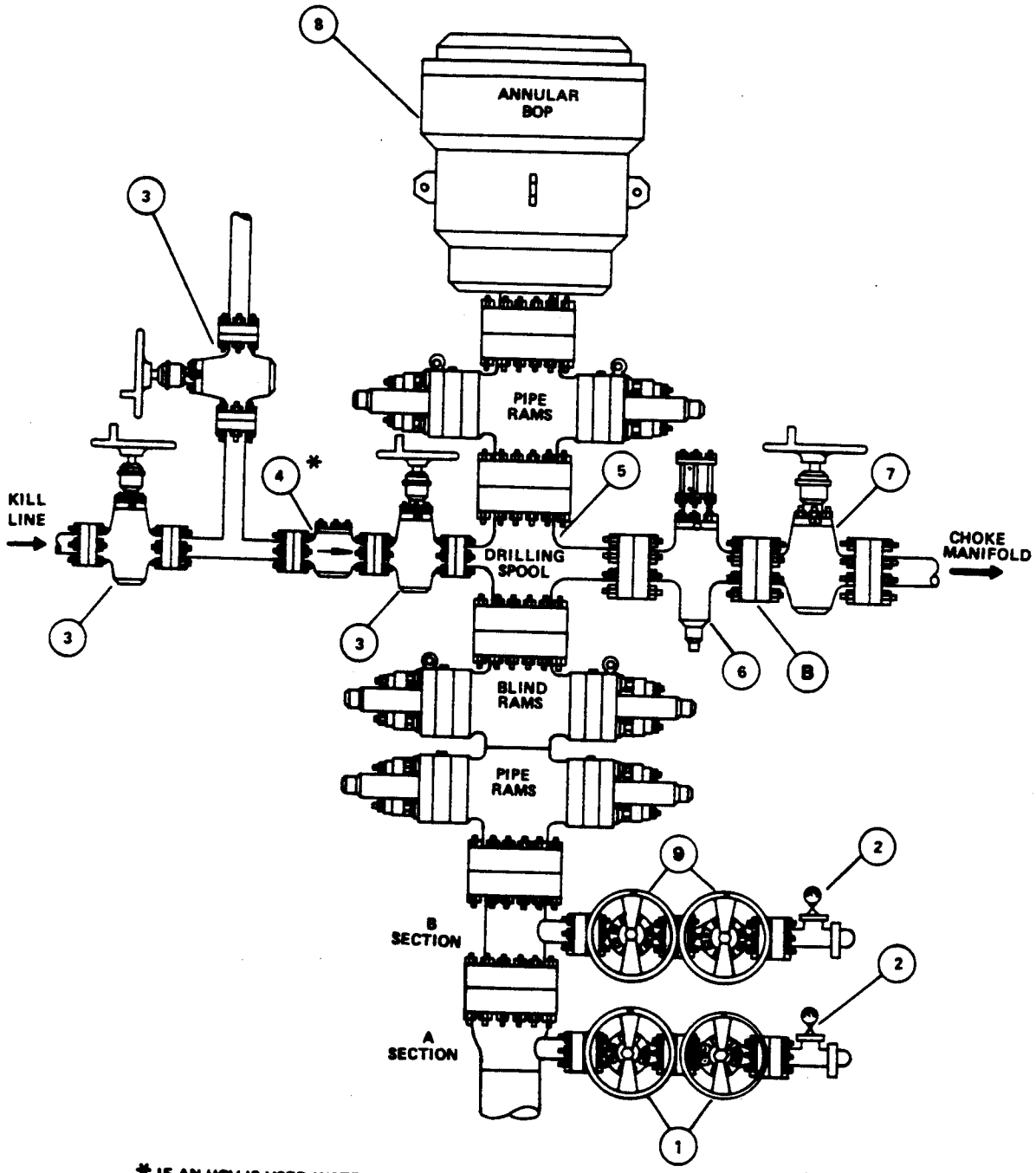
A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all of the above equipment including annular BOP, bell nipple and trip tank line connections.

B. The diverter line valves and other diverter component equipment must be 150 psi minimum working pressure. (Offshore 300 psi minimum W.P.)

C. The diverter line valves must be designed to maintain full open or closed position.

D. Diverter lines must be securely anchored. Sleeve-type couplings should not be used for pipe joint connections and 45° or 90° ells must not be installed on the end of diverter lines to direct flow downward. These can cause the line to "kick-up" when large flow volumes are diverted.

TYPE-4A BOP STACK
FOUR PREVENTERS
API (RRSRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO THE SPOOL.

10.22 COMPONENT SPECIFICATIONS
Type-4A BOP Stack

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged spring-loaded or flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets — 3" choke and 2" kill line minimum nominal dia. (See Table II-4 and Note D.)
6. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
7. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.
9. Flanged plug or gate valve — 2" minimum nominal dia. — same working pressure as "B" section.

NOTE:

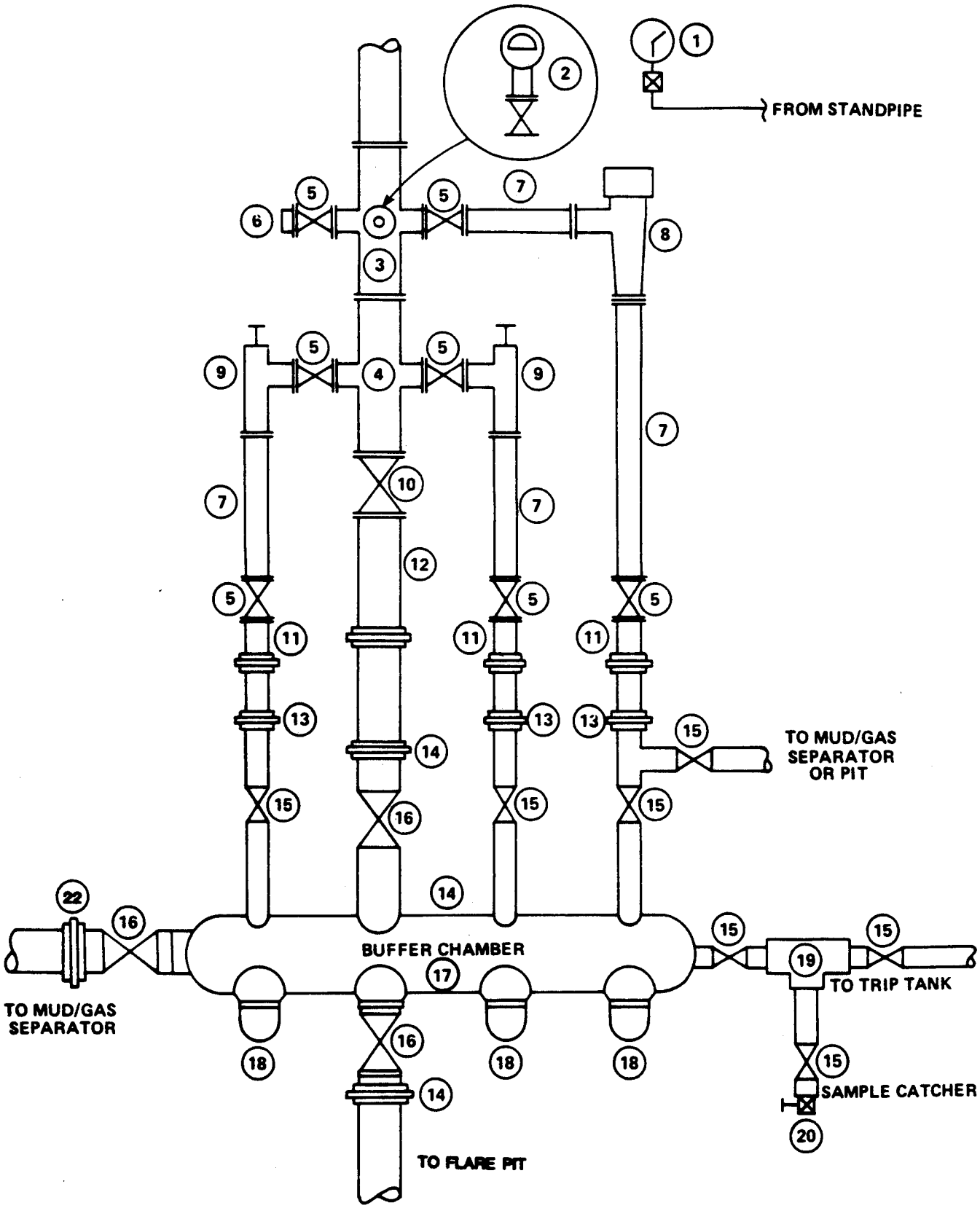
a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

FIGURE V-2

GUIDELINE FOR ARRANGEMENT OF THREE CHOKE MANIFOLD



COMPONENT SPECIFICATIONS
Figure V-2

1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphram type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged or studded cross — 3" x 3" x 2" x 2" minimum nominal dia.
5. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
6. Blind flange.
. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.
8. Flanged hydraulic choke with maximum size orifice opening.
9. Flanged manually — adjustable choke equipped with tungsten carbide stems and seats with maximum orifice opening.
10. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as chokes.
11. Companion flange with screwed nipple — 2" minimum nominal diameter.
12. Companion flange with screwed nipple — 3" minimum nominal diameter.
13. Screwed unions with nipple — 2" minimum nominal dia., flat face, hammer type.
14. Screwed unions with nipple — 4" minimum nominal dia., flat face, hammer type.
15. Screwed plug or gate valve — 2" minimum nominal diameter.
16. Screwed plug or gate valve — 4" minimum nominal diameter.
17. Buffer Chamber is optional — 8" minimum nominal dia. (Sch. 160 preferred).
18. Saddle welded to manifold with 3" screwed bullplug in place.
19. Screwed tee-2" minimum nominal diameter.
20. Screwed bullplug with screwed 1/2" needle valve for obtaining a flowing fluid sample.
21. Spare gauges.
22. **Screwed plug or gate valve — 6" minimum nominal diameter.**

NOTE:

A. The rated working pressure of the choke manifold equipment will be specified in the BID LETTER AND/OR DRILLING CONTRACT.

B. Unless specified otherwise in the BID LETTER AND/OR DRILLING CONTRACT, the Contractor will furnish and maintain all components shown except Item 1 which will be furnished by Exxon.

C. Contractor must furnish an acceptable mud/gas separator for each well. This separator must be equipped at all times with a 6" (minimum nominal dia.) gas flare line to exhaust gas to the flare line.

D. All components must comply with the attached *Specifications for Choke Manifold Piping, Fitting, and Connections.*

E. Plug valves should be equivalent to the Howco Lo-Torc and Gate Valves equivalent to the Cameron Type 'F'.

F. Crosses and valves may be substituted for the Buffer Chamber — Item 17.

G. Second hydraulic choke may be added, if specified, in place of one of the manually — adjustable chokes.

11043

OPERATOR Exxon Corp DATE 7-11-85

WELL NAME U.P. RR "B" 1

SEC NWSE 25 T 1N R 4E COUNTY Summit

43-043-30274
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

- [x] PLAT
- [x] BOND
- [x] NEAREST WELL
- [x] LEASE
- [x] FIELD
- [x] POTASH OR OIL SHALE

PROCESSING COMMENTS:
No other wells within 1000'
Need water permit

APPROVAL LETTER:

SPACING:
- [ ] A-3 _____ UNIT
- [ ] C-3-a _____ CAUSE NO. & DATE
- [x] C-3-b
- [ ] C-3-c

STIPULATIONS:
1- Water
2- The operator shall ~~contact~~ notify the Division within 24 hr. ~~after~~ of excavation of the reserve pit in order to allow inspection and determine the the need for a pit liner.
3- Emergency notification list shown in Part G, Appendix A of H_2S contingency plan shall be prepared & submitted to the Division prior to implementation of the plan.
4- BOP 5000 psi - 13 3/8" csg.

11/2/84
25020

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 15, 1985

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

Attention: Melba Knipling

Gentlemen:

Re: Well No. U. P. RR "B" 1 - NW SE Sec. 25, T. 1N, R. 4E
1858' FSL, 1997' FEL - Summit County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

2. The operator shall notify the Division within 24 hours of excavation of the reserve pit in order to allow inspection and determine the need for a pit liner.

3. Emergency notification list shown in Part G, Appendix A of H_2S contingency plan shall be prepared and submitted to the Division prior to implementation of the plan.

4. Blowout prevention equipment with a minimum of 5000 psi working pressure should be used after drilling out of 13 3/8" casing.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30274.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

July 31, 1985

U. P. RR "B" #1
Section 25-T1N-R4E
Summit County, Utah

Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Please keep all information on subject well confidential for the maximum time allowed.

Sincerely,

Melba Knipling

Melba Knipling, Unit Head
NGPA and Permits

MK:dc

w/ok

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION API #43-043-30274

NAME OF COMPANY: EXXON

WELL NAME: UP RR B-1

SECTION NW SE 25 TOWNSHIP 1N RANGE 4E COUNTY Summit

DRILLING CONTRACTOR 4-West Limited

RIG # 6

SPUDDED: DATE 8-6-85

TIME 4:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Aubrey Brown

TELEPHONE #

DATE 8-6-85 SIGNED AS

PINEVIEW RANCH

Quality Herefords

WAYNE A. JONES
336-5320

R.F.D., Coalville, Utah
84017

031101

RECEIVED

AUG 12 1985

DIVISION OF OIL
GAS & MINING

August 4, 1985

AGREEMENT

I, Wayne Jones, have agreed to lease eight (8) shares of Weber River River Water Users' Association, Stock Certificate No. 466, to Intermountain Drilling Fluids of Evanston, Wyoming, for use in the drilling by Exxon on location Four (4) West #6, located SW of Wanship, Summit County, Utah.

S25, 1N 4E - Summit

Forwest #6 (UPRR -B1) 43-043-30274-PA
Company Man: Aubrey Brown

Wayne A. Jones
Wayne A. Jones

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED
SEP 18 1985
DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 9/12/85

OIL CO. EXXON

WELL NAME & NUMBER UPRR B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY Summitt

DRILLING CONTRACTOR FORWEST

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE A.L. BROWN

RIG TOOL PUSHER

TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: OIL COMPANY
BLM
STATE

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3363

Date 9/12/85

Operator EXXON Contractor FORWEST Rig No. 6

Ordered By A.L. BROWN Lease U.P.R.R. Well No. B-1

County Summitt Section 25 Township 1N Range 4E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300	5min	2000	15min	OK
Bottom Pipe Rams					
Blind Rams					
Annualar B.O.P.			1500		
Choke Manifold			3000		
Choke Line			3000		
Kill Line			2000		
Super Choke			3000		
Upper Kelly			3000		
Lower Kelly			3000		
Floor Valve			2000		
Dart Valve	N/A				

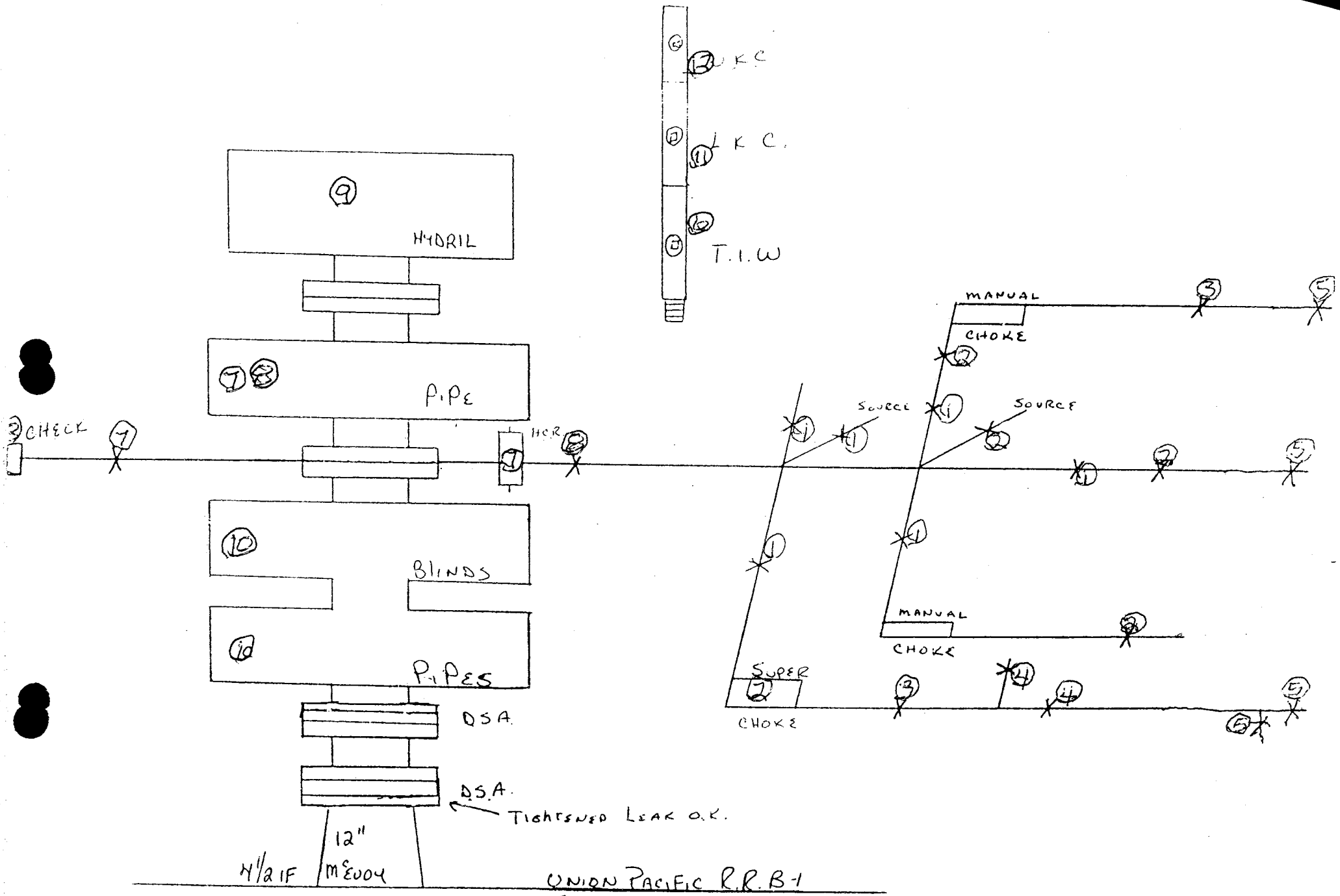
Closing Unit Psi 2900 Closing Time of Rams 9 SEC Closing Time of Hydril 18 SEC.

Closed Casing Head Valve YES Set Wear Sleeve Bit Ret.

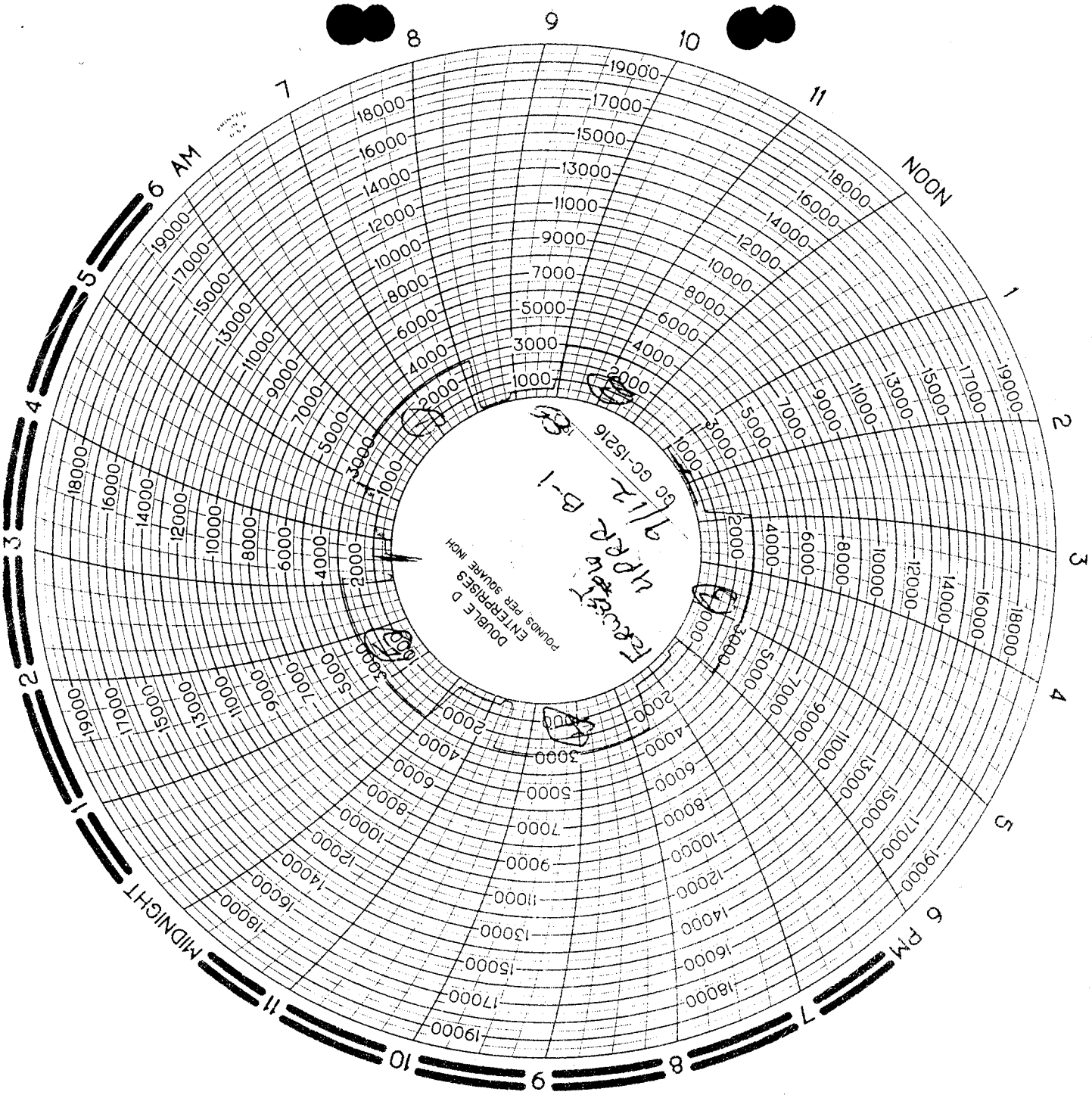
Comments

COMPANY	LEASE AN[redacted]LL NAME #	DATE[redacted]TEST	RIG # AND NAME
EXXON	U.P.R.R. B-1	9/12/85	FORWEST 6

ST#	TIME	
	2130	ARRIVE ON LOCATION
	2130-2215	Rig up to TEST
1	2215-2235	TEST 1ST SET MANUALS ON MANIFOLD
2	2235-2305	Switch VALVES TEST 2nd SET & SUPERCHOKE
3	2305-2330	Switch VALVES TEST 3rd SET
4	2330-2355	Switch VALVES TEST 4th SET
5	2355-0020	Switch VALVES TEST BACK SET
	0020-0300	Rig running Calibar Log
	0300-0345	Up joint, plug, circ. sub, TIW, make up & SET plug
6	0345-0405	TEST LOWER PIPE RAMS & TIW
7	0405-0425	TEST UPPER PIPE RAMS, HCR, 1ST KILL
8	0425-0450	Switch VALVES ON STACK TEST UPPER PIPE RAMS, 4" MANUAL choke & ✓ VALVE
9	0450-0515	TEST Hydril
	0515-0535	PULL Joint, Breakdown tools, Tie into WELLHEAD
0	0535-0600	TEST BLIND RAMS
11	0600-0640	UP KELLY, TEST LKC, had to work it
12	0640-0710	TEST UKC
	0710-0800	Breakdown f/ KELLY stand back; PULL PLUG; Laydown tools & fill MANIFOLD & choke LINE w/ METHANOL
	0800-	Spool up, MAKE out ticket, TRAVEL to shop



UNION PACIFIC R.R. B-1
EXXON
FORWEST #6


DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
Fewest UPRR B-1
NOON
MIDNIGHT
6 AM
6 PM

DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
NOON
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ENTERPRISES
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GC GC-15216
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Utah

DOUBLE "D" ENTERPRISES

RECEIVED
SEP 18 1985
DIVISION OF OIL GAS & MINING

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 8-26-85

OIL CO.: EXXON

WELL NAME & NUMBER UNION PACIFIC RAILROAD B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY SUMMITT, UTAH

DRILLING CONTRACTOR FORWEST #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE DAN SMITH

RIG TOOL PUSHER

TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: SITE REP.
BLM.
U.O.G.C.

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3786

Date 8-27-85

Operator EXXON Contractor FORWEST Rig No. #8

Ordered By DAN SMITH Lease UNION PACIFIC RR ~~B~~ Well No. B-1

County SUMMITT UT. Section _____ Township _____ Range _____

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300	5 MIN	3000	15 MIN	O.K.
Bottom Pipe Rams	↓	↓	↓	↓	↓
Blind Rams	↓	↓	↓	↓	↓
Annualar B.O.P.	↓	↓	1500	↓	↓
Choke Manifold	↓	↓	3000	↓	↓
Choke Line	↓	↓	↓	↓	↓
Kill Line	↓	↓	↓	↓	↓
Super Choke	↓	↓	↓	↓	↓
Upper Kelly	↓	↓	↓	↓	↓
Lower Kelly	↓	↓	↓	↓	↓
Floor Valve	↓	↓	↓	↓	↓
Dart Valve	N/A				
13 3/8 CASING			3000	30 MIN	O.K.

Closing Unit Psi 2900 Closing Time of Rams 9 SEC. Closing Time of Hydril 18 SEC.

Closed Casing Head Valve YES Set Wear Sleeve BIT RET.

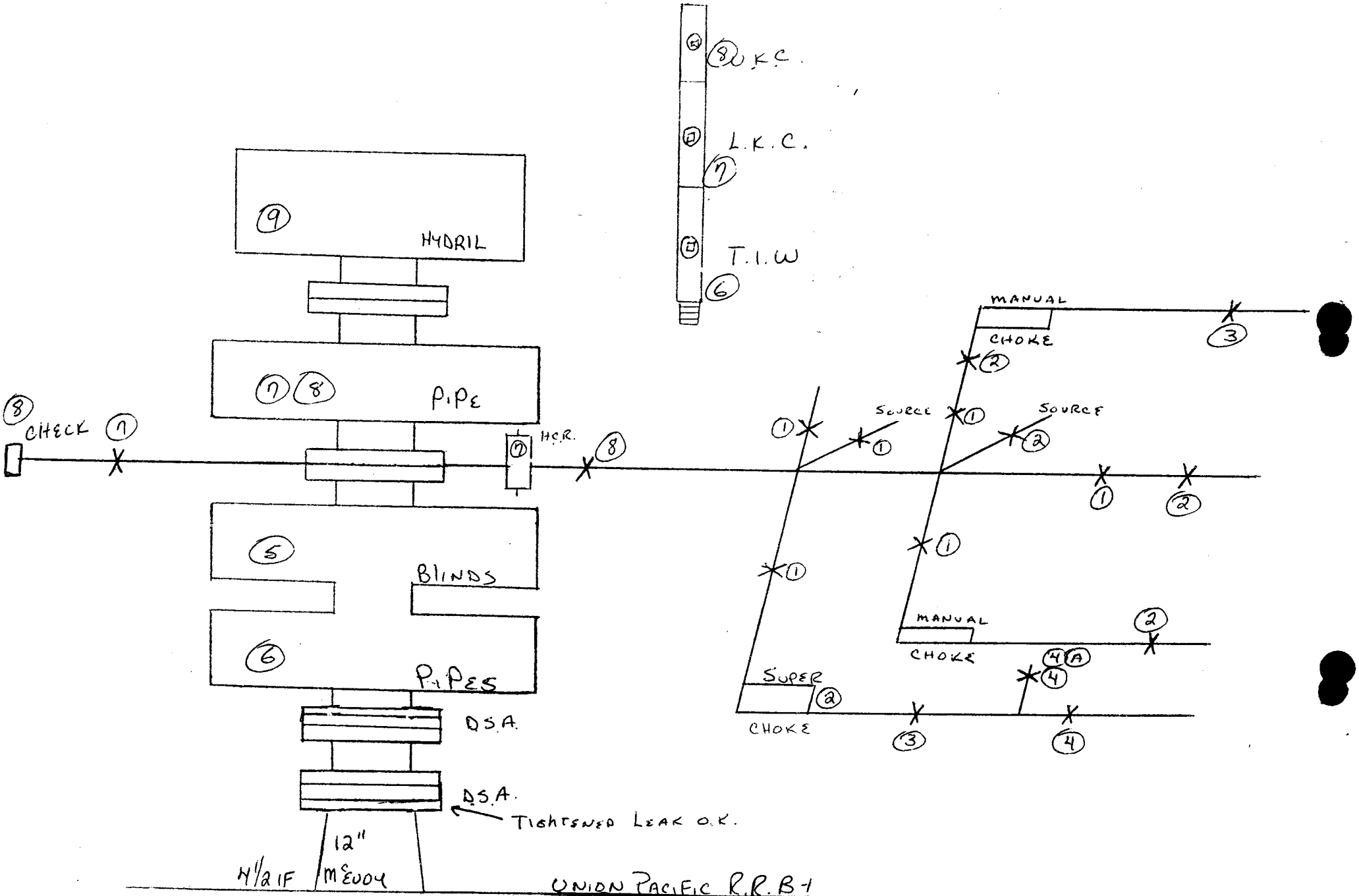
Comments SUPER CHOKE PANEL GAUGE & MANIFOLD GAUGE WITHIN 30 PSI @ 3000 PSI

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
EXXON	UNION PACIFIC R.R. B-1	8-26-85	FORWEST #6

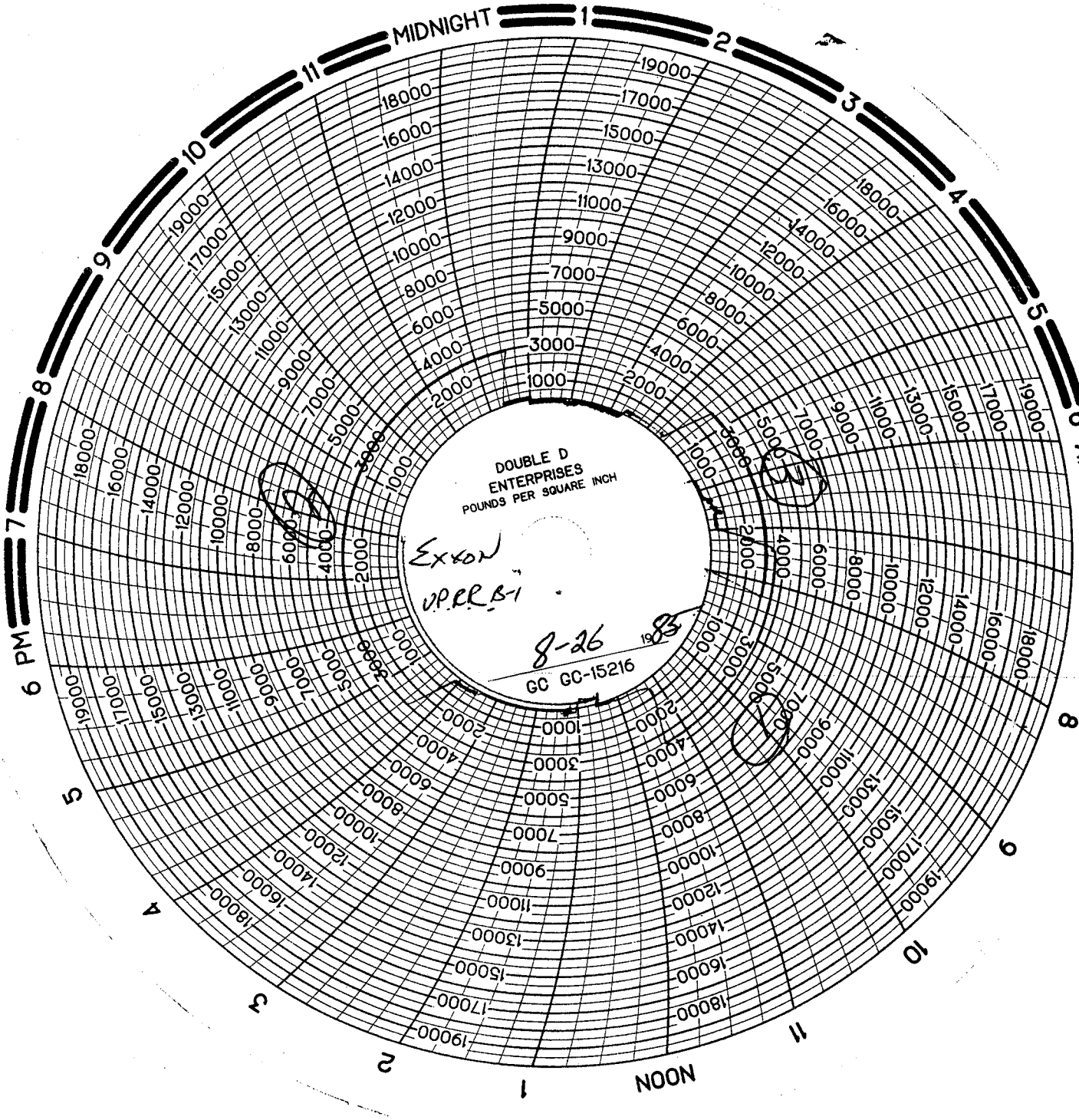
TEST#	TIME	
	2:30-3:30	LOAD OUT NIPPLE UP & TEST TOOLS
	3:30-	TRAVEL TO RIG, WELD ON A-SECTION
	5:15	NIPPLE UP & TEST MANIFOLD. WHILE HOOKING
		UP KOOMEY LINES
(1)	6:30-6:35	300 OK. 1ST MANIFOLD VALVES
	6:35-6:50	3000 OK. " "
	6:50-6:55	SWITCH VALVES
(2)	6:55-7:00	300 OK. SECOND VALVES & SUPER CHOKE
	7:00-7:15	3000 OK. " "
	7:15-7:20	SWITCH VALVES
(3)	7:20-7:25	300 OK. 3RD BACK VALVES
	7:25-7:40	3000 OK. " "
	7:40-7:45	SWITCH VALVES
(4)	7:45-7:50	300 OK. 4TH BACK VALVES
	7:50-8:00	3000 NO TEST - WORK VALVE (4A)
RR(4)	8:00-8:15	3000 4TH BACK VALVES
	8:15-	FINISH HOOKING KOOMEY LINES & CHANGING
	3:15	RAMS, RIG UP FLOOR, FILL STACK, DROP DYE.
(5)	3:15-3:20	300 O.K. BLINDS
	3:20-3:30	3000 NOTEST-LEAK @ D.S.A.
	3:30-3:40	TIGHTEN FLANGE
R.R (5)	3:40-3:55	3000 O.K. BLINDS
	3:55-4:00	RUN JT. OF PIPE IN & SCREW INTO TEST PLUG
(6)	4:00-4:05	300 OK. LOWER PIPES & T.I.W. "
	4:05-4:20	3000 OK. "
	4:20-4:30	KELLY UP TO JT. & SHUT LOWER KELLY
(7)	4:30-4:35	300 OK. UP. PIPES, H.C.R., 1ST KILL, LOWER KELLY "
	4:35-4:50	3000 OK. "
	4:50-4:55	OPEN HCR, LOWER KELLY, 1ST KILL
(8)	4:55-5:00	300 OK. UP. PIPES, 4" MANUAL, CHECK VALVE, UP. KELLY "
	5:00-5:15	3000 OK. "
	5:15-	TRY HYDRIL, KOOMEY LINES WRONG, & HAMMER
	6:00	UNIONS WRONG, REPAIR.
(9)	6:00-6:05	300 OK. HYDRIL "
	6:05-6:20	1500 O.K. " "
	6:20-	RIG DOWN, RIG UP TO RUN CASING TEST,
	-7:30	

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
EXXON	UNION PACIFIC RAILROAD B1	8-26-85	FORWEST #6

TEST#	TIME	
	7:30-8:30	3000 O.K. CSG. TEST HELD 30 MIN. OK.
	8:30-9:30	LOAD OUT NIPPLE UP TOOLS, TEST TOOLS, MAKE OUT TICKET & HAVE SIGNED
	9:30-11:00	TRAVEL TO
	11:00-1:00	CLEANUP NIPPLE UP, TEST TOOLS & UNIT
	1:00-2:00	PAPERWORK



UNION PACIFIC R.R. B-1
EXXON 8-26-85
FORWEST #6


MIDNIGHT
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ENTERPRISES
POUNDS PER SQUARE INCH
Exxon
UPRR B-1
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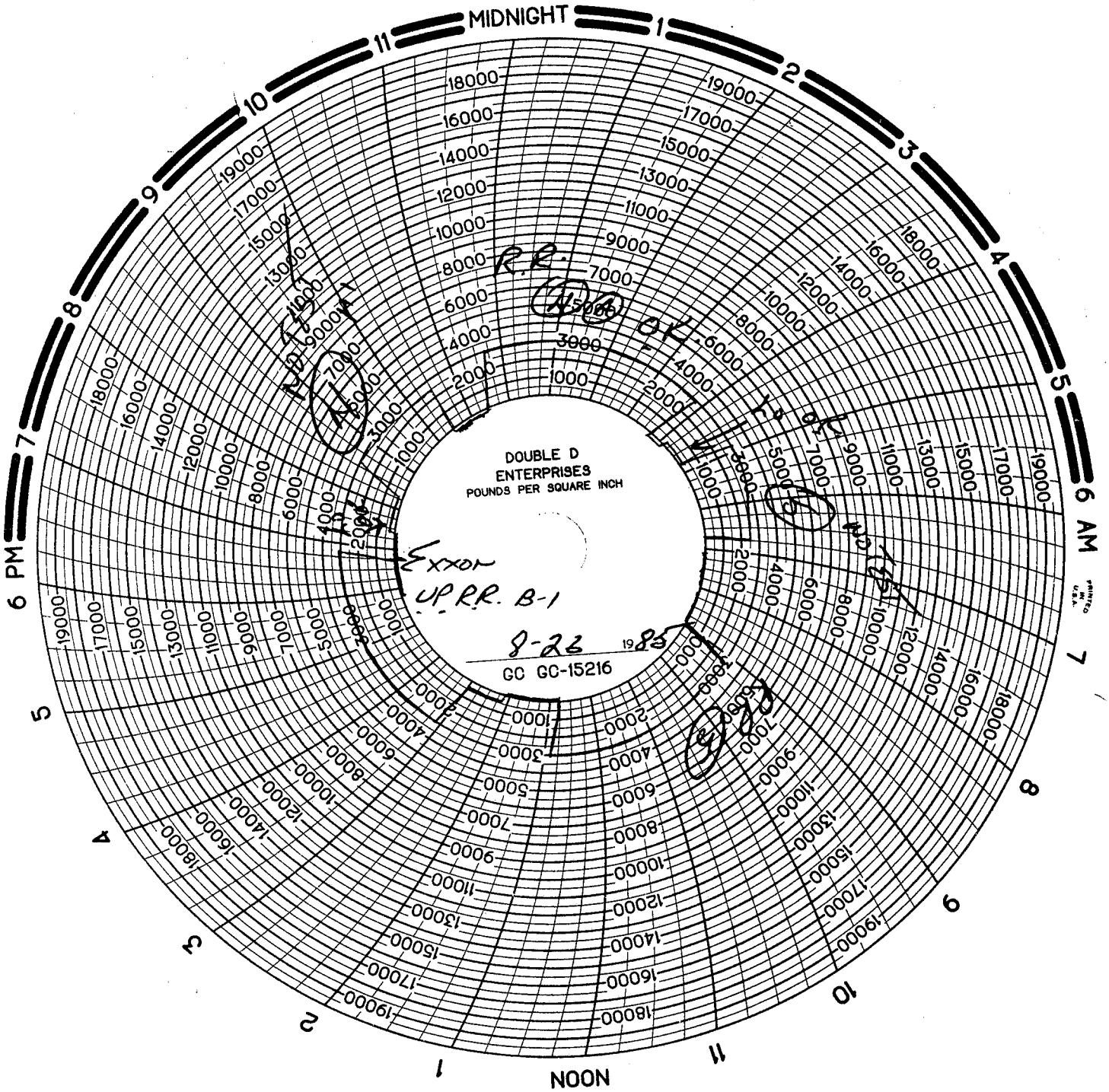
GC GC-15216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Exxon
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8-26 1985
R.R.
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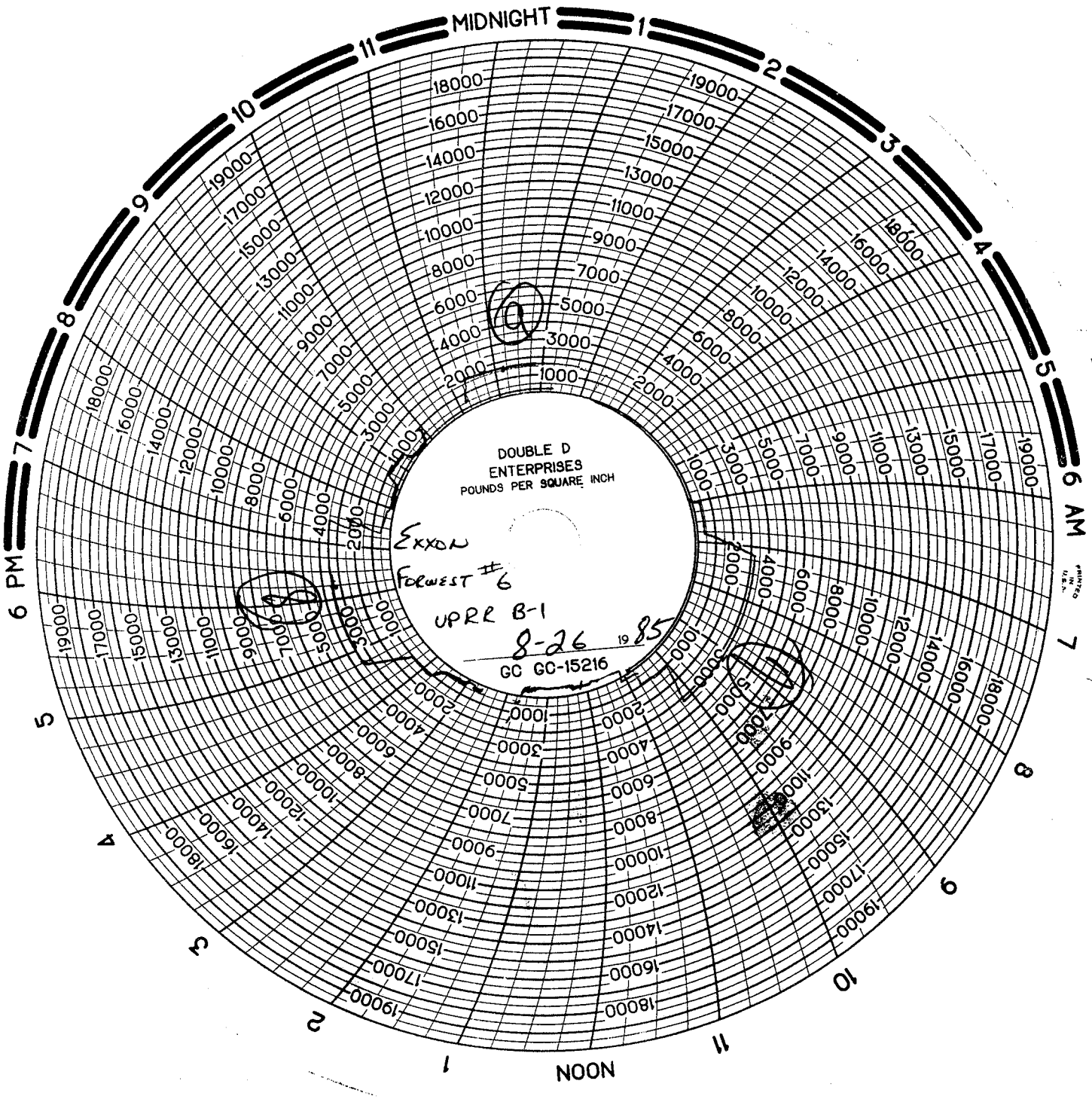
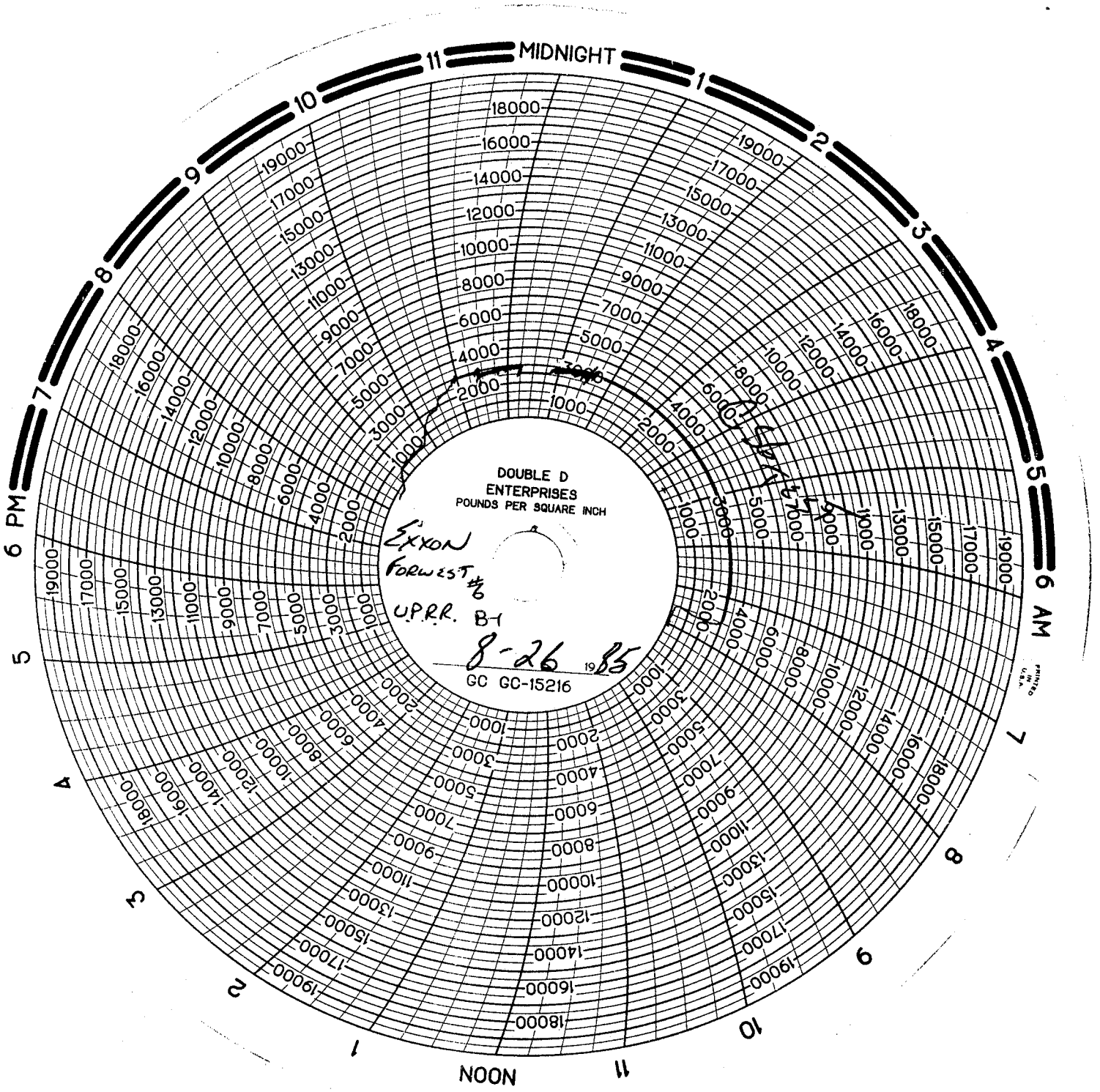

MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
EXXON
FORWEST #6
UPRR B-1
8-26 1985
GC GC-15216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ENTERPRISES
POUNDS PER SQUARE INCH
EXXON
FORWEST #6
U.P.R.R. B-1
8-26 1985
GC GC-15216

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: EXXON

WELL NAME: UPRR B #1

SECTION: 25 TOWNSHIP 1N RANGE 4E COUNTY: Summit

DRILLING CONTRACTOR: Fowest

RIG # 6

BOP TEST: DATE: 10/5/85

TIME: pm

DRILLING: 9631

CASING:

H_2S:

REPORTED BY: Danny Smith

TELEPHONE NO. 1-801-336-2171

DATE: 10/7/85 SIGNED Dorothy Swindel

EXXON COMPANY, U.S.A.
Southwest/Rocky Mountain Division
Northern Drilling Organization

H_2S CONTINGENCY PLAN
(Revised)

DATE: October 23, 1985

WELL NAME: Union Pacific Railroad "B" No. 1 (Was No. 1-25) PROJECTED TD: 13,200'

LOCATION: NWSE, Section 25, T1S, R4E

Summit County, Utah

FIELD/PROSPECT NAME: Silver Creek Prospect

H_2S GENERAL INFORMATION:

SOUR FORMATION:

Nugget DEPTH: 12,900 H_2S CONC: 129,000 PPM 100 PPM RADIUS OF EXPOSURE: 2 miles.

NOTE: The nugget does not produce H2S gas but source for Nugget gas if found in this well is expected to be the Phosphoria, which does produce sour gas.

I. Introduction. The objective of this contingency plan is to provide an organized plan of action for alerting and protecting the public from H_2S exposure in the event a potentially hazardous volume is accidentally released to the atmosphere. This plan should be activated immediately if any such release occurs. Exxon's Drilling Superintendent is responsible for initiating and carrying out the plan.

NOTE. Full compliance of the precautionary measures outlined in this plan will be implemented no less than 1,000 feet above the first H_2S formation encountered. Exxon plans to implement safety equipment after drilling 200' into the Twin Creek Formation, or at approximately 11,100'.

II. Individual Responsibilities. It is the responsibility of the Exxon Drilling Superintendent to see that all personnel on the location familiarize themselves with the procedures outlined in this contingency plan.

A. All personnel:

1. Responsible for his assigned safety equipment

2. Responsible for familiarizing himself with the location of all safety equipment.

3. Responsible for reporting any indications of H_2S to those in the area and to a supervisor.

B. Drilling Superintendent

1. Responsible for thoroughly understanding and seeing that all aspects of this contingency plan are enforced.

2. Responsible for implementing all phases of this contingency plan.

3. Responsible for keeping a minimum of personnel on the location during expected hazardous operations.

4. Responsible for coordinating all wellsite operations and communications in the event that an emergency condition develops.

5. Responsible for ensuring that all visitors receive an H_2S safety orientation.

   NOTE: All personnel on location must be clean shaven.

6. Responsible for notifying the drilling office, public safety personnel, regulatory agencies, and the general public f the existence and location of an H_2S release. See Appendix A - List of Emergency Telephone Numbers.

III. Location Layout. The following is a list of the minimum safety equipment required by Exxon. Included in this list is the recommended location for each item. See Appendix B - Plat of Location and Appendix C - Location Layout.

A. Five work units with escape bottles to be located on the rig floor.

B. Two 30-minute rescue units. Will be located at Exxon's and Rig Contractor's trailer.

C. One oxygen powered resuscitator with cylinder and case.

D. One four-channel fixed electronic monitoring system with sensors and alarms (explosion proof light and siren). System will be calibrated such that a flashing red light goes off a 10 ppm H_2S and the siren sounds at 20 ppm H_2S. Rig up sensors in the following locations: bell nipple; shale shaker; rig floor; and the mud/gas separator (when applicable).

E. One hand operated portable pump type H_2S/SO_2 gas detector with two boxes of colormetic tubes (H_2S/SO_2) to be located in the Exxon trailer.

F. Two luminous wind socks with frames and extension poles. Wind socks must be placed so that they are visible by day and by night from all points on location.

G. One flare gun with shells to be located in the Exxon trailer.

H. Two "H_2S Briefing Area" signs.

NOTE: The "main" briefing area will be at least 200' from the wellbore in the predominantly up-wind direction.

I. One "Caution-Poison Gas" signs to be located at each location entrance.

NOTE: Signs will be black and yellow in color and of a readable size at a reasonable distance.

J. Several "No Smoking" signs to be placed at strategic points around the rig.

K. One operating condition sign with flags at each well entrance. Condition I - green flag; Condition II - yellow flag; and Condition III - red flag.

L. Two means of telephone communication, A land line and a DRT.

IV. Operating Procedures. The following operating procedures will be utilized for drilling in areas with H_2S.

A. Plan of operation for handling gas kicks and other drilling problems. Any gas kick will be controlled by using approved Exxon well control techniques. Upon evidence that ambient H_2S concentrations have reached 20 ppm, all non-essential personnel will be evacuated to pre-designated safe areas and those remaining will don self-contained breathing apparatus. Personnel remaining on the rig floor will continue to control the well as the situation dictates until the area is safe to re-enter.

B. Proposed mud program.

DEPTH INTERVAL (ft)	TYPE	WEIGHT (ppg)	FUNNEL VISC. (Sec/Qt)	MEAS. AT 120°f PV (cp)	YP (lb/100 ft^2)	WL (cc)	SOLIDS (%)	pH	CL^- (ppm)
0- 3500'	Spud	---	---	--	---	--	--	--	--
3500-10500'	FWG	8.8- 9.0	35-40	--	---	10-15	--	9.5-10.5	--
10500-11200'	SWG	9.0-10.0	35-40	--	---	10-15	--	9.5-10.5	--
11200-TD	FWG	8.8- 9.2	40-45	--	---	10-15	--	10.5+	--

NOTE: If necessary, Exxon approved H_2S scavengers may be used. See Appendix D - H_2S Scavenger.

C. BOP equipment.

DEPTH INTERVAL	MCD SPEC.	COMMENT
0'-3,500'	Type B	Diverter
3,500'-TD	Type 4A	Figure V-2 Choke Manifold

NOTE: Ensure that all BOP equipment is trimmed for H_2S service. See Appendix E - Method and Frequency of testing blowout preventers and Appendix F - BOP Sketch.

D. Tubular Equipment. All tubular goods and wellheads must be suitable for H_2S operations per Exxon Headquarters Guidelines dated June 1, 1979.

E. Special Operations.

1. Drill stem tests. All drillstem tests will be limited entry or closed chamber type. A downhole safety valve will be used. Packer fluid will have a pH of 10.5 or higher. I.D. of drill pipe will be treated with a filming amine corrosion inhibitor before the test. Test will be conducted during daylight hours and will be reversed out before pulling the drill string. NOTE: Notify all necessary regulatory agencies before conducting any drill stem tests.

2. Coring. After a core has been cut, circulate bottoms up and and monitor for H_2S. If hole conditions (and/or H_2S detectors) indicate potentially hazardous conditions, put breathing equipment on 10 stands before core barrel reaches the surface. Breathing equipment will be worn by all personnel while core barrel is pulled, broken out, and opened up, and until a safe atmosphere is indicated.

V. Operating Conditions. Operating conditions are defined in three categories. A description of each of these conditions and the required action to take are given below.

A. CONDITION I - NORMAL OPERATING CONDITIONS, POTENTIAL DANGER, OPERATIONS UNDER CONTROL

Characterized by: Normal drilling operations and test operations in zones which contain or may contain H_2S.

Warning Flag: Green

Alarm: None

Probable Occurrence: No detectable gas present at surface.

General Action:

(1) Know location of safety equipment

(2) Check safety equipment for proper functioning. Keep it available.

(3) Be alert for a condition change.

(4) Follow instructions of supervisor.

B. CONDITION II - POTENTIAL TO MODERATE DANGER TO LIFE

Characterized by: H_2S gas present. Concentrations less than 20 ppm.

Warning Flag: Yellow

Alarm: Flashing light at 10 ppm H_2S.

Probable Occurrence:

(1) As drill gas.

(2) As trip gas when circulating bottoms up.

(3) When a core barrel is pulled.

(4) When a well kick is circulated out.

(5) Surface pressure, well flow or lost returns problems.

(6) Equipment failure during testing operations.

General Action:

(1) Follow instructions of supervisor.

(2) Put on breathing equipment if directed, or if conditions warrant it.

(3) Stay in "SAFE BRIEFING AREA" if instructed, and not working to correct the problem.

(4) The Exxon Drilling Superintendent will initiate action to reduce the H_2S concentration to zero.

C. CONDITION III - MODERATE TO EXTREME DANGER TO LIFE

Characterized by: H_2S present in concentration at or above 20 ppm. Critical well operations or well control problems. In the extreme, loss of well control.

Warning Flag: Red

Alarm: Flashing light and continuous blast on horn at 20 ppm H_2S.

Probable Occurrence:

(1) As drill gas.

(2) As trip gas when circulating bottoms up.

(3) When a core barrel is pulled.

(4) When a wellkick is circulated out.

(5) Surface pressure, well flow or lost returns problems.

(6) Equipment failure during testing operations.

General Action:

(1) Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problems.

(2) Follow instructions of Exxon Drilling Superintendent or other supervisor.

(3) The Exxon Drilling Superintendent will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, well will be shut-in.

(4) The Exxon Drilling Superintendent will conduct any necessary operations with an absolute minimum of personnel. All persons in the immediate hazard area will wear a self-contained breathing apparatus. All other personnel will restrict their movement to those directed by the Superintendent.

VI. Emergency Procedures. The procedures listed below apply to drilling and testing operations.

A. If at any time during Condition I, the mud logger, mud engineer, or any other person detects H_2S, he will notify the Exxon Drilling Superintendent. All personnel should keep alert to the Exxon Drilling Superintendent's orders. He will:

1. Immediately begin to ascertain the cause of the source of the H_2S and take steps to reduce the H_2S concentration to zero. This should include having the mud engineer run a sulfide and pH determination on the flowline mud if water-base mud is in use. If an oil-base mud is in use, the mud engineer should check the lime content of the mud.

2. Order non-essential personnel out of the potential danger area.

3. Order all personnel to check their safety equipment to see that it is working properly and in the proper location. Persons without breathing equipment will not be allowed to work in a hazard area.

   Note: Remember to use the buddy system when working to correct the problem.

4. Notify the Contract Supervisor of condition and action taken.

5. Increase gas monitoring activities (portable H_2S detectors) and continue operations with caution.

6. Display the yellow warning flag.

7. Notify the drilling office.

B. If the H_2S concentration exceeds 20 ppm, the following steps will be taken:

1. Evacuate quickly to the "SAFE BRIEFING AREA" if instructed or conditions warrant.

2. Put on breathing equipment.

3. Help anyone who may be affected by gas.

4. Driller - prepare to shut the well in.

   a. Pick up pipe to get kelly out of BOP's.

   b. Close BOP's if necessary.

5. If testing operations are in progress, the well will be shut-in.

6. Display the red warning flag.

C. In the event a potentially hazardous volume of H_2S is released to the atmosphere, the following steps must be taken to alert the public:

1. Remove all rig personnel from the danger area and assemble at a predetermined safe area, upwind from the well site.

2. Have personnel put on breathing equipment.

3. Help anyone who may be affected by gas.

4. Secure rig, if possible.

5. Determine the cause or source of H_2S.

6. Alert the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H_2S release. See Appendix A - List of Emergency Telephone Numbers.

7. Assign personnel to block any public road (and access road to location) at the boundary of the area of exposure. Any unauthorized people within the area should be informed that an emergency exists and be ordered to leave immediately.

8. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.

9. In the event of an uncontrolled emergency, a flare gun and shells will be provided to ignite the well. Normally, approval for the Exxon Drilling Superintendent to ignite the well would have to be given by Exxon Company management. However, in the event of an extreme emergency and management personnel cannot be contacted, the Exxon Drilling Superintendent will be authorized to ignite the well.

Note: Drilling Superintendent will position himself at a distance of approximately 500' upwind of the wellbore. Remember, when gas containing hydrogen sulfide is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is also poisonous. Keep all personnel out of exposed area.

VII. Training Program. All personnel associated with the drilling operations will receive training to insure efficient and correct action in all situations. This training will be in the general areas of (1) personnel safety, (2) rig operations, and (3) Exxon well control procedures.

A. Personnel Safety Training. All personnel shall have received H_2S training from a certified instructor in the following areas:

1. Hazards and characteristics of H_2S.

2. Effect on metal components of the system.

3. Safety procedures outlined in the Contingency Plan.

4. Operation of safety equipment and life support systems.

Note: While drilling through sour formations, H_2S drills will be conducted weekly for each tour.

B. Rig Operations. All rig personnel shall have received training in the following areas:

1. Well control procedures.

2. Layout and operations of the well control equipment.

Note: Proficiency will be developed through BOP drills which will be documented by the Exxon Drilling Superintendent. All rig personnel will be provided with breathing equipment.

C. Well Control Procedures. All Exxon employees will be required to have attended the Exxon (or equivalent) well control and blowout preventer equipment school within the past two years.

D. Service Company Personnel. All service personnel shall have been trained by their employers in the hazards and characteristics of H_2S and the operations of safety equipment and life support systems. Note: All service company personnel, except for mud engineer and mud loggers, will provide their own breathing equipment.

E. Visitors. All first time visitors to the location will be required to attend a safety orientation. The Exxon Drilling Superintendent shall be responsible for this orientation, and he shall see that every visitor is logged in correctly. Note: No more than fifteen people should be on location during normal drilling operations. All visitors will provide their own breathing equipment.

F. Public. The public within the area of exposure shall be given an advance briefing by Exxon's Drilling Superintendent. This briefing must include the following elements.

1. Hazards and characteristics of hydrogen sulfide. It is an extremely dangerous gas. It is normally detectable by its "rotten-egg" odor, but odor is not a reliable means of detection because the sense of smell may be dulled or lost due to intake of the gas. It is colorless, transparent, and flammable. It is heavier than air and may accumulate in low places.

2. The necessity of an emergency action plan. Due to the danger to persons exposed to hydrogen sulfide and the need for expeditious action should an emergency occur, this action plan will be put into effect if and when a leak occurs.

3. The location of hydrogen sulfide within the area of exposure. At the drilling location.

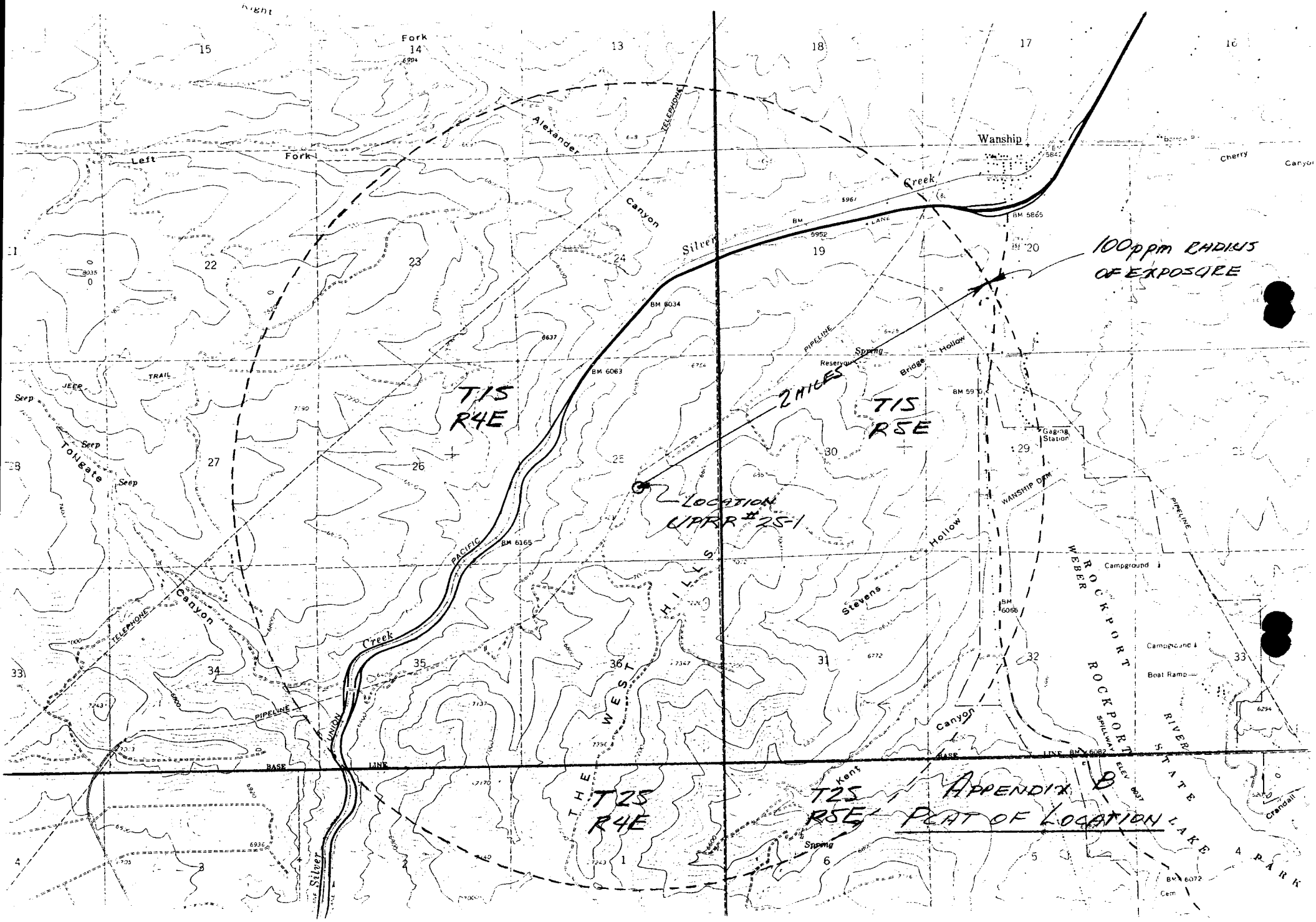
4. The manner in which the public will be notified of an emergency. By telephone or personal contact.

5. Steps to be taken in case of an emergency.

   a. Abandon danger area.

   b. Notify necessary agencies and request assistance for controlling traffic and evacuating people.

TDM 10-30-85



100ppm RADIUS OF EXPOSURE
2 MILES
LOCATION UPRR #25-1
T1S R4E
T1S R5E
T2S R4E
T2S R5E
APPENDIX B
PLAT OF LOCATION
Wanship
Left Fork
Alexander Canyon
Silver Creek
Tollgate Canyon
Stevens Hollow
Bridge Hollow
Kent Canyon
THE WEST HILLS
ROCKPORT STATE PARK
WEBER RIVER
ROCKPORT LAKE
Campground
Boat Ramp
Gaging Station
WANSHIP DAM
PIPELINE
TELEPHONE
PACIFIC
UNION
BASE LINE
JEEP TRAIL
Seep
Spring
Reservoir
Cherry Canyon
Crandall

APPENDIX A

EMERGENCY TELEPHONE LIST

Northern Drilling Organization
(Exxon Information (915) 683-0100, 7:30 am - 4:30 pm M-F)

A. EXXON PERSONNEL

1. Drilling Supervisors:	A.L. Brown		
	D.A. Smith		
2. Drilling Operations Superintendents:	T. D. Mixon	Home:	686-9262*
		Work:	686-4734
	D. H. Mutti	Home:	697-2890
		Work:	686-4360
	A. L. Sossaman	Home:	682-7103
		Work:	686-4352
3. Division Drilling Manager:	E. W. Thomas	Home:	686-8590
		Work:	686-4355
4. Drilling Engineering Manager:	P. T. Apperson	Home:	683-3481
		Work:	686-4358
5. Supervising Drilling Engineer:	D. L. Whiteman	Home:	697-9989
		Work:	686-4362
6. Drilling Engineer:	S. F. Harrill	Home:	687-2632
		Work:	686-4491

* All AC 915

B. MEDICAL PERSONNEL

1. Ambulance(s):	Call Summit County Sheriff's Office
2. Hospital(s):	Call Sheriff's Office or 801/336/4403 (Coalville Health Clinic).
3. Doctor(s):	Call Sheriff's Office

C. FIREFIGHTING AND PUBLIC SAFETY PERSONNEL

1. Fire Department(s):	Call Sheriff's Office. (Coalville and Wanship)
2. Police Department(s):	Call Sheriff's Office
3. County sheriff:	911 or 801/336-4461 (Coalville)

Appendix A
Emergency Telephone List Continued
Page 2

D. GOVERNMENT AGENCIES

1. State of Utah Natural Resources, Oil Gas & Mining	801/538- 5340
2. Bureau of Land Management:	N/A
3. Summit County Health Dept.:	801/336-4451 (Coalville)

E. SERVICE COMPANIES

1. Pump Truck(s):	Haliburton Services 307/789-3932 (Evanston, WY)
2. Dirt Contractor(s):	Geary Construction 801/336-5584 (Coalville)
3. Roustabout Crew(s):	C.U. Roustabouts 307/789-4240 (Evanston, WY)
4. H_2S Service Companies:	ESSE 307/789-4885 (Evanston, WY)
5. Drilling Contractor:	Forwest Limited One 303/573-1661 (Denver, CO.)
6. Others:	Milchem, Inc. 801/272-8867 (Salt Lake City)

F. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

	NAME/ADDRESS	TELEPHONE NO.	(A)	(B)
1.	Bates, Val (20-1N-4E)	336-2087		
2.	Bates, Mae (24-1N-5E)			
3.	Bush, Dell (29-1N-5E)	336-2006		
4.	Dahlin, Charles (29-1N-5E)	336-2529		
5.	Grills, Richard (29-1N-5E)	336-2368		
6.	Hutchinson, David (29-1N-5E)	336-5629		
7.	Stembridge, Vern (29-1N-5E)	336-5386		
8.	Vincent, LLoyd (29-1N-5E)	366-2344		
9.	Stembridge, Wendell (20-1N-5E)	336-5335		
10.	Anderson, Brent F. (29-1N-5E)	801/ 968-7166		
11.	Arrington, Burton (29-1N-5E)	213/698-7178		
12.	Arrington, Irby (29-1N-5E	801/943-6817		
13.	Arrington, John (29-1N-5E)	801/562-9211		
14.	Bell, Archie (29-1N-5E)	801/486-1766		
15.	Bird, Edward G.	801/972-1931		
16.	Bollinger, Wynn B. (29-1N-5E)	702/565-9878		
17.	Boothe, William (29-1N-5E)	801/485-5888		
18.	Brown, Boyd (6-1S-5E)	N/A		
19.	Buxton,J.L. (6-1S-5E)	801/355-7778		
20.	Carslen, Keith M. & Pauline (6-1S-5E)	801/266-2892		
21.	Christean, Author G. & Nelda (22-1N-4E)	801/272-4539		
22.	Christensen, Arlond & Ruth (6-T1S-5E)	801/295-9823		
23.	Christman, Lynn & Marlene (6-1S-5E)	801/968-7027		
24.	Clissold, Fern W. (29-1N-5E)	801/262-9757		
25.	Curtis, Arnold (29-1N-5E)	602/985-7297		

(A) Check when briefed as per Section VII, F.
(B) Check when notified of emergency.

F. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

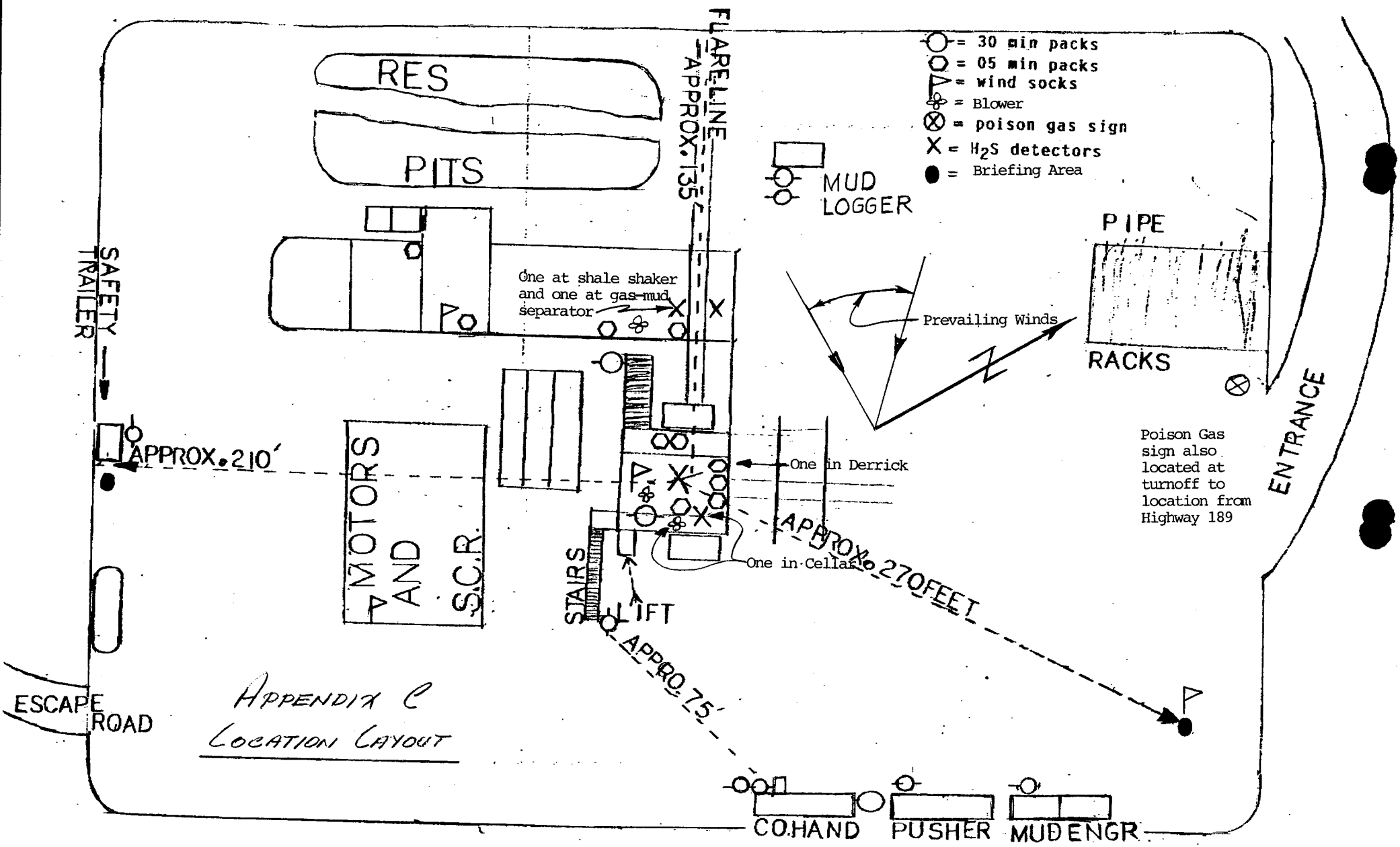
	NAME/ADDRESS	TELEPHONE NO.	(A)	(B)
26.	Dejarlis, John (29-1N-5E)	303/799-4433		
27.	Flitton, Leroy T. & Ruby (6-1S-5E)	801/972-2545		
28.	Gilbert, Nicholas J. & Nola (6-TS-5E)	801/364-9698		
29.	Halvorsen, Donna J. (22-1N-4E)	801/485-2688		
30.	Howe, Lawrence & Francis (6-1S-5E)			
31.	Hoffmann, Alfred P. & Herta (6-1S-5E)	801/571-4343		
32.	Husband, Dale L. & Virginia (6-1S-5E)	801/262-8588		
33.	Jacklin, Lloyd (29-1N-5E)	801/467-8193		
34.	Jamison, Aelgia J. & Maxine (6-1S-5E)	801/9693546		
35.	Jensen, George & Martha (22-1N-4E)	801/272-1165		
36.	Johnson, Robert A. (27-1N-4E)	801/972-5149		
37.	Karren, Don E. & Barbara (6-1S-5E)	801/328-0948		
38.	Kesler, Michael R. & Beverly (22-1N-4E)	801/544-2214		
39.	Larsen, Marlin & Juanita (6-1S-5E)	801/544-2214		
40.	Larsen, Russel & Dorothy (6-1S-5E)	801/278-8600		
41.	Lee, The Leo M. Family Living (221N-4E)	801/484-5514		
42.	Lott, Lynn G. (29-1N-5E)	801/363-1059		
43.	Massey, B.C. (29-1N-5E)	801/561-5155		
44.	Mecham, Norman G. & Ruth (6-1S-5E)	801/738-5616		
45.	Mitchell, Grant L. & Judi R. (6-1S-5E)	801/943-5054		
46.	Montrone, Joey (29-1N-5E)	801/487-3982		
47.	Morgan, Dale H. & Barbara (22-1N-5E)			
48.	Oettli, Anton (29-1N-5E)	801/485-8615		
49.	Parkin, Max H. and Conley Robert G. (6-1S-5E)	801/266-1486		
50.	Petersen, Dennis & Sandra (6-1S-5E)	801/968-7941		

(A) Check when briefed as per Section VII, F.
(B) Check when notified of emergency.

F. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

	NAME/ADDRESS	TELEPHONE NO.	(A)	(B)
51.	Potter, Lamar F. & Marjorie (6-1S-5E)			
52.	Schofield, Robert C. & Nena (6-1S-5E)	801/969-5363		
53.	Stephen, William R. & Mary Jane (6-1S-5E)	N/A		
54.	Tripp, Daniel O & Kathy (1-1S-4E)	N/A		
55.	Warnock, W. P. (6-1S-5E)	801/278-6656		
56.	Wood, Orville J. (6-1S-5E)	801/466-9919		
57.				
58.				
59.				
60.	NOTES:			
61.	1. Only the first eight listings are residents who actually live			
62.	within the area of exposure.			
63.	2. Listings No.9 is the forman for the Utah Highway Department's			
64	Maintenance Stanton No.236.			
65.	3. The remaining listings are people who have summer homes or			
66.	cottages within the area of exposure but do not permanemtly reside			
67.	there. The telephone number shown is that of their permanent			
68.	residence.			
69.	4. The address shown for all listings is the location within the			
70.	area of exposure and is the Section, Township, and Range, Summit County, Utah.			
71.	5. If an area code is not shown with the telephone number, it is			
72.	801.			
73.				
74.				
75.				

(A) Check when briefed as per Section VII, F.
(B) Check when notified of emergency.



Appendix C
Location Layout

APPENDIX D
H_2S SCAVENGER

Normally a zinc carbonate is used for treating out H_2S in drilling fluids. However, zinc carbonate is insoluble and will settle out in clear fluids (FW and BW). Therefore chelated zinc lignosulfonate is recommended as an H_2S scavenger for clear water drilling fluids and for water blankets in sour test DSTs.

1) Mix 2 ppb of H_2S scavenger into water blanket. (Use at least 50 lb).

2) If no water blanket is required, mix 50 lbs of H_2S scavenger into 1 barrel of water and pour down the drill pipe.

3)

Manufacturer	Product Name	Packaging
Corrosion Ltd.	*Chelated Zinc Lignosulfonate	30 gal. drum
IMCO	Sulfex-2	50 lb. bags
Magcobar	*SV-70	30 gal. drum
Milchem	Milgard-R	50 lb. bags
NL Chemicals	Coat-45	50 lb. bags

*If using either of these products, pour a 30 gallon drum into the drill pipe whether or not water blanket is required.

APPENDIX E

Method and Frequency of Testing Blowout Preventers

CASING STRING	INITIAL TEST PRESSURE (PSI) CASING	BOP'S	WEEKLY TEST PRESSURE (PSI) TOP 100' OF CASING BOP'S
20	150	150	N/A
13-3/8	3000	300/3000	300/2000
9-5/8	5---	300/4000	300/4000

1. Equipment will consist of a 5 function (Minimum) hydraulic BOP control unit located a minimum of 60 feet upwind of the well bore with a remote station on the rig floor. The control unit shall have the minimum following features and/or capabilities.

   a. Sufficient accumulator capacity of close all preventers and open the choke line valve and still have 1200 psi pressure when used with BOP stacks to 3000 psi WP.

   b. Sufficient accumulator capacity to cycle all preventers and the choke line valve and still have 1200 psi when used with BOP stacks with 5000 psi or greater WP.

   c. Sufficient pump capacity to close the annular preventer on the drill pipe to be used and open the choke line valve and obtain 1200 psi on the manifold in two minutes or less.

   d. Two different power sources and a minimum of two pumps required.

   e. A connection on the manifold for an outside source of hydraulic pressure.

   f. A full opening block valve in the closing line of the annular preventer next to the preventer.

   g. Working pressure of the manifold and control line piping equal to or greater than BOP stack working pressure up to a maximum of 5000 psi.

   h. Pressure gauges indicating accumulator pressure and manifold pressure downstream of each regulator.

2. Hand wheels shall be installed on all hydraulically operated ram-type BOP's and valves.

3. An upper kelly cock shall be installed above the kelly and a lower kelly cock (full-opening ball type safety valve) shall be installed below the kelly. Also, a full-opening ball type safety valve to fit each type of drill pipe in use shall be on the rig floor, in the open position, at all times.

4. A box by pin nipple with Otis Type "N" profile shall be run in the drill pipe one to four joints above the drill collars while drilling. An Otis Type "N" locking mandrel with a Type "T" (stem and seat) injection safety valve to fit the above profile shall be available on the rig. The safety valve in Section C shall have an inside diameter greater than the outside diameter of the above plug.

5. All turns or bends in the choke line, choke manifold, flare lines, or diverter lines will be targeted. Turns or bends upstream of the chokes will be targeted using only flanged or welded connections.

6. Prior to installation all BOP equipment will be inspected by operator's representative. This inspection will include visual inspection of ring grooves, bonnet seals, connecting rods, and body bore and pressure testing of the opening and closing chambers to pressure limits approved by manufacturer.

7. Annular preventers will be closed on a joint of pipe and tested to full working pressure upon initial installation or subsequent replacement of the packing element.

8. All ram type preventers and hydraulically operated gate valves will be pressure tested to 200-300 psi and full working pressure upon installation.

9. The full BOP stack will be pressure tested every 21 days and after each ram change to 200-300 psi and to the lower of the following maximums:

   a. Required working pressure on ram type preventers.
   b. 70% required WP on annular type preventers.
   c. Wellhead working pressure.

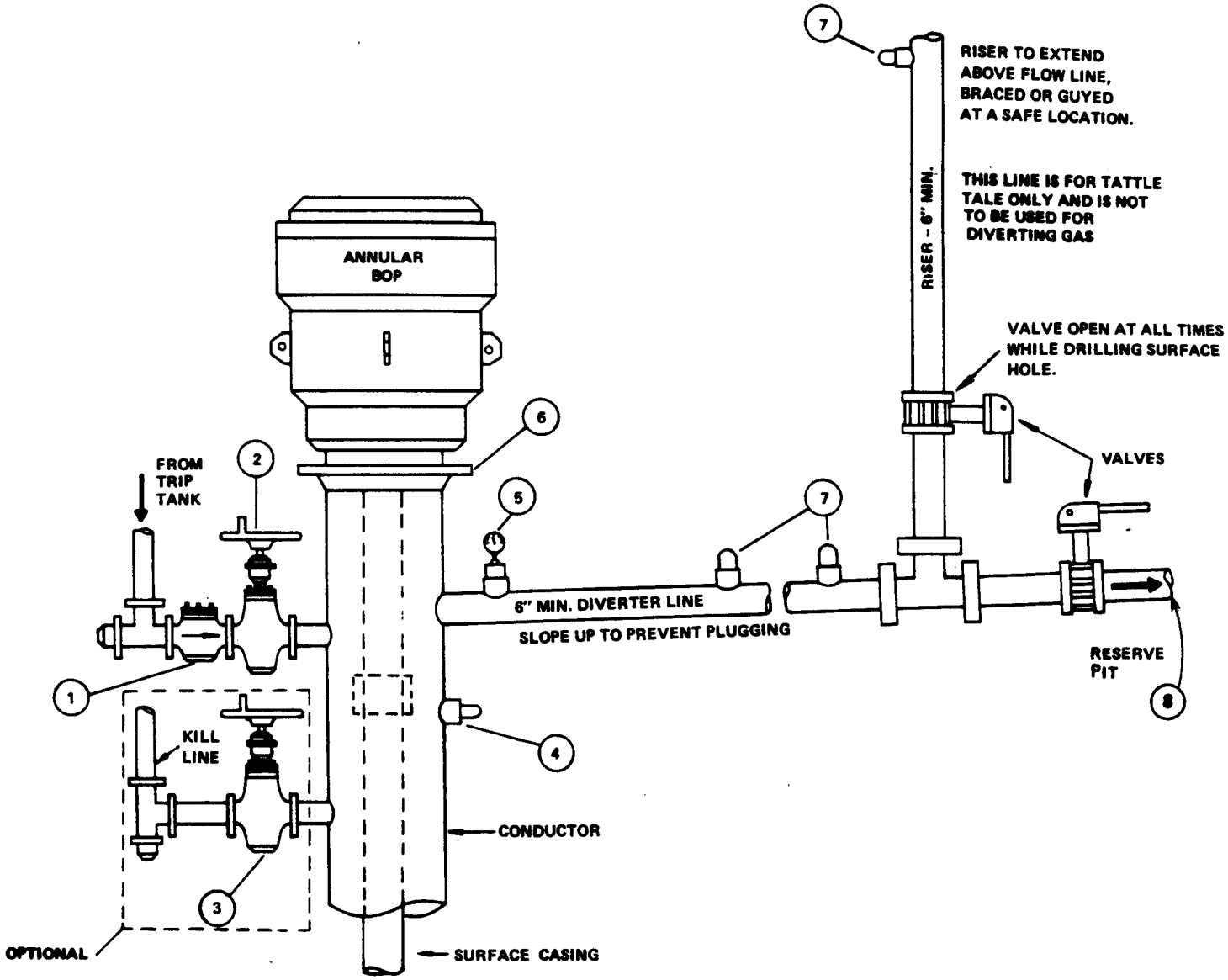
10. An operational test of the blowout preventers will be performed on each round trip, but no more than once each day. The annular and pipe ram preventers will be closed on pipe; the blind rams closed while out of the hole.

11. A drilling crew proficiency test to perform the well shut-in procedure will be performed at least once each week with each crew.

APPENDIX F

BOP SKETCH

10.1 TYPE-B DIVERTER SYSTEM



COMPONENT SPECIFICATIONS
Type-B Diverter System

1. Flanged or screwed flapper type check valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
2. Flanged or screwed gate or plug valve — 3" minimum nominal dia. and 150 psi minimum working pressure.
3. Optional — Kill line to pump water and minimize fire hazard when gas is flowing out diverter line. 3" thread-o-let welded to conductor with 3" minimum nominal dia. and 150 psi minimum working pressure gate or plug valve.
4. 3" welded collar with bullplug. This connection is used to clean out cement.
5. 2" welded collar with tapped bullplug, valve, and pressure gauge.
6. Annular BOP companion flange — screwed or welded to conductor casing. Note: A flanged spool with a diverter line side outlet can be used to save rig-up time.
7. Welded collar — 2" minimum nominal dia. — with bullplug. Cleanout connections.
8. Diverter line minimum Size 6" internal diameter.

NOTE:

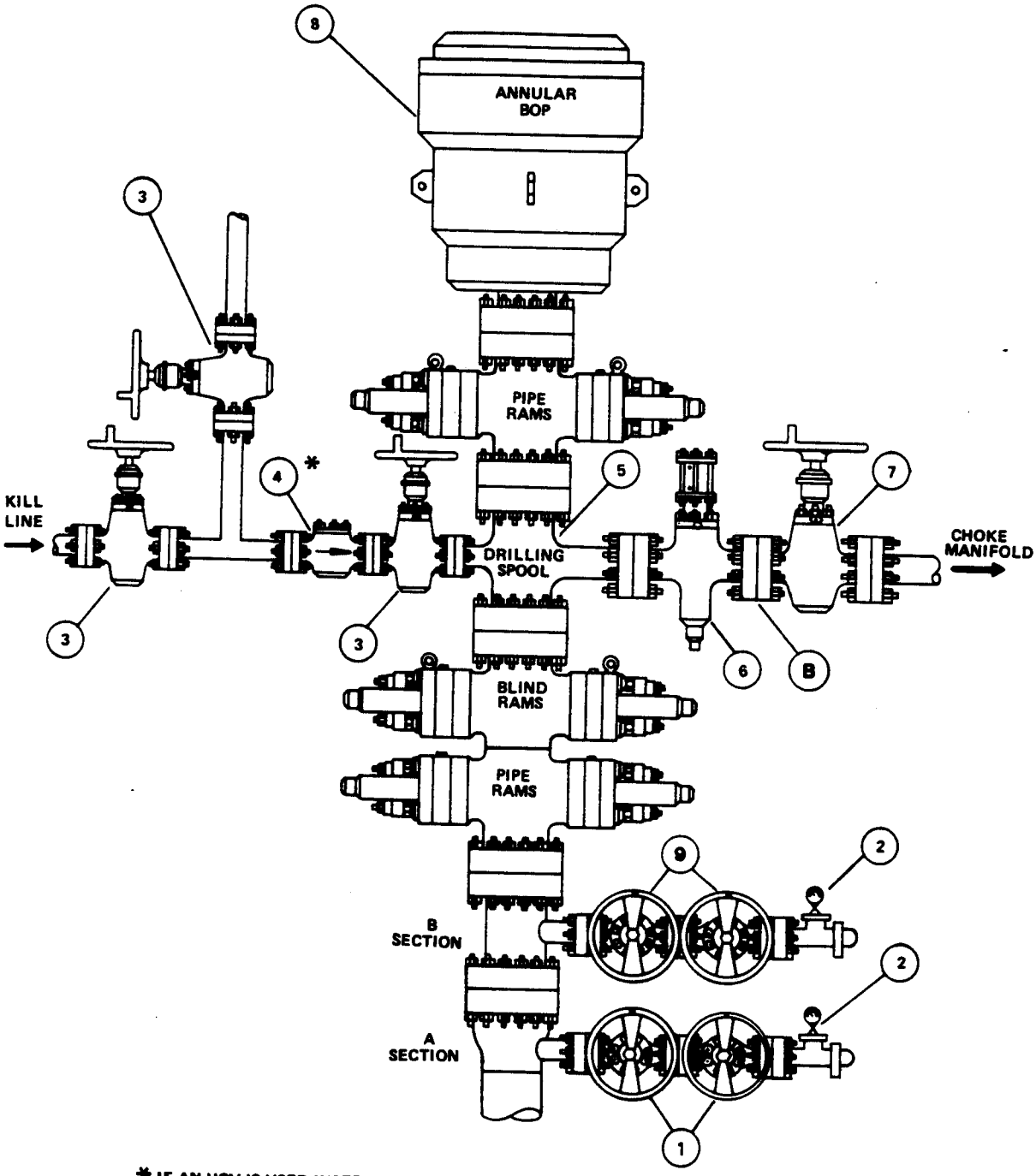
A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all of the above equipment including annular BOP, bell nipple and trip tank line connections.

B. The diverter line valves and other diverter component equipment must be 150 psi minimum working pressure. (Offshore 300 psi minimum W.P.)

C. The diverter line valves must be designed to maintain full open or closed position.

D. Diverter lines must be securely anchored. Sleeve-type couplings should not be used for pipe joint connections and 45° or 90° ells must not be installed on the end of diverter lines to direct flow downward. These can cause the line to "kick-up" when large flow volumes are diverted.

TYPE-4A BOP STACK
FOUR PREVENTERS
API (RRSRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO THE SPOOL.

COMPONENT SPECIFICATIONS
Type-4A BOP Stack

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged spring-loaded or flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets — 3" choke and 2" kill line minimum nominal dia. (See Table II-4 and Note D.)
6. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
7. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack. (See Note D.)
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.
9. Flanged plug or gate valve — 2" minimum nominal dia. — same working pressure as "B" section.

NOTE:

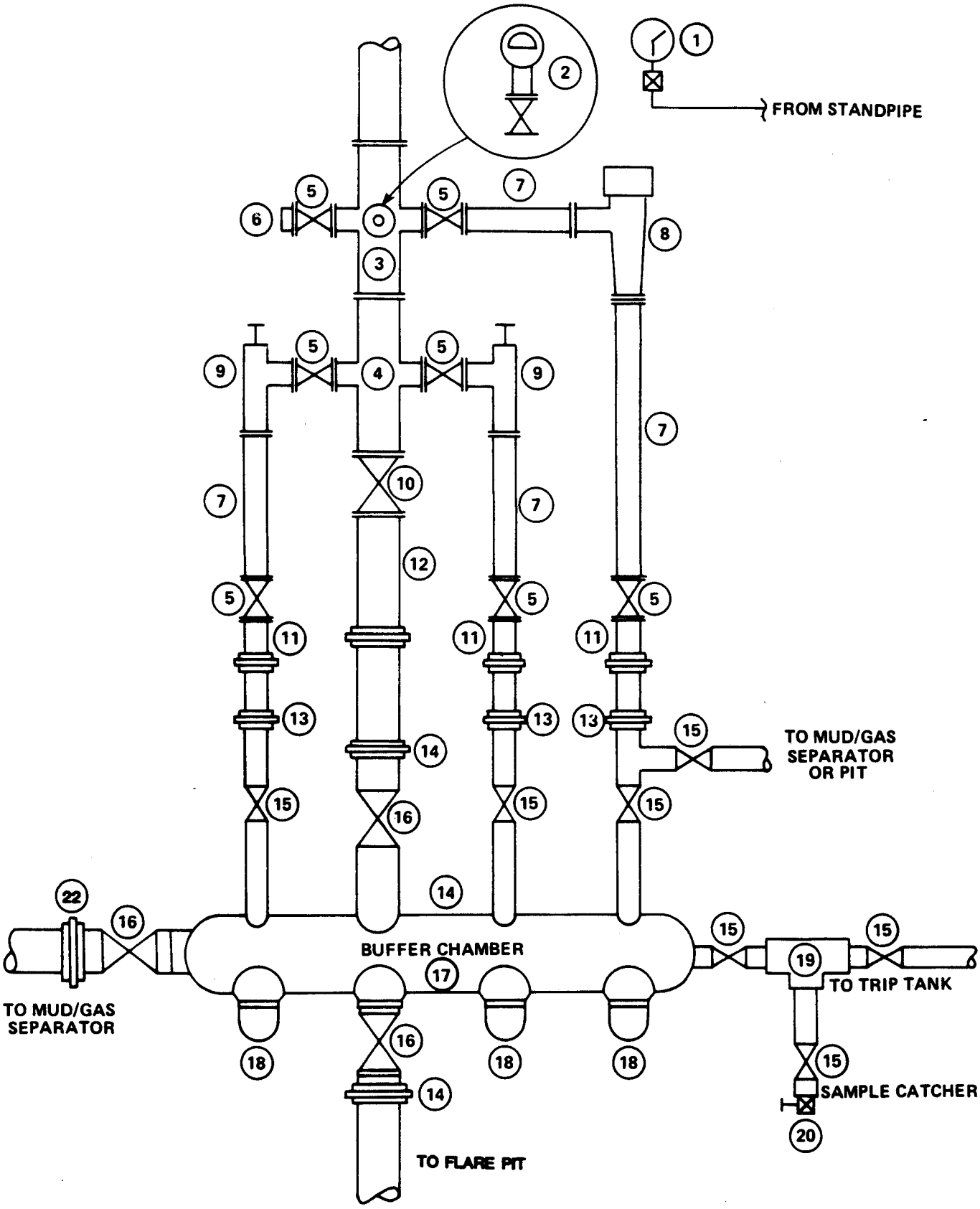
a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

FIGURE V-2

GUIDELINE FOR ARRANGEMENT OF THREE CHOKE MANIFOLD



COMPONENT SPECIFICATIONS
Figure V-2

1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphram type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged or studded cross — 3" x 3" x 2" x 2" minimum nominal dia.
5. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
6. Blind flange.
. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.
8. Flanged hydraulic choke with maximum size orifice opening.
9. Flanged manually — adjustable choke equipped with tungsten carbide stems and seats with maximum orifice opening.
10. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as chokes.
11. Companion flange with screwed nipple — 2" minimum nominal diameter.
12. Companion flange with screwed nipple — 3" minimum nominal diameter.
13. Screwed unions with nipple — 2" minimum nominal dia., flat face, hammer type.
14. Screwed unions with nipple — 4" minimum nominal dia., flat face, hammer type.
15. Screwed plug or gate valve — 2" minimum nominal diameter.
16. Screwed plug or gate valve — 4" minimum nominal diameter.
17. Buffer Chamber is optional — 8" minimum nominal dia. (Sch. 160 preferred).
18. Saddle welded to manifold with 3" screwed bullplug in place.
19. Screwed tee-2" minimum nominal diameter.
20. Screwed bullplug with screwed 1/2" needle valve for obtaining a flowing fluid sample.
21. Spare gauges.
22. **Screwed plug or gate valve — 6" minimum nominal diameter.**

NOTE:

A. The rated working pressure of the choke manifold equipment will be specified in the BID LETTER AND/OR DRILLING CONTRACT.

B. Unless specified otherwise in the BID LETTER AND/OR DRILLING CONTRACT, the Contractor will furnish and maintain all components shown except Item 1 which will be furnished by Exxon.

C. Contractor must furnish an acceptable mud/gas separator for each well. This separator must be equipped at all times with a 6" (minimum nominal dia.) gas flare line to exhaust gas to the flare line.

D. All components must comply with the attached *Specifications for Choke Manifold Piping, Fitting, and Connections.*

E. Plug valves should be equivalent to the Howco Lo-Torc and Gate Valves equivalent to the Cameron Type 'F'.

F. Crosses and valves may be substituted for the Buffer Chamber — Item 17.

G. Second hydraulic choke may be added, if specified, in place of one of the manually — adjustable chokes.

CONFIDENTIAL

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

OCT 24 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Exxon Corp.

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec.

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 - 1N - 4E

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summit

13. STATE: Ut

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other) Spud/casing			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

August — Spud 17 1/2" hole 8-6-85. Set 13 3/8" csg at 3506'

September — Drilled to 9276' in shale, sandstone, limestone & siltstone.

Please hold this status report confidential for the maximum period of time.

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Unit Head DATE 10-21-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 25 1985

*See Instructions on Reverse Side

utah

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

OCT 28 1985

DIVISION OF OIL GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 10-6-85

OIL CO.: Exxon

WELL NAME & NUMBER U.P.R.R. B-1

SECTION 25

TOWNSHIP 1-N

RANGE 4-E

COUNTY Summit

DRILLING CONTRACTOR Forwest #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Danny Smith

RIG TOOL PUSHER

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Oil Company
B.L.M.
State

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3490

Date 10-6-85

Operator Exxon Contractor Forwest Rig No. #6

Ordered By Danny Smith Lease U.P.R.R. Well No. B-1

County Summit Section 25 Township 1N Range 4E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300	5 min.	2000	15 min.	O.K.
Bottom Pipe Rams	300	5 min.	2000	15 min.	O.K.
Blind Rams	300	5 min.	2000	15 min.	O.K.
Annualar B.O.P.	300	5 min.	2000	15 min.	O.K.
Choke Manifold	300	5 min.	2000	15 min.	O.K.
Choke Line	300	5 min.	2000	15 min.	O.K.
Kill Line	300	5 min.	2000	15 min.	O.K.
Super Choke	300	5 min.	2000	15 min.	O.K.
Upper Kelly					O.K'd by Co. Man
Lower Kelly					O.K'd by Co. Man
Floor Valve	300	5 min.	2000	15 min.	O.K.
Dart Valve	N/A.	"	"	"	"

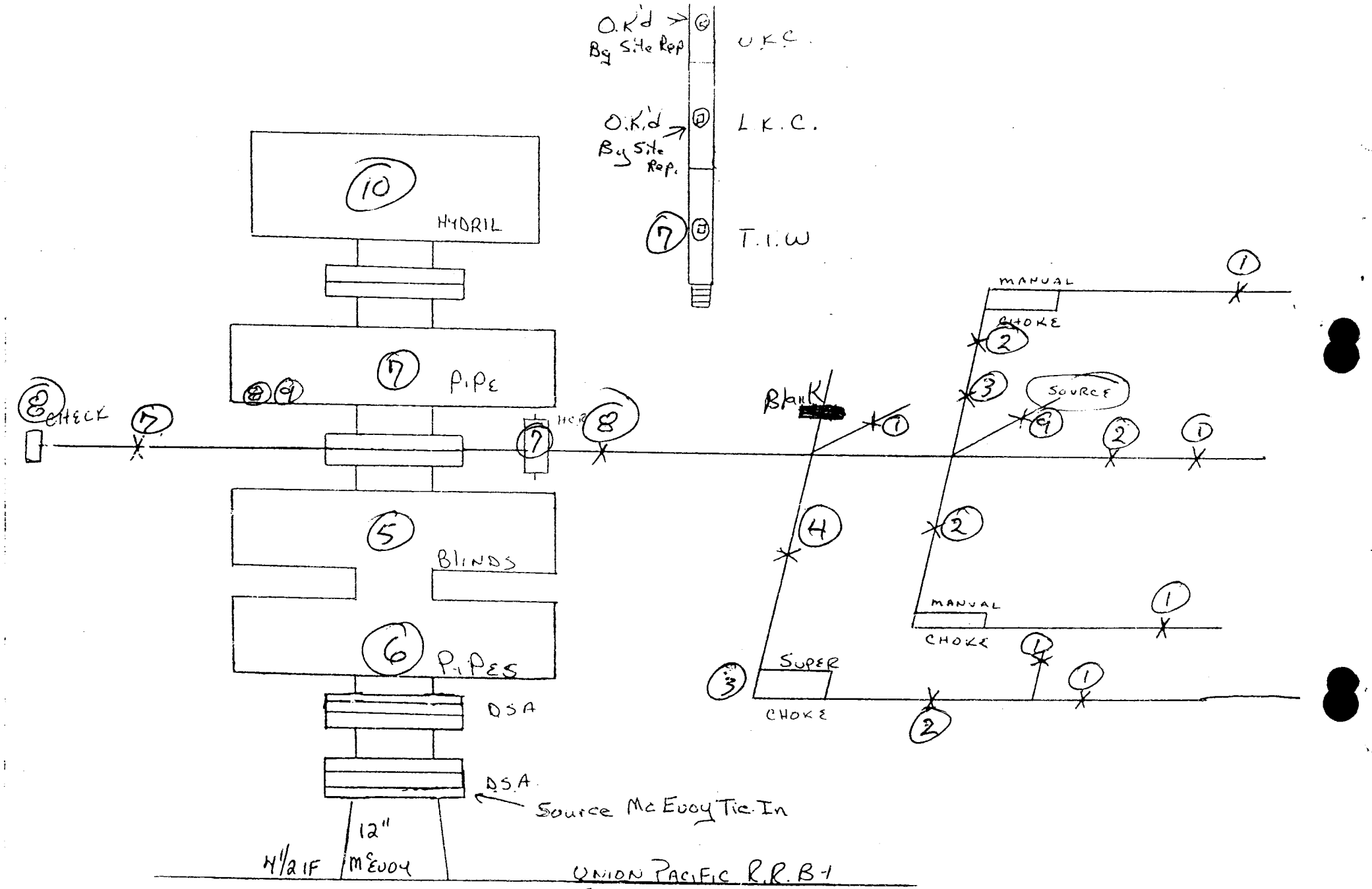
Closing Unit Psi 2900 Closing Time of Rams 8 sec. Closing Time of Hydril 17 Sec.

Closed Casing Head Valve Yes Set Wear Sleeve Yes

Comments Set Wear Bushing w/ Setter on Location
Fill Choke Line & Manifold w/ 30% Methanol

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Exxon	U.P.R.R. B-1	10-6-85	Forwest #6

TEST #	TIME	
	9:30	Load-up, 30% Methanol, & Drive to Location
	9:30 - 10:15	Unload Plug, Circ. Sub, Top & Bottom Subs, Rig up to Test Choke M.
1	10:15 - 10:35	300 & 2000 O.K. - Outside Values Choke Manifold.
	10:35 - 11:00	Fix Bleed off Values on Test Truck
2	11:00 - 11:20	300 & 2000 O.K. - 2nd Set Values Choke Manifold.
	11:20 - 11:30	Switch Values, Work Super Choke
3	11:30 - 11:50	300 & 2000 O.K. - Inside Value Choke Man. & Super Choke
	11:50 - 11:55	Switch Values
4	11:55 - 12:15	300 & 2000 O.K. - Inside 1st Value Choke Manifold
	12:15 - 12:45	P.U. Jt. Set Plug, McEvoy Tie In (Well Head), Fill Stack, Drop Die.
5	12:45 - 1:05	300 & 2000 O.K. - Blinds
	1:05 - 1:30	P.U. Jt D.P. & Make-up Circ. Sub & T.I.W. Screw into Plug
6	1:30 - 1:50	300 & 2000 O.K. - Lower Pipes
	1:50 - 1:55	Switch Rams
7	1:55 - 2:15	300 & 2000 O.K. - Upper Pipes, H.C.R., 1st Kill Value, T.I.W.
	2:15 - 2:20	Switch Values
8	2:20 - 2:40	300 & 2000 O.K. - U. Pipes, 4" Manual Choke line, ✓ Value
	2:40 - 2:45	Switch Values
9	2:45 - 3:05	300 & 2000 O.K. - Riser Value, Choke line
	3:05 - 3:15	Work Hydrill & open Upper Pipes
10	3:15 - 3:35	300 & 2000 O.K. - Hydrill
	3:35 - 4:15	Pull Plug, Break out Subs, Set Wear Ring
	4:15 - 5:00	Fill Choke Manifold w/Methanol, Spool up & Load Out.
	5:00 - 7:00	Make Out Test Ticket, Travel to Shop
	7:00 8:00	Clean Unit.
	8:00 9:00	Report.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UNION PACIFIC R.R. B-1
EXXON
FORWEST #6

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ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
MIDNIGHT
NOON
6 AM
6 PM

DOUBLE D
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POUNDS PER SQUARE INCH
GC GC-15216
MIDNIGHT
NOON
6 AM
6 PM
PRINTED IN U.S.A.

Form OGCC-1 b

CONFIDENTIAL

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
NOV 13 1985
DIVISION OF OIL GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec. 25 (NW SE)

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25-T1N-R4E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summit

13. STATE: Ut

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) TD & H_2S Contingency Plan			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Please approve our revised H_2S Contingency Plan for subject well.

Please approve a change in total depth from 13,200' to 15,000'.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/18/85
BY: John R. Baza

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Unit Head DATE 11-5-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

NOV 25 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Exxon Corp.

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec.

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 - 1N - 4E

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summit

13. STATE: UT

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other) Status			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please hold this status report confidential for the maximum period of time.

October Drilled to 11794' in siltstone, sandstone, shale and limestone.

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Unit Head DATE 11-19-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Utah

DOUBLE "D" ENTERPRISES

RECEIVED

DEC 02 1985

DIVISION OF OIL GAS & MINING

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 10-26-85

OIL CO.: Exxon

WELL NAME & NUMBER U.P.R.R. B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY Summit

DRILLING CONTRACTOR Forwest #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE A.L.Brown

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative

Utah Oil & Gas

B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3830

Date 10-26-85

Operator EXXON Contractor Forwest Rig No. #6

Ordered By A Brown Lease U.P.R.R. Well No. B-1

County Summit Section 25 Township 1N Range 4E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300	5 min	2000	15 min	
Bottom Pipe Rams	300	5	2000	15	
Blind Rams	300	5	2000	15	
Annualar B.O.P.	300	5	2000	15	
Choke Manifold	300	5	2000	15	
Choke Line	300	5	2000	15	
Kill Line	300	5	2000	15	
Super Choke	300	5	2000	15	
Upper Kelly	300	5	2000	15	
Lower Kelly	300	5	2000	15	
Floor Valve	300	5	2000	15	
Dart Valve					

Closing Unit Psi 3000 Closing Time of Rams 8 sec Closing Time of Hydril 18 sec

Closed Casing Head Valve yes Set Wear Sleeve yes

Comments

Manofold Full of Methonol

FOREST EXXON 10-26-85

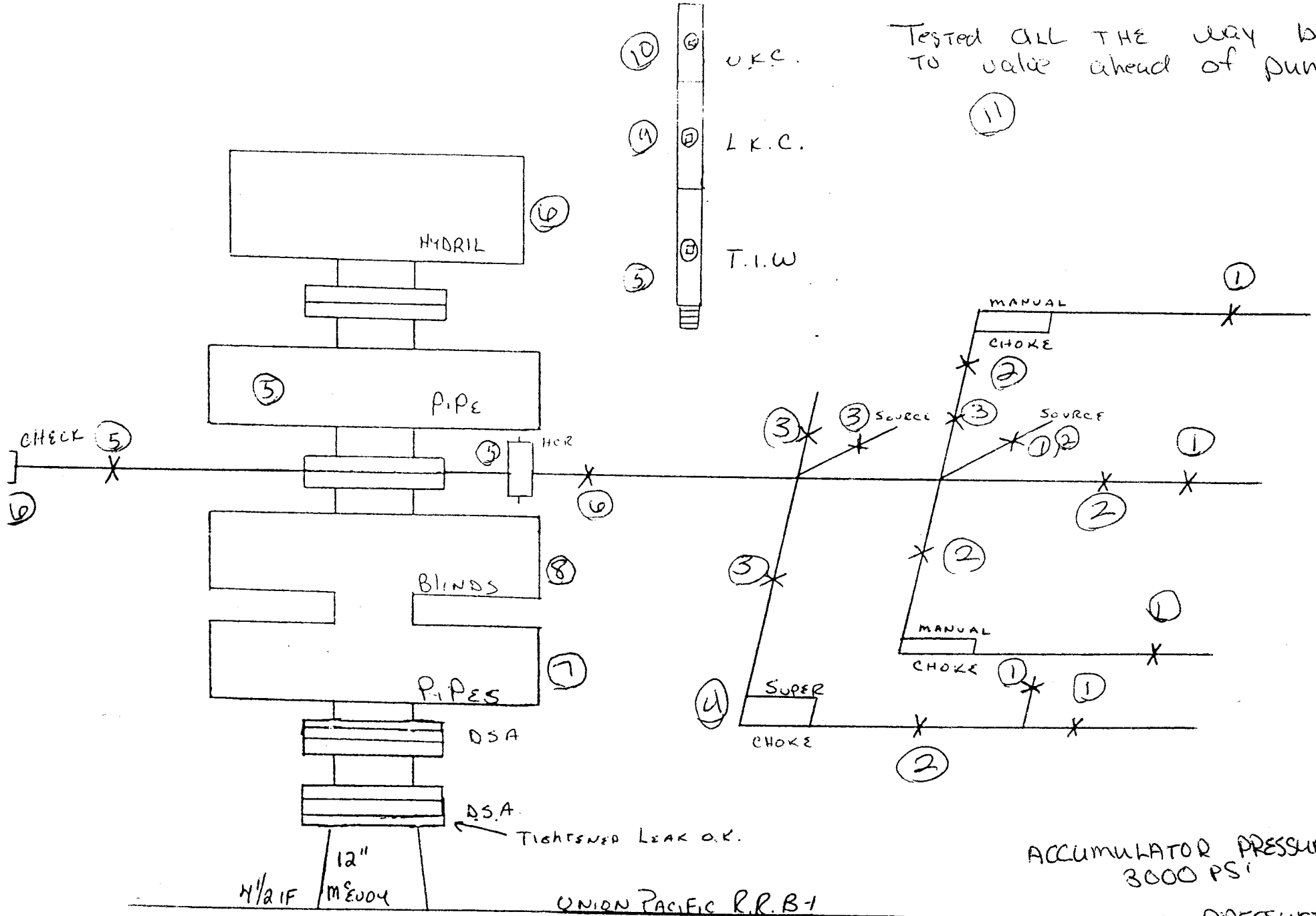
LOADED TRUCK OUT 3:30
ARRIVED on location 5:10
Rigup on manofold.

① 5:47 Low Test on Back manofold.
5:52 High Test.
② 6:10 Low Test on 2nd manofold
6:15 High Test
SWITCHED TO BACK vertical for Source
③ 6:38 Low inside manofold
6:44 HIG Test
④ 7:00 Low Super choke
7:05 High Super-choke
Rig up on Floor & cellar.
Pulled wear ring. - set plug - made up subs

⑤ 8:17 Low Test on TOP. pipes - TIW
1ST kill valve HCR
8:24 High Test on same
⑥ 8:43 Low Test on HYDRIL - CHECK - TIW - 4" manual
next TO HCR.
8:53 High Test.
⑦ 9:10 Low Test on BOTTOM PIPES
9:16 HIGH Test on BOTTOM pipes
TAKE OUT Joint Test Blinds Throug
Jam nut hole.
⑧ 9:35 Low Test Blinds -
9:40 High Test
⑨ 10:06 Low lower kelly
10:12 High.
Upper kelly is a flubber valve had
to hold it down
⑩ 10:50 Low Upper kelly
10:55 High Upper kelly.

⑪ all the way back to the pumps.
11:15 Low
11:20 High.
Roll-up - set wear ring. - made out ticket.

Tested ALL THE way back TO valve ahead of pump.



UNION PACIFIC R.R. B-1
EXXON
FORWEST #6
10-26-85

ACCUMULATOR PRESSURE
3000 PSI

MANIFOLD PRESSURE
1500 PSI

HYDRIL PRESSURE
1700 PSI.

MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
10 - 26 1985

MIDNIGHT
NOON
6 AM
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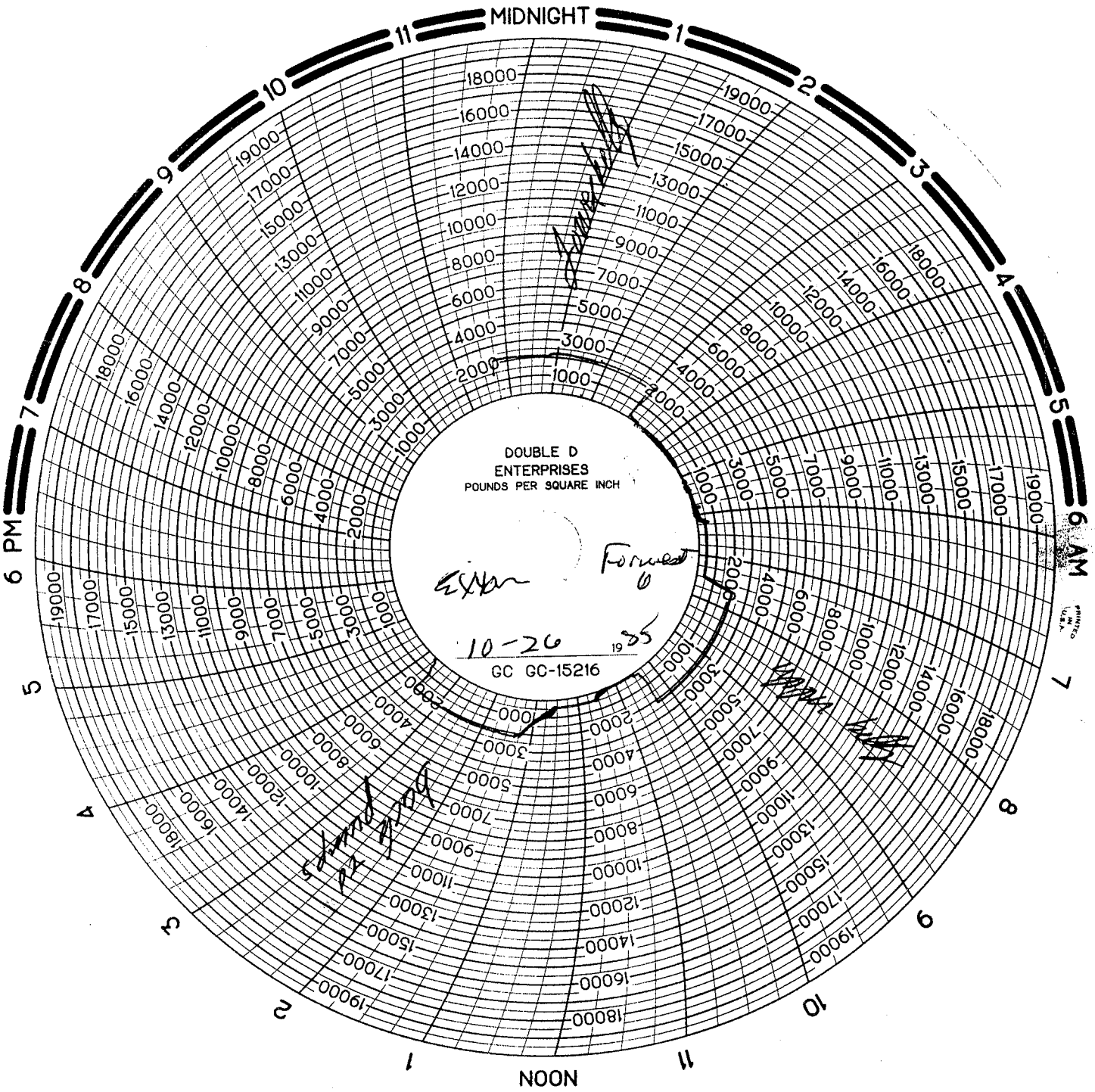
ENTERPRISES
POUNDS PER SQUARE INCH
FORWEST 6
10 - 26 85
GC GC-15216


MIDNIGHT
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ENTERPRISES
POUNDS PER SQUARE INCH
10-26 1935
GC GC-15216

Utah

DOUBLE "D" ENTERPRISES

RECEIVED

DEC 20 1985

DIVISION OF OIL GAS & MINING

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 12/2/85

OIL CO.: EXXON

WELL NAME & NUMBER U.P.R.R. B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY Summit, Utah

DRILLING CONTRACTOR Forwest #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Danny & Jim

RIG TOOL PUSHER John

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Oil Co.
State
BLM

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

№ 3369

Date 12/2/85

Operator EXXON Contractor FORWEST Rig No. 6

Ordered By DAN Lease U.P.R.R. Well No. B-1

County Summit Section 25 Township 1N Range 4E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	300	5min	4000	15min	OK
Bottom Pipe Rams					
Blind Rams					
Annualar B.O.P.			2500		
Choke Manifold			4000		
Choke Line					
Kill Line					
Super Choke					
Upper Kelly					
Lower Kelly					
Floor Valve					
Dart Valve					

Closing Unit Psi 3000 Closing Time of Rams 14 sec. Closing Time of Hydril 23 sec

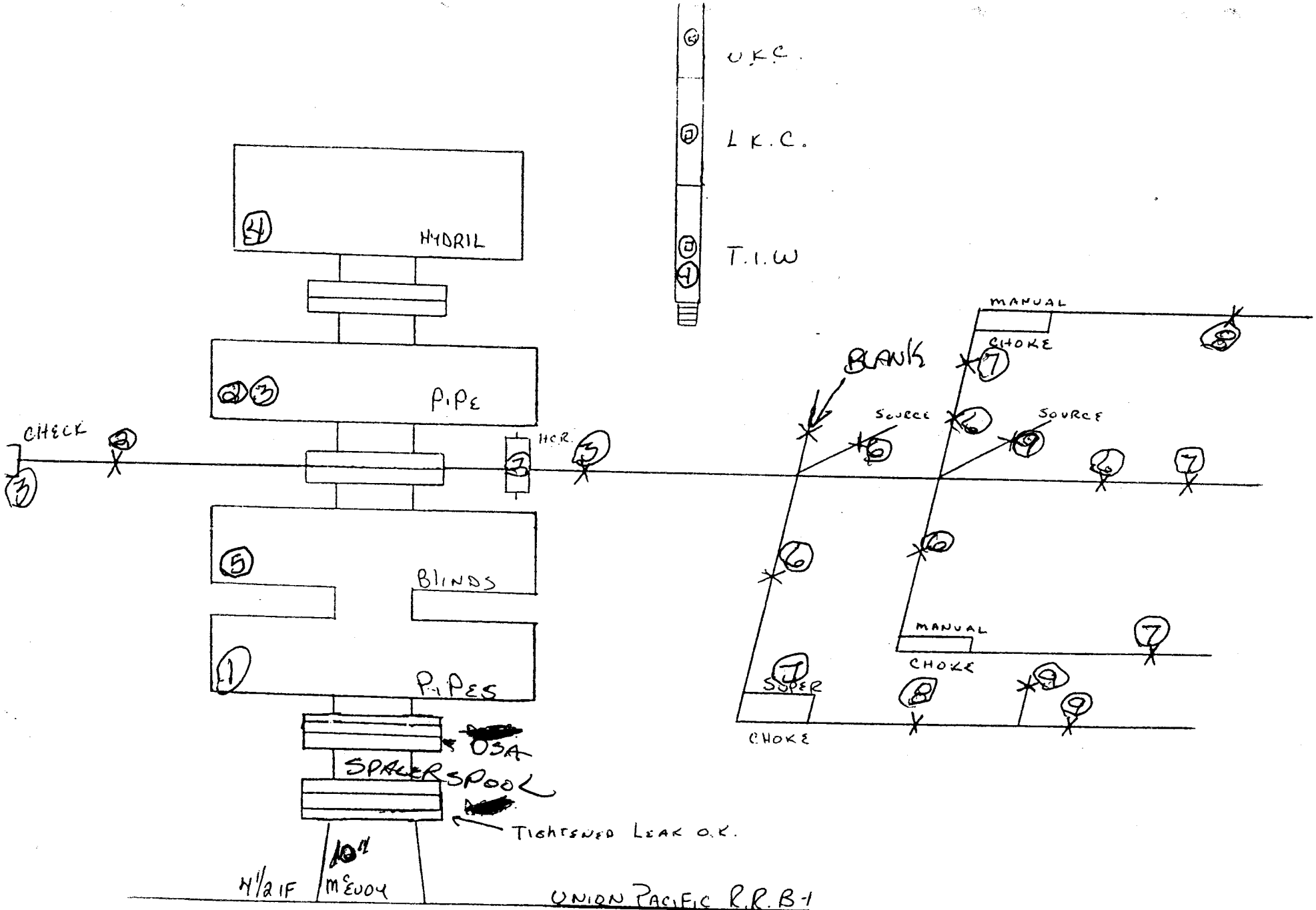
Closed Casing Head Valve ✓ Set Wear Sleeve ✓

Comments MANIFOLD FULL METHANOYL

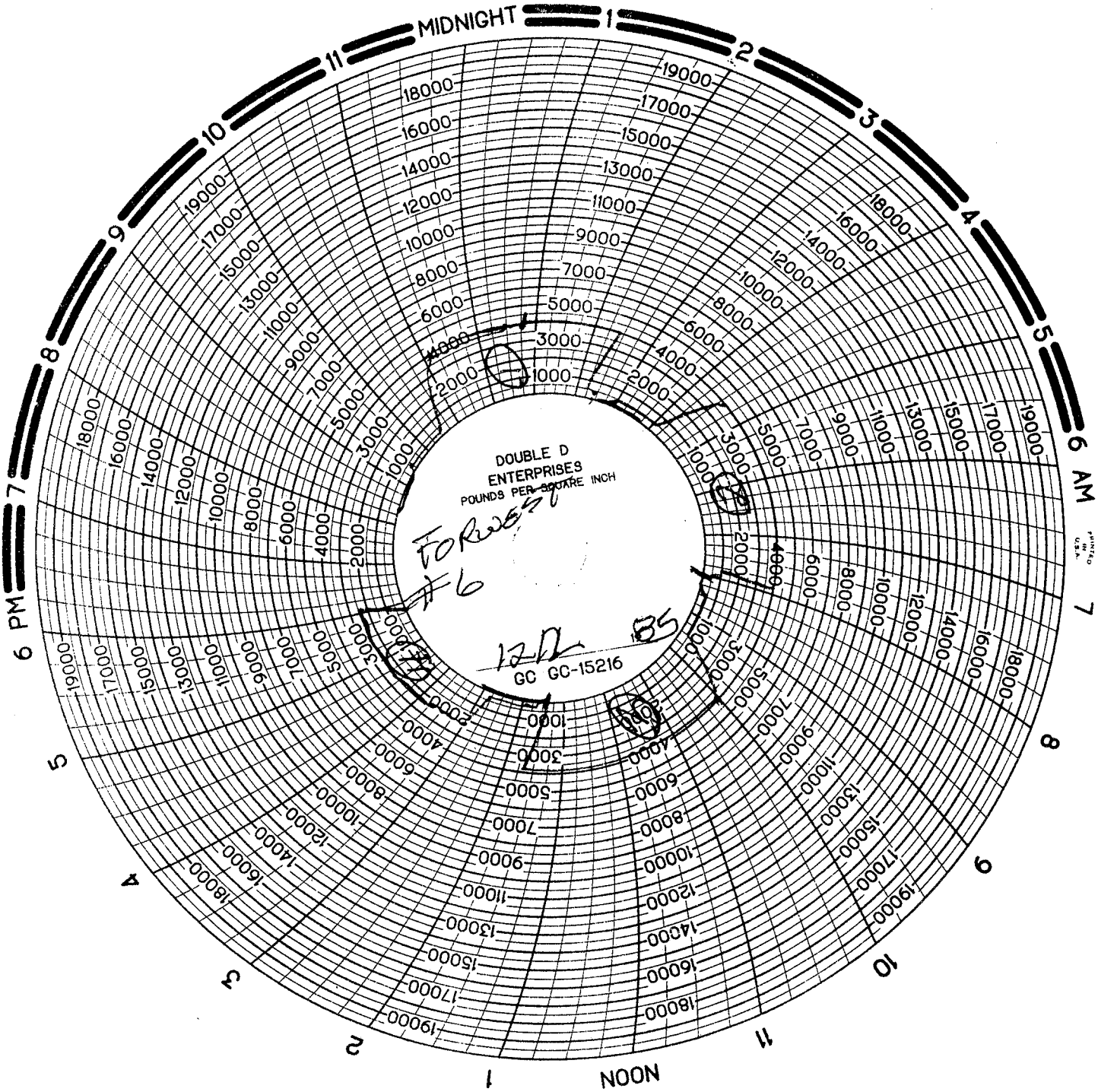
COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Exxon	U.P.R.R. 'B-1	12/2/85	Forwest #6

EST#	TIME	
	0730-0800	Rig up to Test
1	0800-0820	Test Lower Pipe Rams & TIW.
2	0820-0850	Test Upper Pipe Rams, 1st Kill & HCR
3	0850-0920	Test Upper Pipe Rams, 4" manual choke value & value
4	0920-1000	Work Hydril then test Hydril
5	1000-1040	Unscrew f/ plug, Pull Joint out, then Test Blind Rams
	1040-1130	Pull plug, Breakdown tools, set wear ring, close csg head values & tie into manifold
6	1130-1150	Test 1st set manual values
7	1150-1210	Test 2nd set & super choke
8	1210-1235	Test 3rd set
9	1235-1300	Test 4th set
	1300-	Spool up, make out tickets & travel to shop

POOR COPY



UNION PACIFIC R.R. B-1
EXXON
FORWEST #6


MIDNIGHT
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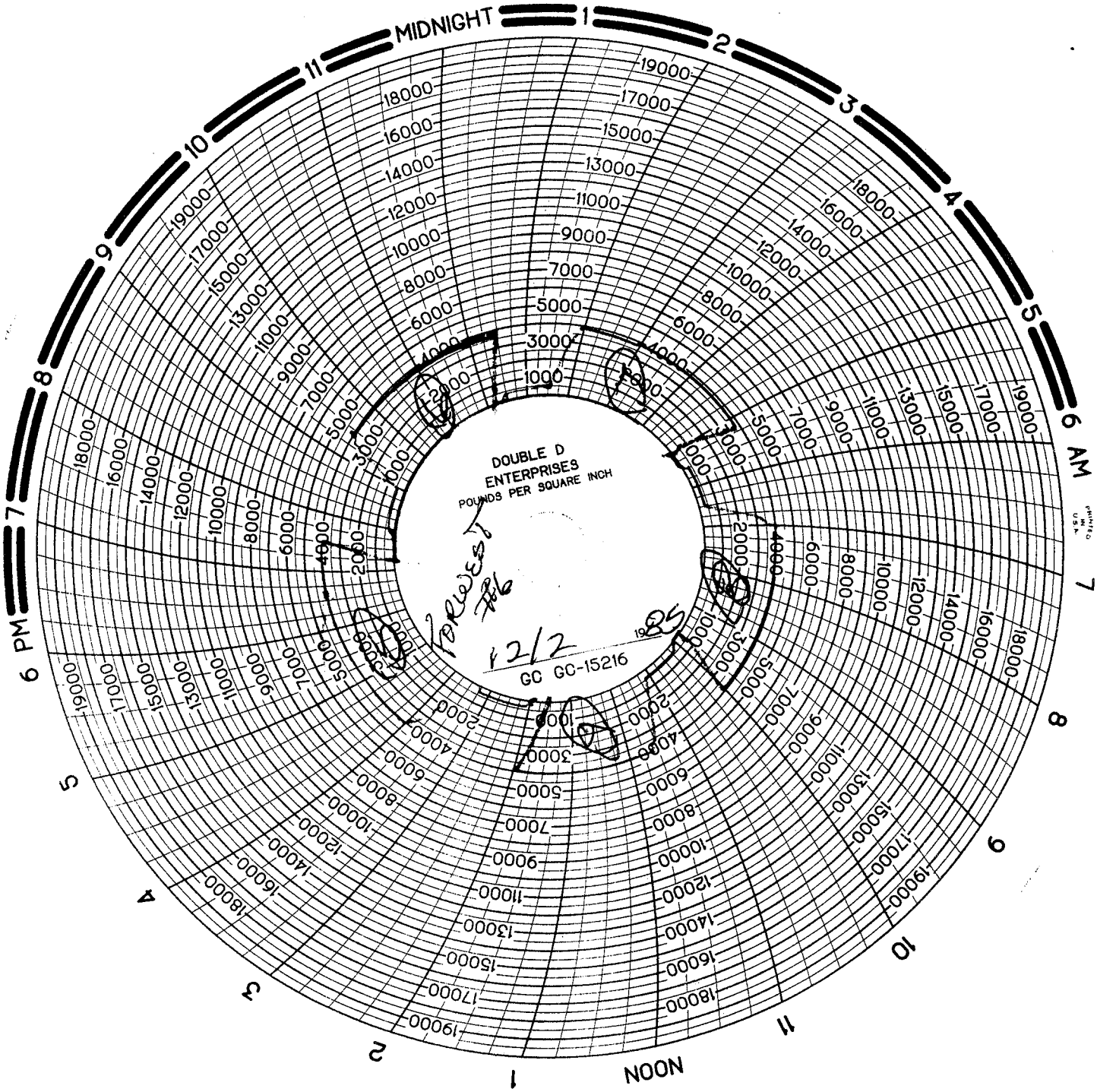
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216


MIDNIGHT
NOON
6 AM
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DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
12/2
1985
PRINTED IN U.S.A.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

DEC 16 1985

DIVISION OF OIL GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Exxon Corp.

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec.

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 - 1N - 4E

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summitt

13. STATE: UT

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other)		Status	[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Please hold this status report confidential for the maximum period of time.

November Drilled to 11388' in siltstone, sandstone, and shale. Logged. Drilled to 11794' in siltstone, sandstone, shale, and limestone.

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Kripling TITLE Unit Head DATE 12-11-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

12/23/85
JRB

Confidential

Exxon
UPRR B #1
Sec. 25, T1N, R4E
Summit Co.

Sam Harrill
(915) 686-4334

- Drilled through Salt. Cannot hit Twin Creek

13 3/8" @ 3506' cmt. to surf.
9 5/8" @ 12372 cmt. to surf.
stage tool @ 7300'

- They had been drilling and stuck drillstring. Set plug.

TD @ 14231
Top of Salt @ 11863'
Base of Salt @ ~~13250'~~ 13520
Mud wt. 14.8 ppg.

1. 100' plug across base of salt (13470-13570)
2. Plug @ casing seat. (12325-12425)
3. Stabilizer plugs, every 2500'-3000'. 1 plug at stage tool. (6810-6910)(9600-9700) (3450-3550)
4. Surface plug of 10-15 sx. (50')
5. Dry hole marker unless waived.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Exxon Corporation Attn: Melba Knipling

3. ADDRESS OF OPERATOR
P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1858' FSL and 1997' FEL of Sec. 25 (NW SE)

5. LEASE DESIGNATION AND SERIAL NO.
Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
U.P. RR "B"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25-T1N-R4E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6798' GR

12. COUNTY OR PARISH: Summit

13. STATE: UT

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Change T.D.			[X]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please approve a change in total depth of subject well from 15,000' to 17,000'.

Verbal approval to change T.D. to 17,000' was given by Mr. John Baza on this date.

CONFIDENTIAL

RECEIVED
JAN 03 1986
DIVISION OF OIL GAS & MINING

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/7/86
BY: John R. Baza

18. I hereby certify that the foregoing is true and correct
SIGNED Melba Knipling TITLE Unit Head DATE 12-30-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Utah

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 12-30-85

OIL CO. Exxon

WELL NAME & NUMBER Union Pacific Railroad B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY Summit, Utah

DRILLING CONTRACTOR Forwest #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Aubrey Brown

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

RECEIVED
JAN 13 1986
DIVISION OF OIL
GAS & MINING

POOR COPY

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Exxon	UPRR B-1	Dec 30.	Forwest 6

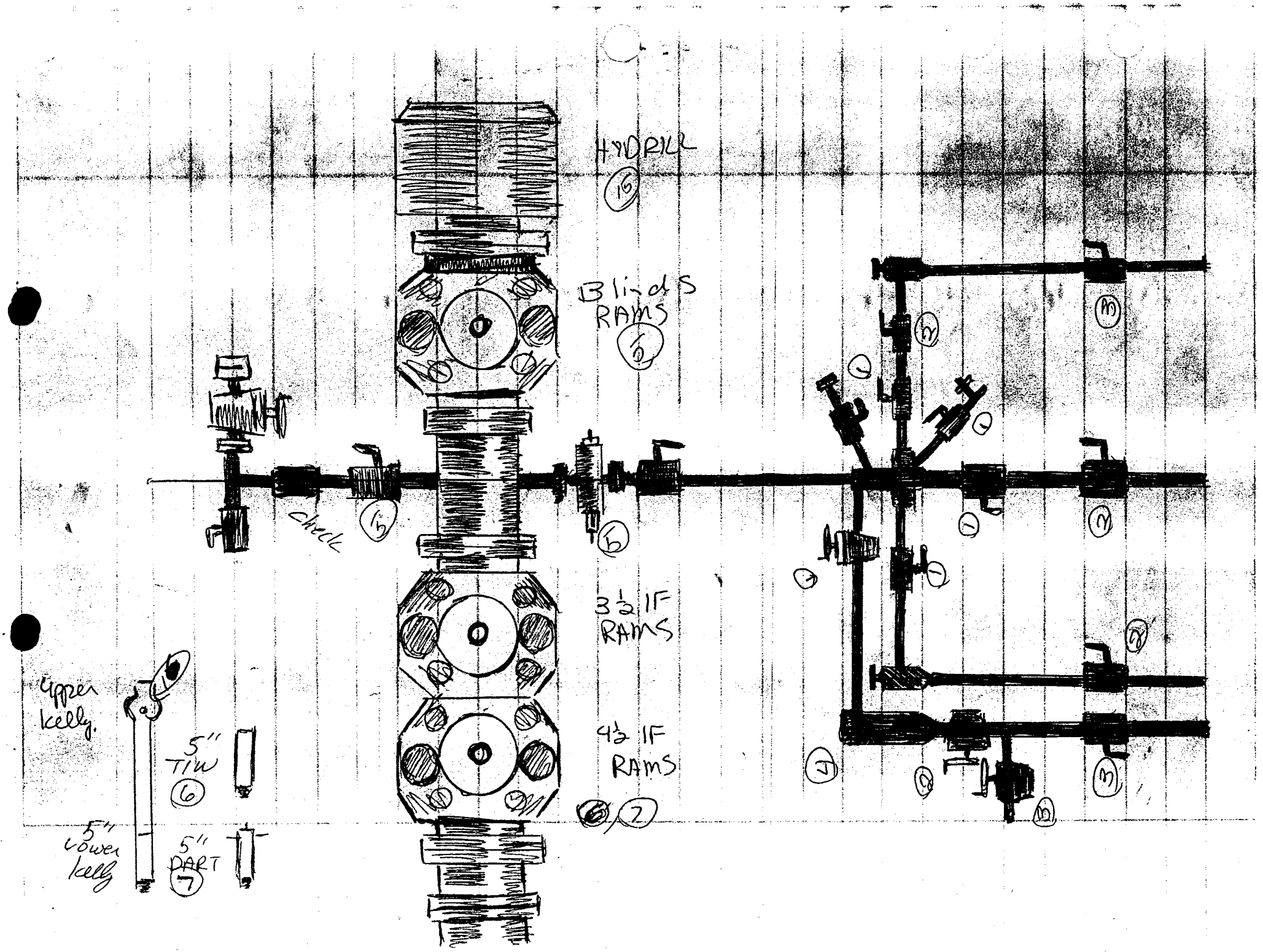
EST#	TIME	
	9:00	loaded nipple up tools & got Testing truck ready
	10:30	ARRIVED ON LOCATION
1	11:30	low Test 1st manofold. had to Jack up once.
	12:00	High Test 1st manofold
		Rig crew washing down sub & BOPS.
2	12:18	low Test 2nd manofold.
	12:23	High Test
		while doing high Test we broke & Ran out the bonnet bolts on Two sets of Rams.
3	12 43	low Test 3RD manofold
	12 48	High Test
		Rig crew are switching kooney lines. Then we opened doors up & switched Rams out. & greased gaskets & blocks. & bolts
4	2:35	low Test superchoke.
	2:47	High Test
		while doing high Test made up Ram door bolts. Rig crew trying to switch out Flow line out & put a value up there.
	3:00 to 3:45	pulled wareing Tong up sub set plug.
5	3:50	low Test on Blinds 1st kill & HCR
	4:00	High Test no hold. worked them no hold. worked them no hold turned accumulator up still no hold - worked them no hold. drained stack to see where leaking. Rams no good change out. check Pipes while waiting on Rubbers.
6	5 47	5" Rams - T.I.W. low Test.
	5 :54	High Test.
7	6 :20	low Test 5" Rams DART VALVE
	6:25	High Test
		Then Rig up on kelly
8	7:13	low Test lower kelly
	7:19	High Test.

POOR COPY

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Exxon	UPRR B-1	Dec 30	Forwest 6

TEST#	TIME	
9	7:34 TO 8:20	Tries to get upper kelly to hold pressure (no hold)
10	8:30	low Test on 3½ Rams & TIW
	8 35	High Test
		Made up kelly sub on 2nd TIW on cat walk.
	9 20	low 2ND TIW
	9 25	High Test had to work it.
	9 40	low again.
	9 45	High Test held this Time.
11	10:06	High Test on guage valve in manafold house.
	10 22	Low Test on guage valve.
		Then opened up guage valve to see if guage reads correctly it reads good but the choke panel on floor doesn't work. the guage that is.
		I changed out Rubbers on Rams & put them in while running the last three Test.
12	10 49	low Test on Blinds 1ST hill - HCR
	10 56	High Test. HCR leaks switch to valve in front of it.
13	11:22	low Test Blinds 1st hill & 2ND choke valve
	11:27	High Test.
14	11:54	low Test Blinds HCR - check.
		no hold. HCR - plugged into manafold and pressure up on HCR from back side. had drilled open it & Blow the shit out of it.
14	12:00	low Blinds check - HCR
	12:15	High Test. held this Time.
15	12:48	low Test Hydrill had to work it.
	12 54	high Test. Had to work it.
	1:06	high Test Hydrill held this time.
16	1:15 TO	1:00 TRIED TO get flapper valve on upper kelly to hold no good. They are going to replace it then we set wave ring rolled up. Testing equipment & nipple up tools.

POOR COPY


HYDRILL
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Blinds
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MIDNIGHT
NOON
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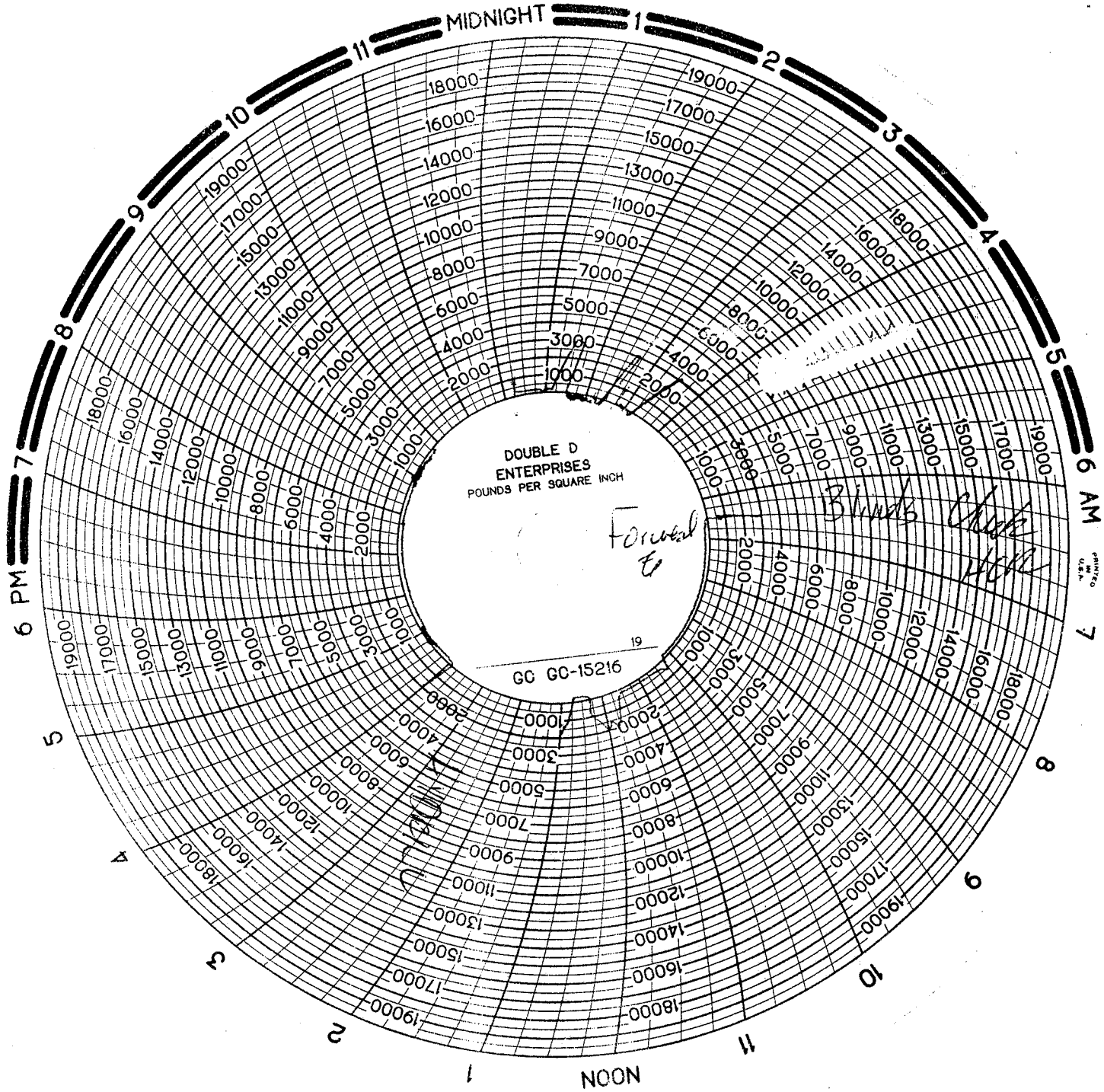
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216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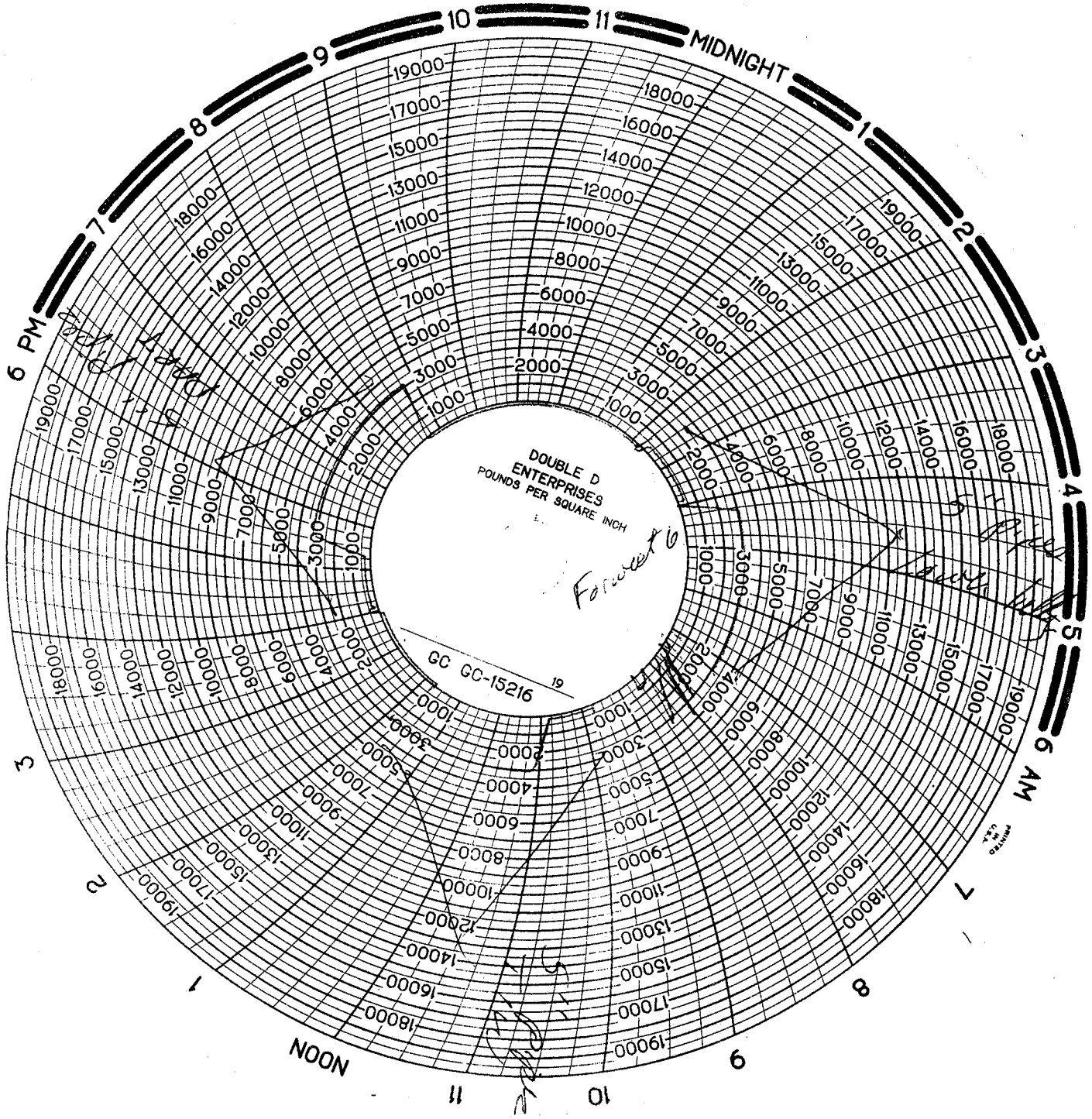
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ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
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MIDNIGHT
NOON
6 PM
6 AM

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JAN 21 1986
DIVISION OF OIL GAS & MINING

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Exxon Corp.

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec.

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 - 1N - 4E

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summitt

13. STATE: UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Status			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

November's report was in error. Listed below is a corrected November report as well as December's report.

November — Drilled to 12586' in siltstone, limestone, shale and sandstone. Circulate and condition. Drilled to 13206' in same lithology. Fished. Logged. Set plug 12745-12414'. Set 9 5/8" csg. at 12374'.

December — Drilled cmt. Sidetracked - no problems. Drilled to 14457' in sandstone, siltstone, salt, shale, and limestone. Logged. Set 7 5/8" liner at 14457'.

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Section Head DATE 1-14-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Utah

DOUBLE "D" ENTERPRISES

RECEIVED

JAN 31 1986

DIVISION OF OIL GAS & MINING

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 1-21-86

OIL CO.: Exxon

WELL NAME & NUMBER Union Pacific RailRoad B-1

SECTION 25

TOWNSHIP 1N

RANGE 4E

COUNTY Summit, Utah

DRILLING CONTRACTOR Forwest #6

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Aubrey Brown

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative

Utah Oil & Gas

B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET
№ 4104

Operator Exxon Contractor Forwest Rig No. 6
Ordered By A. Brown Lease Union Pacific Rail Road Well No. B-1
Summit Co Utah Section 25 Township 1 N Range 4E

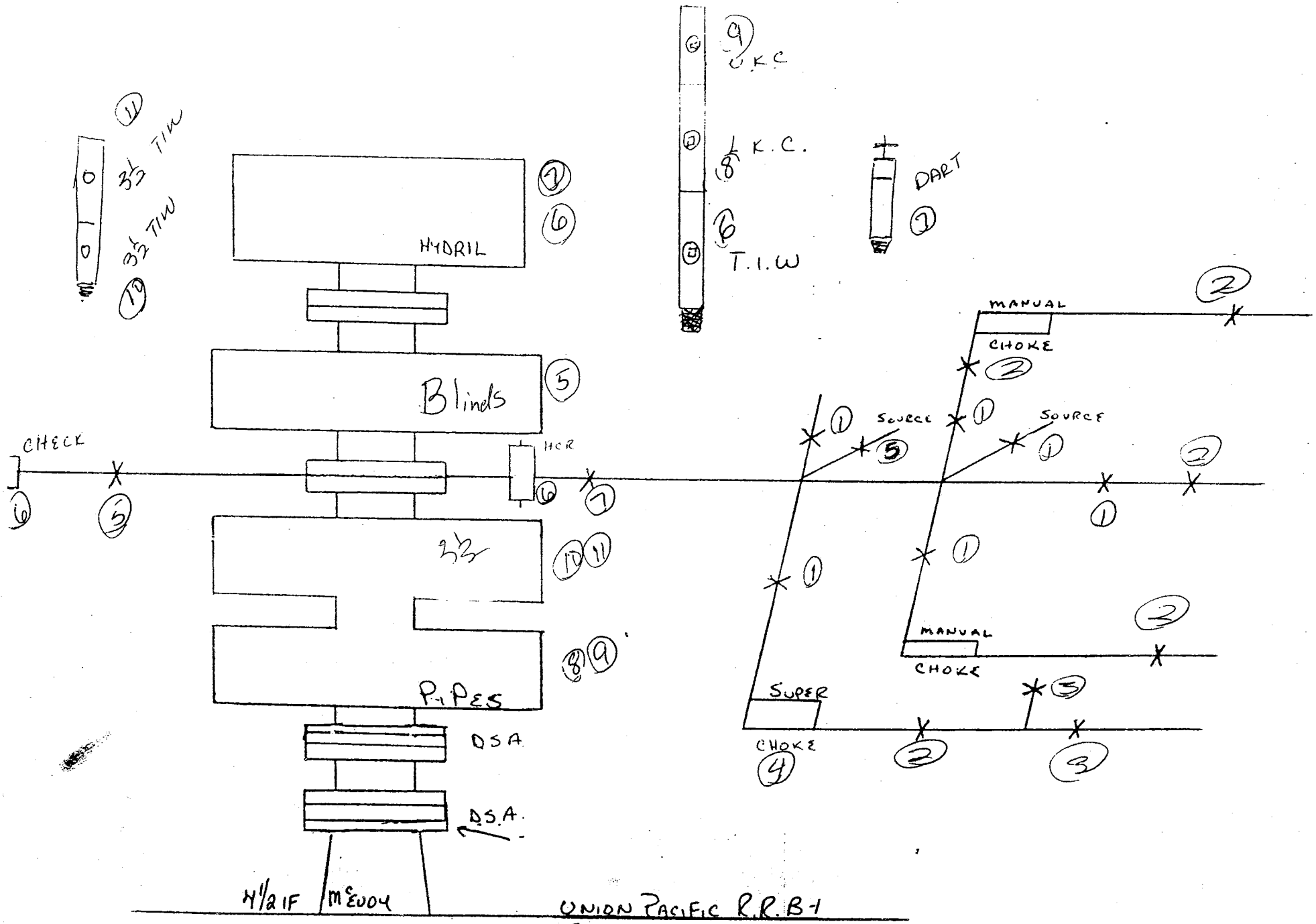
Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	—		—		
Bottom Pipe Rams	5	15 minutes	5	15 minutes	
Blind Rams	2		2		
Annualar B.O.P.	0		0		
Choke Manifold	0		0		
Choke Line	0		0		
Kill Line	0		0		
Super Choke	0		0		
Upper Kelly	0		0		
Lower Kelly	0		0		
Floor Valve	0		0		
Dart Valve	0		0		

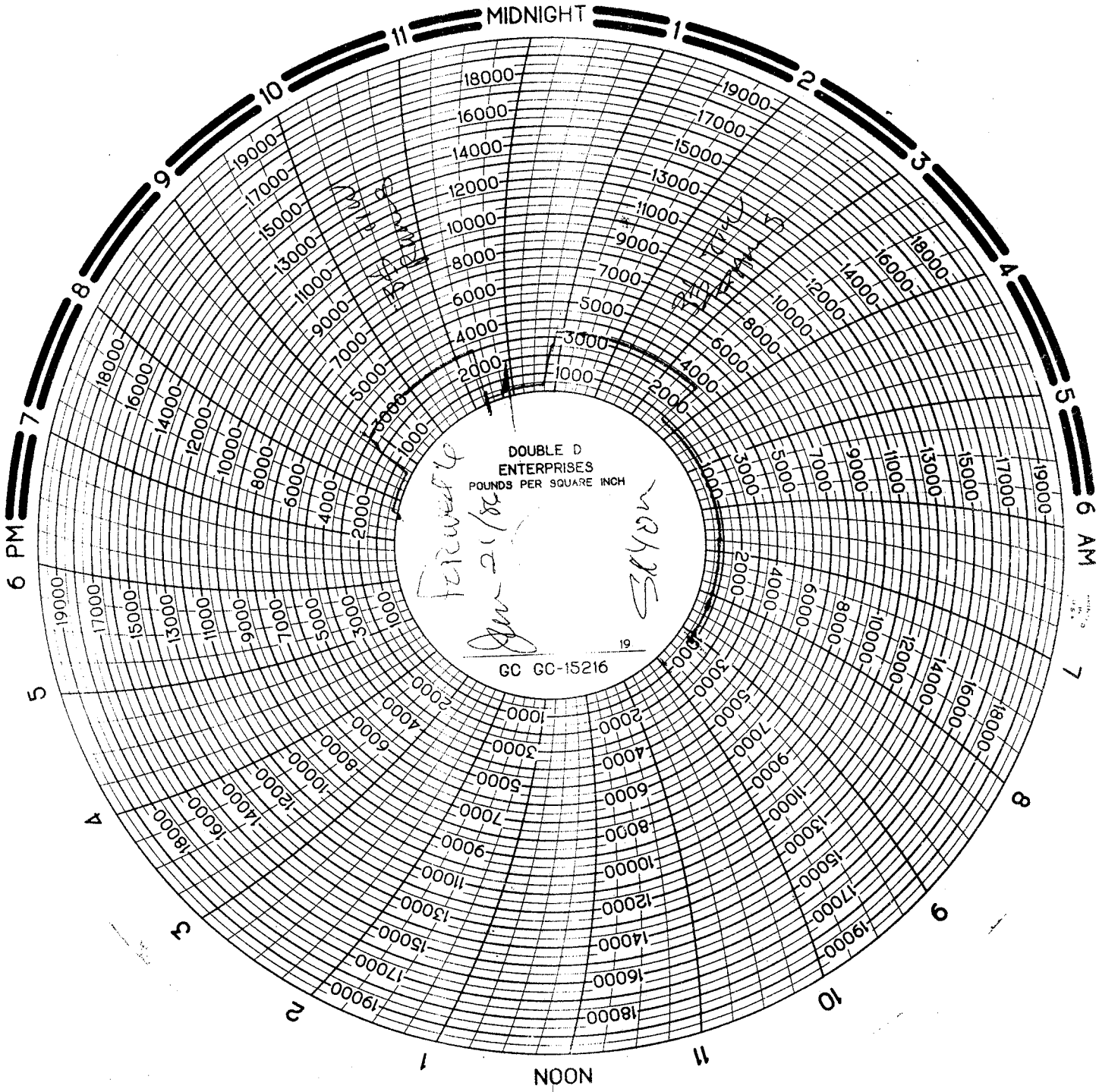
Closing Unit Psi 3000 Closing Time of Rams 4½ & Blinds 8 sec Closing Time of Hydril 15 sec
Closed Casing Head Valve ✓ Set Wear Sleeve ✓
Comments HAD TROUBLE SHUTTING 3½ RAMS.
5" T.I.W. NO GOOD.

COMPANY	LEASE AND [redacted]L NAME #	DATE [redacted]EST	RIG # AND NAME
Exxon	Union Pacific Railroad B-1	Jan 21 - 86	Forester 6

#	TIME	
	4:00	ARRIVED AT SHOP
	4:30	Left for location
	5:48	ARRIVED on location Rig TRIPPING
1)	6:35	low Test 1ST manifold
	6 40	High
2)	6:58	low Test 2ND manifold.
	7:03	High
3)	7:20	low Test 3RD manifold
	7:25	High.
4)	7:48	low Test Swaco choke
	7:54	High Test
		Change out Truck while rig finishes TRIP - Then pull wear ring after pumping out cellar & set plug.
5)	9:30	low Blinds - 1ST kill valve - vertical valve
	9:35	High Test
6)	10:00	low Test HYDRILL - CHOK - HCR - TIW
	10:06	High Test.
	10:22	Attempt to Test DART - TIW leaks on open & closing seal. take it out
7)	10:45	Low Hydrill - DART valve. - 3" national next to HCR
	10:50	High Test
8)	10:16	low Test - Lower kelly - 5" Pipe Rams (5")
	10:22	High Test
9)	11:40	low Test Upper kelly 5" Pipe Rams
	11:45	High Test
	1200 to 3:00	worked 3½ Rams one side shut only worked several times - same thing took bypass apart in kommy house then worked several times. finally both sides shut one side goes in a little further than other
10)	300	low - 3½ Rams - 3½ 1ST TIW
	305	High Test
11)	3:21	low - 3½ Rams - 2ND TIW
	3:26	High Test
	3:45	- Pull Plug - Set wearing break subs - fill choke
	4:30	line with methanol - call Sup - make out ticket.
	5:00	then rig back up & Calibrated standpipe gauge
	6:00	Ran Komey check on 3½ Rams look at kommy panel on floor its not working now.



UNION PACIFIC R.R. B-1
EXXON
FORWEST #6


MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
19

MIDNIGHT
NOON
6 AM
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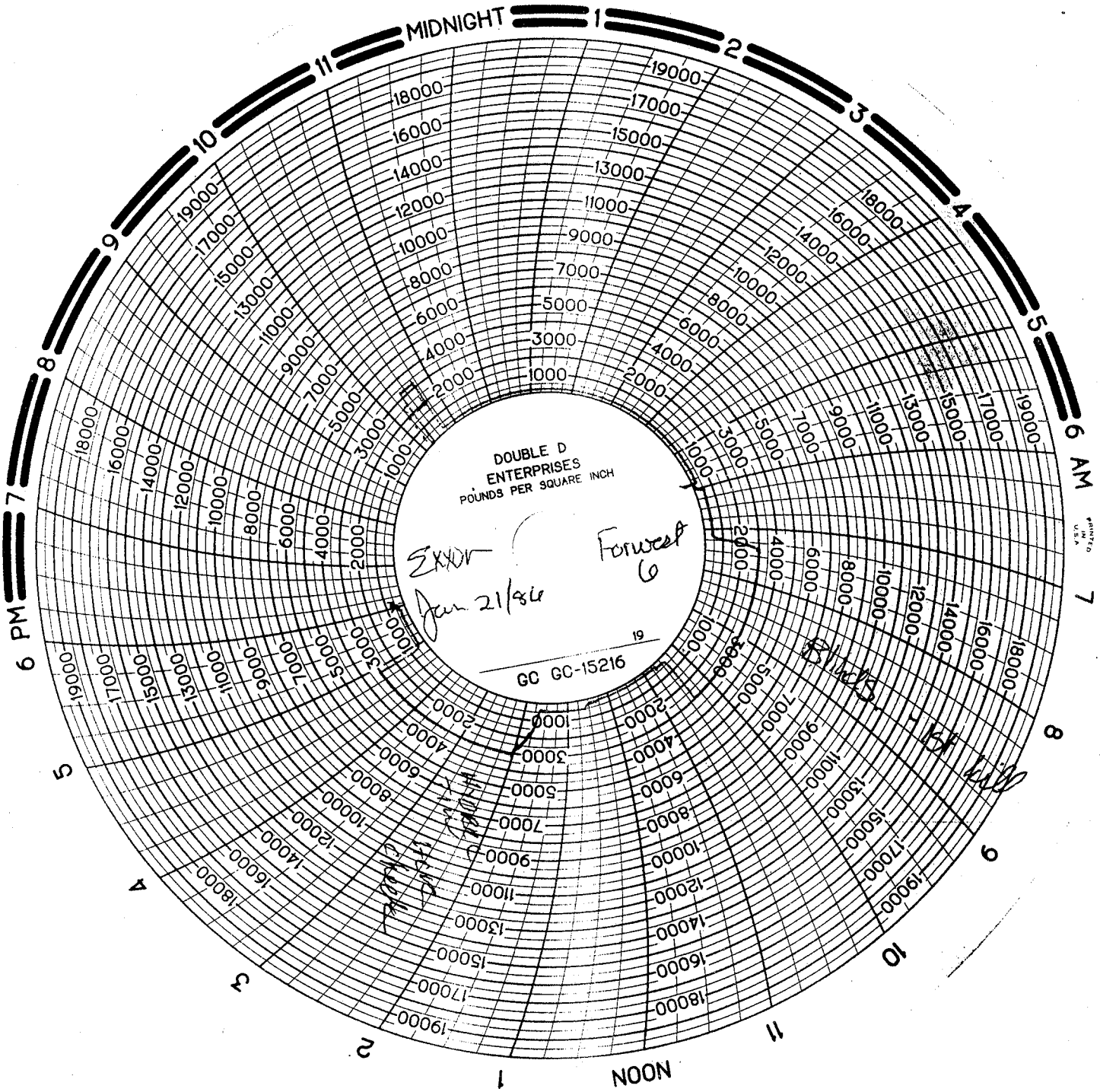
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216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GC GC-15216
PRINTED IN U.S.A.

MIDNIGHT
NOON
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ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
PRINTED IN U.S.A.

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
FEB 10 1986
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Exxon Corp.

8. FARM OR LEASE NAME: U.P. RR "B"

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1858' FSL & 1997' FEL of Sec.

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 - 1N - 4E

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798' GR

12. COUNTY OR PARISH: Summitt

13. STATE: UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Status			[X]
(Other)			[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

January Drilled to 14519' in limestone and shale. Ran dialog. Drilled to 16136' in shale, sandstone, limestone, sandstone and trace of calcite and anhydrite.

18. I hereby certify that the foregoing is true and correct

SIGNED Melva Kripling TITLE Section Head DATE 2-7-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

MIDLAND DRILLING ORGANIZATION
FRR WELL REPORT

CONFIDENTIAL

DATE 2-13-86

To: Jeff Bridgewater
From: Sam Harrell
Drlg. Engr.: Sam Harrell
Phone No.: 686-4334

Well Name: UPRR B-1
AFE No.: 01080
FRR Date: 2-8-86

(See attached wellbore sketch)

	Interval	Weight	Grade	Conn.	Material Code No.
13 3/8 @ 3506 Surface	0-3507	68.0	K55	STC	
TOC Surface. Circulated out.					

Cement: 2600 sks. Halliburton Light w/1% $CaCl_2$ & 1/4#/sk. Flocele mixed 12.1#/gal. and 400 sks. Class H w/1/4#/sk. Flocele mixed 16.4#/gal. Topped out w/60 sks. Class H w/3% $CaCl_2$.

9 5/8 @ 12,374 Intermediate	0-9419	47.0	C80	LTC	
TOC Surface	9419-11446	47.0	S00-95	LTC	
Circulated out 2nd stage.	11446-12374	53.5	S00-125	LTC	

Cement:

7 5/8 @ 14457 Liner	11654-14457	52.8	P110	HSFJ-P	
TOC Unknown. Do not circulate.					

Cement: 1200 sks. Class H w/0.5% Halad 322 and 0.3% HR-5 mixed 16.4#/gal.

(None) @ ____ Production
TOC

Plug No.	Depth	Sacks	Additives
1	13,935-14,470	75	35% silica, 0.6% HR5
2	11,511-11,762	75	0.4% HR5
3	9,122-9277	60	0.3% HR5
4	6730-6884	60	(None)
5	3396-3550	60	2% $Ca\ Cl_2$
6	0-129	50	2% $Ca\ Cl_2$

Note: All cement in plugs above is Class H mixed 16.4#/gal., except 35% silica mixed 15.9#/gal.

Hole TD: 16,259
DV Depth: —
FC Depth: —
Fluid Left in Hole: 9.4#/gal. mud

Tubing:
(____", ____$/Ft)
Tubing located @

(None) Retainer set @ 14,335'

Wellhead size and rating:

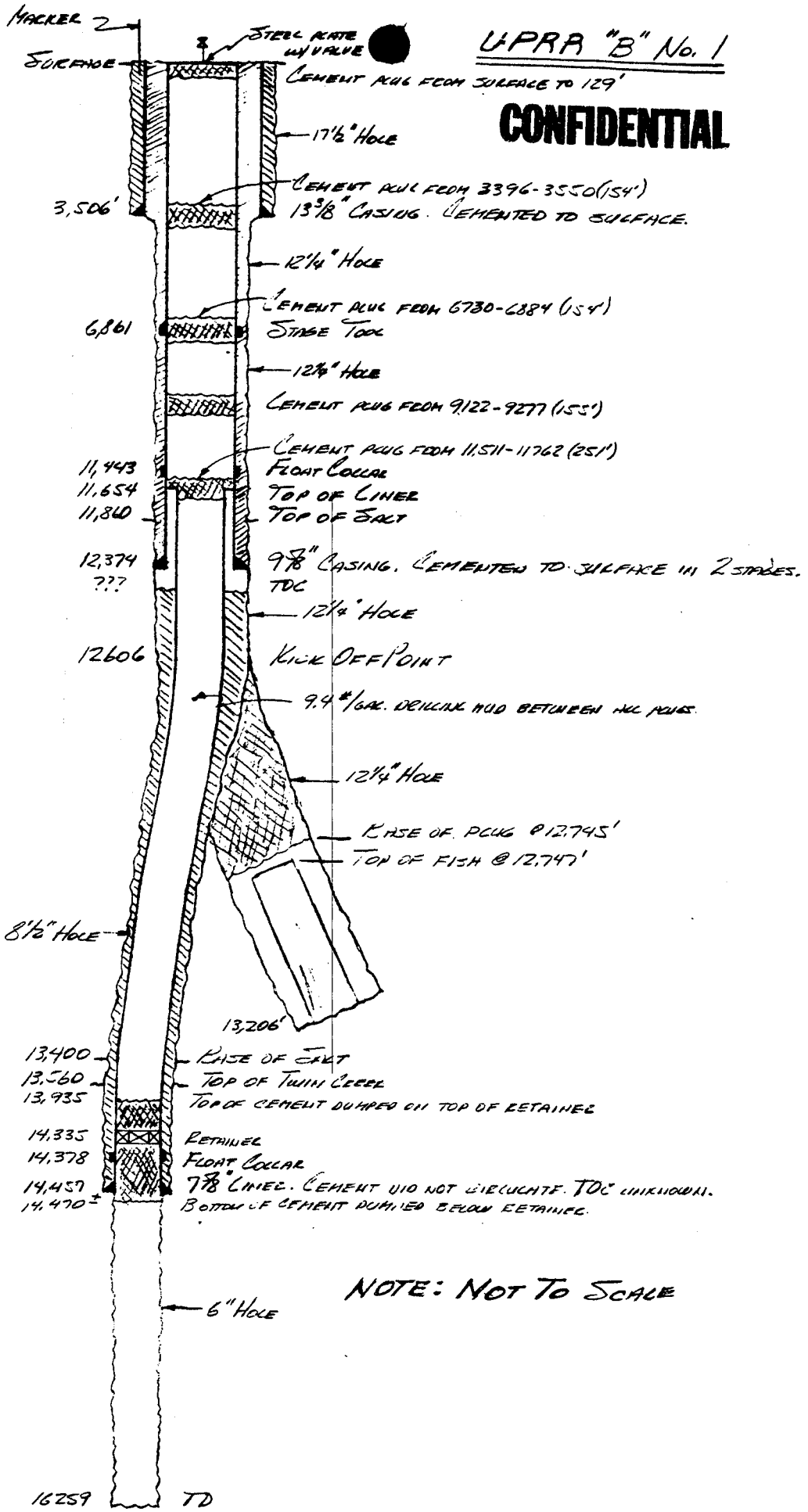
Lower Flange	Top Flange	Sweet/Sour
(None. Wellhead removed.)		

Comments: Well plugged and abandoned.

Show cement volume, type, and weight for all cement on every casing string.
TOC to include how determined.

UPRR "B" No. 1

CONFIDENTIAL



SFH
2-10-86
Revised

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 T1N-R4E

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1858' FSL and 1997' FEL of Sec. 25 (NW SE)

14. PERMIT NO.: 43-043-30274

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798 GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please approve the following procedure to plug and abandon subject well:

60' - surface - 50 sx CL "H"
3550' - 3396' - 60 sx CL "H" 2% $CaCl_2$
6884' - 6730' - 60 sx CL "H" 2% $CaCl_2$
9277' - 9122' - 60 sx CL "H" 3/10% HR-5
11762' - 11511' - 75 sx CL "H" 4/10% HR-5
14335' - 13933' - 75 sx CL "H" 35% Silica 6/10% HR-5

(a) Howco EZ drill retainer set @ 14,335'
(1) 56 sx cmt. above retainer-19 sx below.

CONFIDENTIAL

RECEIVED
APR 28 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Section Head DATE 4-23-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-6-86
BY: John R. Baza

*See Instructions on Reverse Side

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
SOUTHWEST/ROCKY MOUNTAIN DIVISION

May 2, 1986

U.P. RR B #1
Summit County, Utah

State of Utah Natural Resources
Oil and Gas Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Please hold the attached completion report and attachments confidential for the maximum period of time.

Sincerely,

Melba Knipling

Melba Knipling
Section Head
NGPA and Permits

MCK:cjf

Attachment

Form OGCC-3

CONFIDENTIAL 10

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1858' FSL and 1997' FEL of Sec. 25 (NW SE)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 25-T1N-R4E

14. PERMIT NO.: 43-043-30274 | DATE ISSUED: 7-15-85

12. COUNTY OR PARISH: Summit | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-6-85	2-2-86	2-8-86	GL-6798' KB-6816'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16,259'	P&A		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dry-P&A 5-2-86 PA'd

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHT, DWR
GR-Dipmeter-SHDT-Siesmic Velocity Survey-~~DIL~~ DIF-Caliper DIL BHC

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	68	3506	17 1/2	2600 sx ClH-Lite-400 sx ClH	0
9 5/8	47-53.5	12372	12 1/4	1750 sx Cl Lite-2700 sx ClH	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8	11654	14457	1200 sx ClH	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (*Interval, size and number*)
(See Attachments for Sidetracks and Plugs.)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

860519 cp

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Myeba Knipling TITLE Section Head DATE 5-2-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in 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) (if any) 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Keatley Volcanics	Surf.	
Jurassic Preuss	860	
Fault/Cretaceous Kelvin	2700	
Jurassic Stump/ Preuss	6550	
Preuss Salt	11860	
Jurassic Twin Creek	13400	

012

EXXON COMPANY, U.S.A.
POST OFFICE BOX 4358 • HOUSTON, TEXAS 77210-4358

HOUSTON PRODUCTION ORGANIZATION
PERMITTING

January 31, 2000
Operator Name Change
Bond Number SLR 510 1159

CERTIFIED MAIL

Ms. Kristen D. Risbeck
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED
FEB 08 2000
DIVISION OF
OIL, GAS AND MINING

Dear Ms. Risbeck:

As you may be aware, Exxon Corporation and Mobil Corporation recently finalized a merger and realigned its business. The media and other reports, however, often fail to provide details of the corporate structure that may be of interest to governmental agencies.

Exxon Corporation will undergo a name change to Exxon Mobil Corporation. Exxon Mobil Corporation will remain the owner and operator of its existing properties and facilities, as well as relevant permits. Mobil Corporation will merge with an existing Exxon subsidiary, after which Mobil Corporation will become a subsidiary of Exxon Mobil Corporation. Mobil Corporation's subsidiaries will continue to own their own assets and act as operator of its assets after the merger as it did prior to the merger. Neither Mobil Corporation nor its subsidiaries will undergo a name change.

Please note the name change to Exxon Mobil Corporation in your records pertaining to any Exxon permits. Attached is a rider to bond number SLR 510 1159 to formalize our name change.

If you have any questions, please contact Joe R. Glass at 713-431-1010.

Yours truly,

Mark D. Pratt
Safety/Regulatory/OIMS Manager

MDP/JRG:pm
Attachment

004

Fireman's Fund
Insurance Company

Fireman's Fund®

WHEREAS, on or about May 2, 1967, We, The American Insurance Company, as Surety, executed Bond #SLR 510 1159 on behalf of Exxon Corporation, as Principal, in favor of State of Utah, Oil & Gas Conservation Commission, in the amount of -----Eighty Thousand Dollars and no/100----- ($80,000.00-----).

It is hereby agreed and understood that effective December 8, 1999 the bond is amended to read as follows:

The name of the Principal is hereby amended to read: Exxon Mobil Corporation

All other terms and conditions remain the same.

SIGNED, sealed and dated this 13th day of December 19 99.

Exxon Mobil Corporation
(Principal)

By Hugh H. Fuller
Hugh H. Fuller, Production Manager

The American Insurance Company
(Surety)

By Cindy Ash
Cindy Ash, Attorney-in-Fact

ACCEPTED:

State of Utah, Oil & Gas Conservation Commission
(Obligee)

By_____

P.O. Box 2519
Dallas, TX 75221
Phone 214.220.4000

Allianz Group

COPY

1267

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **12/8/1999**

FROM: (Old Operator):	**TO:** (New Operator):
N0420-Exxon Corporation PO Box 4358 Houston, TX 77210-358 Phone: 1-(713) 680-6187	N1400-Exxon Mobil Corporation PO Box 4358 Houston, TX 77210-358 Phone: 1-(713) 680-6187

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
UPRR B-1	25	010N	040E	4304330274	99998	Fee	NA	PA
UPRC C-2	35	020N	060E	4304330014	11064	Fee	OW	PA
UPRC C-1	35	020N	060E	4304330294	11005	Fee	GW	PA
UPRC 3	17	020N	070E	4304330287		Fee	OW	LA
UPRC D 1	17	030N	080E	4304330299	11385	Fee	D	PA
EPR SEGO CANYON 1	27	200S	200E	4301931227	99998	Fee	TW	I
EPR SEGO CANYON 2	27	200S	200E	4301931232		Fee	TW	I

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/8/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/8/2000
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** _____
4. Is the new operator registered in the State of Utah: YES Business Number: _____
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: n/a

6b. Inspections of LA PA state/fee well sites complete on: In Process

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 5/25/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** housekeeping only
3. Bond information entered in RBDMS on: 5/25/2005
4. Fee/State wells attached to bond in RBDMS on: 5/25/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 83028025*
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*This change is for housekeeping purposes to match Surety Rider on bond #SLR5101159 transferring from Exxon Corp to Exxon Mobil Corp and letter dated 1/31/2000 stating "Exxon Mobil Corp will remain the owner and operator of its existing properites and facilities, as well as relevant permits." (See Attached Surety Rider of 9/18/99, Exxon letter of 1/31/00 and Release of Bond 5101159 on 9/18/2000.) Bond SLR5101159 was replaced by Bond 83028025 on July 28, 2000

015

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

Michael O. Leavitt
Governor

Kathleen Clarke
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)

September 18, 2000

Mark D. Pratt
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Re: Surety Bond No. 8302-80-25 ($80,000) Issued by Federal Insurance Company, as Bond Agent in behalf of Exxon Mobil Corporation, as Principal.

Dear Mr. Pratt:

In response to the Oil, Gas and Mining Division's request (June 20, 2000) for a replacement of Surety Bond # 5101159 issued by American Insurance Company (Bond Agent) in behalf of Exxon Mobil Corporation, please be advised that the Division does hereby accept the above referenced Surety Bond 8302-80-25 from Federal Insurance Company (Bond Agent).

Surety Bond No. 5101159 (amended to $80,000) issued, by American Insurance Company (Bond Agent) for Exxon Mobil Corporation, [successor by merger with Exxon Corporation, as successor to Humble Oil and Refining Company], as principal, and is being returned to American Insurance Company at this time.

Should you have any questions regarding this matter, please contact Jimmie Thompson at (801) 538-5340.

Sincerely,

John R. Baza
Associate Director

er
Enclosure
cc: American Insurance Company (Certified Mail #Z 230 747 392)
Federal Insurance Company
Lowell P. Braxton, Director
Bond File

4304530274
IN 4E Sec. 25

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

August 4, 2005

Mr. Mark Bolten, Regulatory Specialist
Exxon Mobil Corporation
Mail Code: CORP-MI-PO64
P. O. Box 4358
Houston, Texas 77210-4358

Re: Plugging and Abandonment of Wells & Well Site Restoration – Grand & Summit County, Utah

Dear Mr. Bolten:

In May 2004, the Division of Oil, Gas, and Mining (the "Division") conducted a bonding review for Exxon Mobil Corporation ("Exxon"). The Division's records reveal that Surety Bond No. 83028025 ($80,000) issued by Federal Insurance Company, on behalf of Exxon was filed with the Division effective July 28, 2000. Wells/sites associated with the above referenced bond include; (2) wells ("strat tests") located in Grand County that require plugging in accordance with R649-3-24. "Plugging and Abandonment of Wells", and well site restoration in accordance with R649-3-34. "Well Site Restoration" and/or landowner release; and (5) wells/sites in Summit County that require well site restoration and/or landowner release (see attached list).

Division staff members met with Exxon representative Joel Talavera at the well site(s) in Grand County on July 12, 2004, and with landowners at the Summit County well sites on July 19-20, 2004, to determine further required action. Copies of the Division's onsite inspections, landowner information, and site photos were submitted to Exxon shortly thereafter. Since then, Division staff have been working with Exxon representatives to get the wells plugged and/or reclaimed.

On July 22, 2005, Exxon expressed difficulty in obtaining internal records for the wells/sites, and requested copies of the Division's (7) well files. The Division submitted copies to Exxon on August 2, 2005. Please be advised that Exxon has until November 1, 2005, to comply with R649-3-24, and R649-3-34 of The Oil and Gas Conservation General Rules, for the (7) wells/sites. Failure to comply by the desired date could result in further action by the Division.

Should you have any questions regarding this matter, please contact me at (801) 538-5296.

Sincerely,

Lisha Cordova

Lisha Cordova
Petroleum Specialist

LC:jc
enclosure(s)
cc: Dan Jarvis, Acting Technical Services Manager
Bart Kettle, Price Field Office
Bond File
Well File(s)

Exxon Mobil Corporation
August 4, 2005

API No.	Operator	Well Name	Well Type	Status	Bond No.	Qtr/Qtr	Sec.	Twn.		Rng.		County
43-019-31227	Exxon Mobil Corporation	EPR Sego Canyon 1	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	*Private Landowner - Needs to be determined.	*Needs to be plugged (18" casing - 120' deep?). And need to reclaim disturbed area and/or obtain l/o release.	*Strat Test									
43-019-31232	Exxon Mobil Corporation	EPR Sego Canyon 2	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	*Private Landowner - Needs to be determined.	*Needs to be plugged (18" casing - 1680-2236' deep?). And need to reclaim disturbed area and/or obtain l/o release.	*Strat Test									
43-043-30014	Exxon Mobil Corporation	UPRC C-2	OW	PA	83028025	SENW	35	2	N	6	E	Summit
	*Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686	*Well plugged, site not reclaimed, and located at Citations' central tank battery facility in the Lodgepole Field. Was reclamation liability transferred to Citation or is Exxon the responsible party? L/O unable to confirm 7/2004 & wants the site reclaimed when operations cease at the site.										

Exxon Mobil Corporation
August 4, 2005

43-043-30274	Exxon Mobil Corporation	UPRR B-1	NA	PA	83028025	NWSE	25	1	N	4	E	Summit
	*Landowner - The Bact Limited Partnership/John Tebbs Contact / John Fleming (801) 259-3161	*Well plugged; reserve pit reclaimed; well pad & access road not reclaimed. L/O expressed willingness to sign a release of liability for access road but would like pad reclaimed 7/2004.										
43-043-30287	Exxon Mobil Corporation	UPRC 3	OW	LA	83028025	NWSE	17	2	N	7	E	Summit
	*Landowner(s) - Charles Gillmor (801) 971-4171 / Atty Richard Hall (801) 578-6960 and Ed Gillmor Jr. (801) 364-3976 / Probate Atty Richard Skeen (801) 578-6928	*Well not drilled;pad and reserve pit constructed & needs to be reclaimed; water well drilled and capped & needs further review, and/or landowner release. L/O expressed desire for reclaim 7/2004.										
43-043-30294	Exxon Mobil Corporation	UPRC C-1	GW	PA	83028025	NESW	35	2	N	6	E	Summit
	*Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686	*3 joints of casing on location (18" X 36'); water well with removable cap - needs further review;septic tank installed & not removed;access road not reclaimed. L/O expressed willingness to sign a release of liability 7/2004.										

Exxon Mobil Corporation
August 4, 2005

43-043-30299	Exxon Mobil Corporation	UPRC D 1	D	PA	83028025	NWNW	17	3	N	8	E	Summit
	*Landowner Lorin Moench (801) 364-0099	*Well plugged with buried marker; reclaimed/reseeded. L/O expressed desire for additional seed - currently E/W running rows & not willing to sign release of liability 7/2004.										

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

43-043-30274

1N 4E 25

January 10, 2007

Leslie Brandt, Regulatory Support Staff
Exxon Mobil Corporation
14950 Heathrow Forest Parkway – CORP-MI-3012A
Houston, Texas 77032

Re: Bond Release for Federal Insurance Company Bonds #83029979 and #83028025

Dear Ms. Brandt:

Please be advised that the State of Utah investigation into the verbal request made by Exxon Mobil Corporation (Exxon) for Bond release is as follows:

The two wells in Sego Canyon Grand County Utah have been plugged and abandoned as per R649-3-24:

1. EPR Sego Canyon 1, API 43-019-31227, Sec. 27, T20S, R20E, Grand County, Utah, Plugged 8/29/06.
2. EPR Sego Canyon 2, API 43-019-31232, Sec. 27, T20S, R20E, Grand County, Utah, Plugged 9/1/06.
3. The landowner is Tommy Ryan 714-743-4535 (Cell) or 801-818-1584, (Home).
4. Sundry Notice Form 9 must be filed with the State of Utah to close out these two wells. The notices should contain an account of the operations conducted at the time the wells were plugged

UPRC C-1, API 43-043-30294, Sec. 35, T2N, R6E, Summit County, Utah:

1. Assets remaining at this location are as follows:
   a. 3 joints casing 18" diameter X 36' length.
   b. Buried septic tank.
   c. Water supply well with removable cap.
2. It is possible that the items listed are abandoned assets and could be claimed by the Surface Owner. Exxon may want to relinquish any claim to these items and transfer them to the Surface Owner.
3. The Landowner is Helen Judd. The contact person is Earl Blonquist at (435-336-2686).

UPRC C-2, API 43-043-30014, Sec. 35, T2N, R6E, Summit County, Utah:

1. This well pad is being used as a central tank battery facility for the Lodgepole Field. The battery was built after the well Plugged and Abandoned. Therefore:
2. The Division will hold Citation (the current operator) responsible for reclamation of this wellsite.
3. The Landowner is Helen Judd. The contact person is Earl Blonquist at (435-336-2686).

UPRR B-1, API43-043-30274, Sec. 25, T1N, R4E, Summit County, Utah:

1. The Division is aware that the Landowner drilled a water supply well adjacent to the P&A well bore. The well was drilled on August 9-13, 2004, under Permit No. 0435011M00.
2. The Division concludes that the minimum site restoration requirements have been met for this location.
3. The Landowner is The Bact Limited Partnership, Mr. Clement Tebbs Agent. 4885 South 900 East Suite 208, Salt Lake City Utah 84117.

UPRC 3, API 43-043-30287, Sec. 17, T2N, R7E, Summit County, Utah:

1. The Well pad was constructed, however the well was not drilled.
2. This location is being beneficially used by the surface owner for ranching operations.
3. An abandoned water supply well drilled by Exxon has been left at this site. It is possible that the well is an abandoned asset and could be claimed by the Surface Owner. Exxon may want to relinquish any claim to this well and transfer the Water Right to the Surface Owner(s).
4. The landowner contacts are Charles Gillmor (801) 971-4171, and Ed Gillmor Jr. (801) 364-3976.

UPRC D1, API 43-043-30299, Sec. 17, T3N, R8E, Summit County, Utah:

1. After the onsite inspection and review the Division concludes that the minimum site restoration requirements have been met for this location.
2. The Landowner is Lorin Moench (801) 364-0099.

The Division recommends that Exxon attempt to get signed affidavits from the surface landowners certifying that restoration has been performed as required by mineral lease and surface agreements. However, failure to submit these affidavits will not prevent the Division from proceeding toward final bond release.

Exxon management may decide to finalize the release of these Bonds. Should that be the decision, the Division respectfully requests that Exxon file a formal Bond Release Request. This will facilitate the publishing of a Public Notice in the local newspapers.

Questions regarding this matter should be directed to Mike Hebertson at (801) 538-5333.

Sincerely,

K. Michael Hebertson

K. Michael Hebertson
Compliance Manager

KMH/mf
cc: Dan Jarvis, Operations Manager
Gil Hunt, Associate Director
Earlene Russell Bond File
Compliance File
Well Files

From: Ted Smith
To: dkpallas@allwest.net
Date: 10/16/2006 10:01:28 AM
Subject: UPRR B-1

Dan,

I have presented you questions about the UPRR B-1 well located in Sec 25 T1N,R4E to our management. As we discussed this weekend our division would like this well to be dropped form our list of wells needing to be reclaimed. For this to take place a letter to the Division of Oil, Gas and Mining referencing the well name UPRR B-1 along with the API # 4304330270000 stating that you are the surface owner and that you do not hold the State of Utah Division of Oil,Gas and Mining liable for reclamation of the access road and well location and also consider this matter closed would be sufficient enough for us to remove the well from our records as mentioned above. Please send the letter to the address listed below attention Lisha Cordova.

Any questions feel free to contact me.

Ted K. Smith
Department of Natural Resources- Oil, Gas & Mining
1594 W North Temple
PO BOX 145801
Salt Lake City, UT 84114-5801
Phone 801-538-5303
Fax 801-539-3940

CC: Cordova, Lisha; Dan Jarvis

From: <bob.mathew@exxonmobil.com>
To: "Lisha Cordova" <lishacordova@utah.gov>
Date: 6/8/2006 2:12:20 PM
Subject: Re: UPRR B-1

Thanks Lisha. I'll keep you posted on our progress with respect to securing a Release from the Landowner for this well.

M. P. "Bob" Mathew
ExxonMobil Production Company
USP Western Land
CORP-WGR-768
Phone (713) 431-1026
Fax (713) 431-1467
Email: bob.mathew@exxonmobil.com

"Lisha Cordova" <lishacordova@utah.gov>
06/08/2006 02:37 PM

To <bob.mathew@exxonmobil.com>
cc
Subject UPRR B-1

Mr. Mathew,

Attached are well site photos taken in July 2004 (UPRR B1 002 & 006), and photos taken November 19, 2005 (001, 003, 004, & 006) after the water well was drilled at the site.

If you have any questions, please give me a call.

Thanks for your help!

Lisha Cordova, Petroleum Specialist
Division of Oil, Gas, and Mining
(801) 538-5296

[attachment "UPRR B1 002.jpg" deleted by Bob Mathew/U-Houston/ExxonMobil]
[attachment "UPRR B1 006.jpg" deleted by Bob Mathew/U-Houston/ExxonMobil]
[attachment "001.JPG" deleted by Bob Mathew/U-Houston/ExxonMobil]
[attachment "003 NE.JPG" deleted by Bob Mathew/U-Houston/ExxonMobil]
[attachment "004 SW.JPG" deleted by Bob Mathew/U-Houston/ExxonMobil]
[attachment "006.JPG" deleted by Bob Mathew/U-Houston/ExxonMobil]

CC: <tiffany.a.stebbins@exxonmobil.com>

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File UPRB-1 ☐ Suspense ☐ Other

(Return Date) _____

(Loc.) Sec 25 Twp 1N Rng. 4E (To-Initials) _____

(API No.) 43-043-30274

1. Date of Phone Call: 6-2-06 Time: 3:00

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Tiffany Stebbins (☐ Initiated Call) - Phone No. (281) 654-1936

of (Company/Organization) Exxon tiffany.a.stebbins@Exxonmobil.com

3. Topic of Conversation: Copy of surface agreement between The Bact Limited Partnership & Exxon? 4/0 Release of Liability or other?

4. Highlights of Conversation:

She will follow-up with their land department & call me back.

* 6/8/06 Bob Mathew - Land will try to secure a "Landowners Release of Liability".

Exxon Mobil Corporation
(8/4/05, amended 5/31/06)

Bob Mathew - Land Dept. 713-431-1026
Tiffany - Permitting 281-654-1936 (Sego Cyn 1 & 2)

API No.	Operator	Well Name	Well Type	Status	Bond No.	Qtr/Qtr	Sec.	Twn.		Rng.		County
43-019-31227	Exxon Mobil Corporation	EPR Sego Canyon 1	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	Landowner - Tommy Ryan (714) 743-4535 Cell (801) 818-1584 Hm		Strat Test									
5/24/2005	Onsite review; in attendance Bart Kettle, & Joel Talavera (Exxon)?	Capped csg 18" above ground, site revegetated. Well needs to be plugged (TD 120'), & disturbed area needs to be reclaimed or L/O release. L/O may want to convert to WSW.										
8/26/2005	PA procedure approved.											
3/2/2006	Same PA procedure approved.											
3/29/2006	Exxon onsite accessment.	St. Recommended PA Contractor, Bart Kettle										
43-019-31232	Exxon Mobil Corporation	EPR Sego Canyon 2	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	Landowner - Tommy Ryan (714) 743-4535 Cell (801) 818-1584 Hm		Strat Test									
5/24/2005	Onsite review; in attendance Bart Kettle, & Joel Talavera (Exxon)?	Open csg & conductor, site revegetated. Well needs to be plugged (TD 1680-2236'), & disturbed area needs to be reclaimed or L/O release. L/O may want to convert to WSW.										
8/26/2005	PA procedure approved.											
3/2/2006	Same PA procedure approved.											
3/29/2006	Exxon onsite accessment. & Bart Kettle											

Exxon Mobil Corporation
(8/4/05, amended 5/31/06)

43-043-30294	Exxon Mobil Corporation	UPRC C-1	GW	PA	83028025	NESW	35	2	N	6	E	Summit
	Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686											
7/19/2004	Onsite review; in attendance Lisha Cordova, Joel Talavera (Exxon), Earl Blonquist (L/O representative).	3 joints csg (18" X 36"), water well with removable cap, & septic tank on location. Access road not reclaimed. L/O expressed willingness to sign a release of liability 7/2004.										
1/18/2006	Exxon rec'd an executed access agreement letter from Earl Blonquist dated 10/9/05.	Will begin work as construction schedule, site meeting & weather allows.										
43-043-30014	Exxon Mobil Corporation	UPRC C-2	OW	PA	83028025	SENW	35	2	N	6	E	Summit
	Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686											
7/19/2004	Onsite review; in attendance Lisha Cordova, Joel Talavera (Exxon), Earl Blonquist (L/O representative).	Well plugged, site not reclaimed. Located at Citations' central tank battery facility in the Lodgepole Field. Was reclamation liability transferred to Citation or is Exxon the responsible party? L/O unable to confirm 7/2004 & wants the site reclaimed when operations cease at site.										
1/18/2006	Exxon rec'd an executed access agreement letter from Earl Blonquist dated 10/9/05. Still need to determine mineral ownership & L/O concerns for this site currently in use by Citation.	Will begin work as construction schedule, site meetings & weather allows.										

Exxon Mobil Corporation
(8/4/05, amended 5/31/06)

43-043-30274	Exxon Mobil Corporation	UPRR B-1	NA	PA	83028025	NWSE	25	1	N	4	E	Summit
	Landowner - The Bact Limited Partnership/John Tebbs Contact-John Fleming (801) 259-3161											
7/19/2004	Onsite review; in attendance Lisha Cordova, Joel Talavera (Exxon), & John Fleming (L/O representative).	Well plugged, reserve pit reclaimed, pad mostly revegetated, access roads not reclaimed. L/O rep. expressed willingness to sign a release of liability for access roads but would like add'l reclaim to pad.										
11/1/2005	Exxon deadline to comply with R649-3-34 "Well Site Restoration".	Exxons' attempt to comply being delayed by L/O zoning issues with Summit County.										
12/13/2005	DOGM letter 12/13/05, requested a response by 12/20/05.	August 9-13, 2004, L/O drilled a WSW Permit No. 0435011M00 adjacent to plugged well-same pad.										
1/18/2006	Exxon has not rec'd anything from L/O since DOGM letter dated 12/13/05. Exxons' land department will follow-up.											
43-043-30287	Exxon Mobil Corporation	UPRC 3	OW	LA	83028025	NWSE	17	2	N	7	E	Summit
	Landowner(s) - (2 Families) Charles Gillmor (801) 971-4171 Atty Richard Hall (801) 578-6960 & Ed Gillmor Jr. (801) 364-3976 Probate Atty Richard Skeen (801) 578-6928											
7/19/2004	Onsite review; in attendance Lisha Cordova, Joel Talavera (Exxon), and Siv Gillmor & Jennifer Gillmor Larsen (Charles Gillmore Family).	Well not drilled, pad and reserve pit constructed & not reclaimed. Capped WSW onsite needs further review. L/O expressed desire for reclaim 7/2004.										

Exxon Mobil Corporation
(8/4/05, amended 5/31/06)

1/18/2006	Exxon rec'd an executed access agreement letter from Charles Gillmor dated 9/30/05. L/O wasn't aware of any water well drilled on location. The issue to plug it or assign it over to L/O will be resolved when surface work begins.	Will begin work as construction schedule, site meetings & weather allows.										
43-043-30299	Exxon Mobil Corporation	UPRC D 1	D	PA	83028025	NWNW	17	3	N	8	E	Summit
	Landowner - Lorin Moench (801) 364-0099											
7/20/2004	Onsite review; in attendance Lisha Cordova, Joel Talavera (Exxon), & Lorin Moench (L/O).	Well plugged, buried marker, reclaimed & reseeded. L/O expressed desire for additional seed, currently E/W running rows, not willing to sign release of liability 7/2004.										
1/18/2006	Exxon rec'd an executed access agreement letter from Lorin Moench dated 10/3/05.	Will begin work as construction schedule, site meetings & weather allows.										

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File UPRR B-1

(Loc.) Sec 25 Twp 1N Rng 4E
(API No.) 43-043-30274

☐ Suspense
(Return Date) _____
(To-Initials) _____

☐ Other

1. Date of Phone Call: 6-2-06 Time: 3:00

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)
Talked to:
Name Darlene (☐ Initiated Call) - Phone No. (435) 336-3238
of (Company/Organization) Summit County Recorders Office

3. Topic of Conversation: Surface owner of the above well still "The Bart Limited Partnership"?

4. Highlights of Conversation:

Confirmed that the surface owner is still the same.

Utah Department of Commerce Business Entity Search

?Help

Name	Type	City	Status
BACT LIMITED PARTNERSHIP, THE	Limited Partnership	Salt Lake City	Active

Business Name:	BACT LIMITED PARTNERSHIP, THE
Entity Number:	5115364-0180
Registration Date:	04/30/2002
State of Origin:	

Address

4885 S 900 E STE 208
Salt Lake City, UT 84117

Status

Status:	Active
Status Description:	Good Standing
This Status Date:	04/30/2002
Last Renewed:	03/09/2006
License Type:	Limited Partnership - Domestic
Delinquent Date:	04/30/2007

Registered Agent

Registered Agent:	CLEMENT F TEBBS [Search BES] [Search RPS]
Address Line 1:	4885 S 900 E STE 208
Address Line 2:	
City:	Salt Lake City
State:	UT
Zip:	84117

Additional Information

NAICS Code:	9999
NAICS Title:	9999-Nonclassifiable Establishment

With this information, you can...

Purchase Certificate of Existence

If you would like to purchase a Certificate of Existence for this business entity, select the button to the left. You will be assessed a **$ 12.00 fee** for this service. You will need Adobe Reader to view this certificate. If you do not have Adobe Reader, click on the button below and download it.

Get Adobe Reader

Access Principal Information

If you would like to receive information on the principal individuals associated with this entity, click the button on the left. You will be assessed a **$ 1.00 fee** for this information.

Back to search results | Do Another Search

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Utah Department of Commerce Business Entity Search

?Help

Name	Type	City	Status
BONNEVILLE DEVELOPMENT GROUP, LLC	Limited Liability Company	Salt Lake City	Active

Business Name: BONNEVILLE DEVELOPMENT GROUP, LLC
Entity Number: 5624451-0160
Registration Date: 04/16/2004
State of Origin:

Address

4885 S 900 E, STE 208
Salt Lake City, UT 84117

Status

Status: Active
Status Description: Good Standing
This Status Date: 04/16/2004
Last Renewed: 03/09/2006
License Type: LLC - Domestic
Delinquent Date: 04/16/2007

Registered Agent

Registered Agent: JOHN B TEBBS
[Search BES] [Search RPS]
Address Line 1: 4885 S 900 E, STE 208
Address Line 2:
City: Salt Lake City
State: UT
Zip: 84117

Additional Information

NAICS Code: 5313
NAICS Title: 5313-Activities Related to Real Estate

With this information, you can...

Purchase Certificate of Existence

If you would like to purchase a Certificate of Existence for this business entity, select the button to the left. You will be assessed a **$ 12.00 fee** for this service. You will need Adobe Reader to view this certificate. If you do not have Adobe Reader, click on the button below and download it.

Get Adobe Reader

Access Principal Information

If you would like to receive information on the principal individuals associated with this entity, click the button on the left. You will be assessed a **$ 1.00 fee** for this information.

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JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

December 13, 2005

The Bact Limited Partnership, Clement Tebbs
c/o John Fleming, Project Manager
Bonneville Development Group L.L.C.
4885 South 900 East, Suite 208
Salt Lake City, Utah 84117

Re: Exxon Mobil Corporation ("Exxon") – UPRR B-1, NWSE Sec. 25, T. 1N, R4E, Summit County, Utah, API No. 43-043-30274 (Plugged 5/2/86).

Dear Mr. Fleming:

Following Exxons' request for a bond release, an onsite inspection of the above referenced well site was conducted on July 19, 2004 to determine if the well site was restored in accordance with R649-3-34 "Well Site Restoration" of The Oil and Gas Conservation General Rules. Representative's from the Division of Oil, Gas, and Mining ("the Division"), Exxon, and landowner "The Bact Limited Partnership" were present at the onsite. The inspection revealed that the access roads(s) were not reclaimed, and further reclaim to the well pad was discussed.

Since then, the Division has been awaiting restoration of the access road(s) and/or well pad, or a release of liability from the landowner. Exxon was given a deadline of November 1, 2005, to comply with R649-3-34 "Well Site Restoration".

On November 21, 2005, the Division conducted a search of the Division of Water Rights database. It was discovered that a Non-Production Well, Application No. 0435011M00, was drilled at the well site on August 9-13, 2004, and is located on the same pad approx. 78' SW of the plugged well (see attached Well Drillers Report). The landowner did not notify the Division prior to, or following, the drilling of the well. Additional disturbance to the access road(s) and/or well pad has occurred.

Exxons' attempt to comply with the Divisions' request is being delayed pending the outcome of the landowners zoning issues with Summit County (see attached letter).

In an effort to resolve this matter in a cooperative manner, please submit an outline of what the landowner desires in regard to restoration of the access road(s) and/or well pad by December 20, 2005. You may include a seed mix that should consist of native plants located at the site and/or adjacent area, or you may request that the Division determine an appropriate seed mix.

Please be advised that in accordance with R649-3-34.9. "if no surface use agreement can be established, the division shall establish minimum well site restoration requirements for any well located on fee or private surface for the purposes of final bond release".

If the landowner is currently using the access road(s) for development purposes, or plans to use the access road(s) for development purposes in the near future, and/or is using the access road(s) to access the Non-Production Well drilled at the well site; it may be in the landowners best interest to release Exxon from any further well site restoration by submitting a "Landowners Release of Liability" to Exxon or the Division by December 20, 2005.

Should you have any questions regarding this matter please contact Lisha Cordova at (801) 538-5296 or Dan Jarvis at (801) 538-5338.

Sincerely,

Gil Hunt
Associate Director, Oil & Gas

lc:mf
Enclosures: 2
cc: Dan Jarvis, Field Operations Manager
Exxon Mobil Corporation, Mark Bolton
Compliance File
Bond File
Well File

Bonneville
DEVELOPMENT GROUP

November 15, 2005

NOV 22

UPRR B-1 well location
NW/4SE/4 of Section 25, T1N-R4E
Summit County, Utah

Paul Keffer
ExxonMobile Production Co.
P.O. Box 4610
Houston, Texas 77210-4610

Dear Sir:

Please accept my apology for our delayed response to your letter of September 30. We had anticipated a possible resolution to our zoning issues with respect to the subject property that as of yet has not been forthcoming. Consequently, we respectfully request your forbearance in conducting any reclamation of the site until such time as our zoning and site plan has been approved by Summit County. The very nature of the reclamation could be greatly impacted by this decision. Unfortunately, I am unable to be certain of any dependable time frame with which to advise you. I will simply keep you informed when the zoning process has been finalized. Until that time, I hope you will notify the appropriate parties within the Utah Department of Natural Resources of this continued delay. Thank you for your patience in this regard.

Cordially,

John Fleming
Project Manager

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DIV. OF OIL, GAS & MINING

DEVELOPERS . MANAGERS . BROKERS

BONNEVILLE DEVELOPMENT GROUP L.L.C.
4885 South 900 East, Suite 208, Salt Lake City, Utah 84117
(801) 263-1406, Fax (801) 261-8380, www.BonnevilleCompanies.com

WELL DRILLER'S REPORT
State of Utah
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

Non-Production Well: 0435011M00 WIN: 30009

Owner *Note any changes*

BONNEVILLE BUILDERS
4885 SOUTH 900 EAST STE 208
SALT LAKE CITY, UT 84117

Contact Person/Engineer: CLEMENT TEBBS

Well Location *Note any changes*

N 1796 W 1922 from the SE corner of section 25, Township 1N, Range 4E, SL B&M

Location Description: (address, proximity to buildings, landmarks, ground elevation,local well #)

Drillers Activity Start Date: AUG 9, 2004 Completion Date: AUG 13, 2004

Check all that apply: [X] New [ ] Repair [ ] Deepen [ ] Clean [ ] Replace [ ] Public Nature of Use: TEST WELL

If a replacement well, provide location of new well. N/A feet north/south and N/A feet east/west of the existing well.

DEPTH (feet) FROM	TO	BOREHOLE DIAMETER (in)	DRILLING METHOD	DRILLING FLUID
0	62	12 1/4	ROTERY	WATER & BENTONITE
62	980	6 1/8	ROTERY-REVERSE CIRCULATION	WATER & BENTONITE

Well Log

DEPTH (feet) FROM	TO	WATER	PERMEABLE High	PERMEABLE Low	UNCONSOLIDATED CLAY	SILT	SAND	GRAVEL	COBBLES	BOULDER	OTHER	CONSOLIDATED ROCK TYPE	COLOR	DESCRIPTION AND REMARKS (e.g., relative %, grain size, sorting, angularity, bedding, grain composition density, plasticity, shape, cementation, consistancy, water bearing, ordor, fracturing, minerology, texture,degree of weathering, hardness, water quality, etc.)
														*SEE ATTACHMENT

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SEP 27 2004
WATER RIGHTS
SALT LAKE

Static Water Level

Date 8-10-04 Water Level 328 feet Flowing? [ ] Yes [X] No

Method of Water Level Measurement WATER SOUNDER If Flowing, Capped Pressure N/A PSI

Point to Which Water Level Measurement was Referenced GROUND LEVEL Elevation

Height of Water Level reference point above ground surface N/A feet Temperature COOL degrees [ ] C [ ] F

Well Log

Surrey Ridge Project, Summit County, UT

Surrey Ridge Exploratory Boehole

Aug. 9 to Aug. 12, 2004

Depth (feet)	Lithologic Description in Decreasing Order of Abundance*	Airlift Production
0 to 60	Very light gray, weathered, hornblende-bearing, andesitic agglomerate	
60 to 70	Medium gray and moderate red, hornblende-plagioclase, andesitic agglomerate	
70 to 110	Medium gray and moderate red, hornblende-plagioclase, andesitic agglomerate, light gray clay increases downward	
110 to 120	Gray to brown andesitic agglomerate, very coarse sand clast size	
120 to 140	Gray to brown andesitic agglomerate, pebble clast size, rust stained fracture surfaces	
140 to 180	Light gray, clay-rich, hornblende-bearing, andesitic agglomerate, very coarse sand	
180 to 200	Gray and moderate red, hornblende-bearing agglomerate, pebbles	
200 to 270	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate	
270 to 290	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate, yellow-brown clay	
290 to 300	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate	
300 to 320	Pale yellow-brown, clay-rich, hornblende agglomerate, light yellow quartzite gravel	
320 to 400	Gray to brown-gray, hornblende agglomerate, minor moderate red agglomerate, minor yellow quartzite pebbles	
400 to 410	Very light gray, hornblende-bearing, andesitic agglomerate	
410 to 420	White quartzite pebble gravel, brown andesitic gravel	
420 to 430	Very light gray, hornblende-bearing, andesitic agglomerate	
430 to 440	Gray andesitic agglomerate, red-brown clay	
440 to 470	Light gray, hornblende-plagioclase, andesitic agglomerate with minor moderate red agglomerate	5 gallons/minute
470 to 500	Brown-gray to medium gray and minor moderate red andesitic agglomerate	
500 to 530	Light gray, hornblende-plagioclase andestic agglomerate, very coarse sand and pebbles	15 gallons/minute
530 to 560	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	
560 to 580	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand and pebbles	30 gallons/minute
580 to 600	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	
600 to 610	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand and pebbles	
610 to 640	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	35 gallons/minute
640 to 650	Olive-brown, hornblende andesitic agglomerate	
650 to 670	Gray, hornblende-plagioclase, andesitic agglomerate	

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Surrey Ridge Project, Summit County, UT

Surrey Ridge Exploratory Boehole

Aug. 9 to Aug. 12, 2004

Depth (feet)	Lithologic Description in Decreasing Order of Abundance*	Airlift Production
670 to 680	Moderate brown, hornblende-plagioclase, andesitic agglomerate	
680 to 700	Brown-gray, hornblende-plagioclase, andesitic agglomerate	50 gallons/minute
700 to 790	Moderate brown, hornblende-plagioclase, andesitic agglomerate	75 gallons/minute
790 to 830	Moderate brown, hornblende-plagioclase, andesitic agglomerate, 15% light brown clay	
830 to 850	Dark yellow-brown, andesitic agglomerate, coarse sand	
850 to 860	Dark blue-gray, clay-rich (50%) andesitic agglomerate	
860 to 870	Gray-black basaltic andesite, 15% clay	
870 to 880	Dark yellow-brown, andesitic agglomerate, coarse sand	100 gallons/minute
880 to 900	Yellow-gray, light green gray, white, moderate red, medium to fine grain sandstone, pale yellow-brown clay, medium dark gray, plagioclase-bearing andesitic agglomerate	
900 to 920	Brown-gray, clay-rich andesite with acicular hornblende, gray-green, white, yellow-gray and moderate red, medium to fine grain sandstone, medium light gray hornblende andesite	
920 to 930	Moderate red-brown, dusky red, medium gray hornblende andestic agglomerate, white, medium grain, rounded quartz sandstone, yellow-gray, very fine grain sandstone	
930 to 950	Gray clay, gray hornblende-bearing andesite, white orthoquartzite pebbles	
950 to 964	Brown-gray and gray clay, white orthoquartzite pebbles, dark gray andesite	
964 to 970	Moderate brown, massive siltstone	
970 to 980	Moderate brown and moderate red-brown, massive siltstone	

Total Depth: 980 feet

*cuttings were logged wet using the Munsel Color chart to define the color of the cuttings

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UTAH DIVISION OF WATER RIGHTS

Details for Non-Production Well Application Number 0435011M00

Well Information

Request Date	Authorization Date	Expiration Date	Well Type
08/09/2004	//	02/09/2005	Monitor

Owner Information

	Name	Address 1	Address 2	Address 3	Phone
(Owner)	BONNEVILLE BUILDERS	4885 SOUTH 900 EAST STE 208	SALT LAKE CITY, UT 84117		
(Conctact)	JOHN FLEMING				

Comments

Date	Entered By	Comments
N/A	N/A	N/A

Location Information

#	WRCHEX	NS Direction	NS Distance	EW Direction	EW Distance	Section Corner	STR	Elevation	Type
1	0435011M00	N	1796	W	1922	SE	SL 1N 4E25	0	U

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DIVISION OF WATER RIGHTS
REQUEST FOR NON-PRODUCTION WELL CONSTRUCTION
(for wells deeper than 30 feet)

Well Type (check one): Provisional (X) Monitor (✓) Cathodic Protection ( ) Heat Exchange ( )

Applicants Name: BONNEVILLE BUILDERS

Mailing Address: 4885 SOUTH 900 EAST, STE. 208

SALT LAKE CITY, UT 84117

Contact Person: JOHN FLEMING Phone:

Proposed Start Date: 8-9-04 Anticipated Completion Date: 9-30-04

Well Drillers License No: 568 Proposed No. of Wells: 1

PROPOSED LOCATION OF WELLS:

County: EAST SUMMIT (35)

NO./SQ. DISTANCE (feet)	EAST/WEST DISTANCE (feet)	SECTION CORNER	SECTION	TOWNSHIP	RANGE	BASE	DIAMETER (inches)	DEPTH (feet)
N1000	W1300	W4	15	2S	1W	SL	2	100
N1796	W1923	SE	25	1N	4E	SL	6.5	1000

Use back of form or additional paper if more room is needed

EXPLANATORY: EXPLORATORY WELL FOR QUALITY AND QUANTITY FOR POSSIBLE FUTURE PRODUCTION.

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DIV OF OIL, GAS & MINING

Signature of Applicant

Date 8-9-04

FOR OFFICE USE ONLY

Date of Request: 8/9/04 *Approval Date:* 8/9/04

Approved by: *Provisional/Monitor Well No.*

Water Right Number (if available):

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File UPR B-1

☐ Suspense (Return Date) _____ (To-Initials) _____

☐ Other _____

(Loc.) Sec 25 Twp 1N Rng 4E

(API No.) 43-043-30274

1. Date of Phone Call: 3/13/06 Time: 11:15

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name John Fleming (☐ Initiated Call) - Phone No. (801) 263-1406 or 259-3161 Cell #

of (Company/Organization) Bonneville Dev. Group "The Bert LTD Partnership"

3. Topic of Conversation:

4. Highlights of Conversation:

Exxon - Mark Bolten (281) 654-1946 11:00 msg.

3/27/06 Dolores Howard (281) 654-1929 will follow-up. * Mark Bolten out on medical leave.

From: Lisha Cordova
To: Dan Jarvis; Gil Hunt; Mark Jones; Michael Hebertson
Date: 1/18/2006 12:38:34 PM
Subject: Exxon Update

FYI,

See attached, looks like add'l reclaim will commence as soon as weather permits for the well sites in Summit County.

Negotiations still underway for the Sego Canyon wells in Grand County, landowner may want to convert them to water wells.

I'll keep you posted as updates are received.

From: Lisha Cordova
To: mark.j.bolton@exxonmobil.com
Date: 1/18/2006 3:21:11 PM
Subject: Re: Exxon Mobil Corporation Bond

Mark,

Thanks for the updated information, let me know in advance when Exxon plans to visit/perform add'l reclaim at the well sites in Summit County, and when a determination has been made regarding the Sego Cyn wells in Grand County.

Also, I spoke with John Fleming "The Bact Limited Partnership" this morning regarding the UPRR B-1 wellsite, they should be sending the Division a response to letter dated Dec. 13, 2005, within the week. I will keep you posted of the outcome.

Thanks again for your help!

>>> <mark.j.bolton@exxonmobil.com> 1/13/2006 12:28 PM >>>
Our preference is to have all the landowner issues settled prior to starting work on the wells, to enable accomplishing the work in the most effective manner. The Sego canyon wells may be handled separately as they need rig work and the reclamation work is minor.

Following is a descrition of the status on the wells:

UPRC C-1 and UPRC C-2 wells: We received an executed letter agreement from Earl Blonquist dated 10-09-05. Earl represents Helen Judd. For the UPRC C-2 we still need to determinre mineral ownerhip issues. This location has a P & A marker on it and landowner concerns need to be determined. The property may be in use by Citation.

UPRC #3 well: We received an executed letter agreement from Charles Gillmor dated 09-30-05. Charles Gillmor (UPRC #3) wasn't aware of any water well. The issue around whether to plug it or assign it over to the surface owner will need to be resolved between EM representatives and Mr. Gillmor when we access the surface to do the relcamation work.

UPRC D-1 well: We received an executed letter agreement from Lorin Moench dated 10-03-05.

For the above wells, we have an access agreement letter and will begin work as construction schedule, site meetings and weather allows.

As far as Tommy Ryan and Sego Canyon wells is concerned, on 12-15-05 Tommy had decided he couldn't use the wellbore for water in his ranching operations. He was moving back to Utah and would send the access agreement after he gets settled. I have talked with him further since getting to Utah and sent him copies of the well files with notes about water found in the wells. Water had a sulfur smell and were unable to determine if it came from the shallow coal or deeper formation. I advised him to discuss this with a water well driller as to any potential use for shallow water and/or coal gas.

1/10/05, I have talked with Tommy Ryan again, he is still looking at the wanting the Sego Canyon Wells, he said he sent the agreement to you, then

said he still has it and will be sending it, but expect he will still be discussing it with contractors. The well casing is cemented in to 900 +/- feet. He will need to perforate the well in productive water formations to convert this into a water well. The State Engineer will need to review to the plans would need to approve any plug back plans for a water well use. I informed him that once we got on the well we would want to plug it to the surface. The well has approximatly 900 feet of casing cemented in place that would need to be perforatated. The State engineer would need to approve any plugging plan.

UPRR B-1 well: The State of Utah wrote a letter to John Fleming dated 12-13-05. We have not received anything from Fleming since the letter dated 11-15-05 in which he indicated they were not ready for our remedial work to begin. This letter is what prompted the State of Utah letter.

Mark Bolton
281-654-1946 (F) 262-313-3754
CORP-MI-P064

From: Lisha Cordova
To: jbflemingslc@aol.com
Date: 1/18/2006 11:23:47 AM
Subject: Exxon / UPRR B-1

Hi John,

Following our discussion today regarding the above referenced well, attached is a copy of Division letter dated December 13, 2005, and attachments, that was addressed c/o John Fleming. The letter may have been delivered to Mr. Clement Tebbs, as his name was also listed in the mailing address.

Please review the attached information, and discuss resolution of this matter with Mr. Clement Tebbs.

A timely response from you or Mr. Clement Tebbs will be greatly appreciated. If you have any questions you may contact me at the number listed below or you may call Gil Hunt at (801) 538-5297.

Thank you!

Lisha Cordova, Petroleum Specialist
Division of Oil, Gas, and Mining
1594 W North Temple, Ste 1210
SLC Ut 84116
(801) 538-5296
lcordova@utah.gov

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File UPRR B-1

☐ Suspense

☐ Other

(Return Date) _____

(To-Initials) _____

(Loc.) Sec 25 Twp 1N Rng 4E

(API No.) 43-043-30274

1. Date of Phone Call: 1/9/06 Time: 9:45

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Mark Bolton (☐ Initiated Call) - Phone No. (281) 654-1946

of (Company/Organization) Exxon

3. Topic of Conversation: Has Exxon received a landowner release from "The Bact Ltd. Partnership" or any other correspondence?

4. Highlights of Conversation:

1/10/06 Mark will follow-up with Exxons' land department to see if l/o release was submitted.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File UPRR B-1 ☐ Suspense ☐ Other

(Return Date) _____

(Loc.) Sec 25 Twp 1N Rng 4E (To-Initials) _____

(API No.) 43-043-30274

1. Date of Phone Call: 1/9/06 Time: 9:30 msg. left ans. machine.

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name John Fleming (☐ Initiated Call) - Phone No. (801) 263-1406 259-3161 Cell #

of (Company/Organization) Bonneville Dev. Group "The Bact LTD Partnership"

3. Topic of Conversation: jbfleming@aol.com

4. Highlights of Conversation:

1/18/06 Email letter dated 12-13-05, orig. may be with Clement Tebbs.

ExxonMobil US Production Company
P.O. Box 4358
Houston, Texas 77210-4358

U.S. Production/
RSO/Permits

ExxonMobil
Production

December 1, 2005

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah
84114-5801

Reference: UPRR B-1 Well location / 43-043-30274
NW SW Section 25, T1N-R4E
Summit County, UT

Mr. John Baza,

Concerning the reclamation for the road for the above location and as per the attached correspondence dated 11-15-2005 from the Bonneville Development Group. John Fleming, project manager has continued to defer the resolution of this issue pending a zoning application with the Summit County.

Exxon Mobil Corporation reclaimed the well location shortly after the well was plugged and abandoned in 1986. The road was not reclaimed at that time as per the request of the landowner; as it was being considered for use in future development of the property. A release from the landowner was not obtained.

It is unreasonable to hold the operator responsible for 20 years pending a landowners development options. The cost to reclaim the road would have been minimized by completing the work when the location and other work occurred in 1986 and we are certain it would have been completed at that time had the landowner desired it.

Exxon Mobil Corporation has completed the restoration requirements as per R649-3-34 and have made every reasonable effort to establish and fulfill a surface use agreement with the owners of land involved. We are requesting the Department of Oil, Gas and Mining release Exxon Mobil Corporation from any further obligation at this site as per R649-3-34. 9. "If no surface use agreement can be established, the division shall establish minimum well site restoration requirements for any well located on fee or private surface for the purposes of final bond release".

If you have any questions, please contact me at 281-654-1946 or mark.j.bolton@exxonmobil.com.

Sincerely,

Mark Bolton

Mark Bolton

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DEC 02 2005
DIV. OF OIL, GAS & MINING

(MJBmjb)
Attachment: letter from Bonneville Development Corp 11/15/2005
cc: Paul Keffer

RECEIVED
DEC 02 2005
DIV. OF OIL, GAS & MINING

Bonneville
DEVELOPMENT GROUP

November 15, 2005

NOV 22

UPRR B-1 well location
NW/4SE/4 of Section 25, T1N-R4E
Summit County, Utah

Paul Keffer
ExxonMobile Production Co.
P.O. Box 4610
Houston, Texas 77210-4610

Dear Sir:

Please accept my apology for our delayed response to your letter of September 30. We had anticipated a possible resolution to our zoning issues with respect to the subject property that as of yet has not been forthcoming. Consequently, we respectfully request your forbearance in conducting any reclamation of the site until such time as our zoning and site plan has been approved by Summit County. The very nature of the reclamation could be greatly impacted by this decision. Unfortunately, I am unable to be certain of any dependable time frame with which to advise you. I will simply keep you informed when the zoning process has been finalized. Until that time, I hope you will notify the appropriate parties within the Utah Department of Natural Resources of this continued delay. Thank you for your patience in this regard.

Cordially,

John Fleming
Project Manager

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BONNEVILLE DEVELOPMENT GROUP L.L.C.
4885 South 900 East, Suite 208, Salt Lake City, Utah 84117
(801) 263-1406, Fax (801) 261-8380, www.BonnevilleCompanies.com

WELL DRILLER'S REPORT
State of Utah
Division of Water Rights

For additional space, use "Additional Well Data Form" and attach

Well Identification

Non-Production Well: 0435011M00 WIN: 30009

Owner *Note any changes*

BONNEVILLE BUILDERS
4885 SOUTH 900 EAST STE 208
SALT LAKE CITY, UT 84117

Contact Person/Engineer: CLEMENT TEBBS

Well Location *Note any changes*

N 1796 W 1922 from the SE corner of section 25, Township 1N, Range 4E, SL B&M

Location Description: (address, proximity to buildings, landmarks, ground elevation,local well #)

Drillers Activity Start Date: AUG 9, 2004 Completion Date: AUG 13, 2004

Check all that apply: [X] New [ ] Repair [ ] Deepen [ ] Clean [ ] Replace [ ] Public Nature of Use: TEST WELL

If a replacement well, provide location of new well. N/A feet north/south and N/A feet east/west of the existing well.

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Well Log

DEPTH (feet) FROM	TO	WATER	PERMEABLE High	PERMEABLE Low	UNCONSOLIDATED CLAY	SILT	SAND	GRAVEL	COBBLES	BOULDER	OTHER	CONSOLIDATED ROCK TYPE	COLOR	DESCRIPTION AND REMARKS (e.g., relative %, grain size, sorting, angularity, bedding, grain composition density, plasticity, shape, cementation, consistancy, water bearing, ordor, fracturing, minerology, texture,degree of weathering, hardness, water quality, etc.)
														*SEE ATTACHMENT

RECEIVED NOV 2 1 2005 DIV OF OIL, GAS & MINING

RECEIVED SEP 27 2004 WATER RIGHTS SALT LAKE TS

Static Water Level

Date 8-10-04 Water Level 328 feet Flowing? [ ] Yes [X] No

Method of Water Level Measurement WATER SOUNDER If Flowing, Capped Pressure N/A PSI

Point to Which Water Level Measurement was Referenced GROUND LEVEL Elevation

Height of Water Level reference point above ground surface N/A feet Temperature COOL degrees [ ] C [ ] F

Well Log

Construction Information

DEPTH (feet) FROM	TO	CASING: CASING TYPE AND MATERIAL/GRADE	WALL THICK (in)	NOMINAL DIAM. (in)	DEPTH (feet) FROM	TO	☐SCREEN ☐PERFORATIONS ☐OPEN BOTTOM: SCREEN SLOT SIZE OR PERF SIZE (in)	SCREEN DIAM. OR PERF LENGTH (in)	SCREEN TYPE OR NUMBER PERF (per round/interval)
+2	62	STEEL	.250	7					

Well Head Configuration: LOCKING CAP ON 7" CASING Access Port Provided? ☐Yes ☐No

Casing Joint Type: WELDED Perforator Used: N/A

Was a Surface Seal Installed? ☒Yes ☐No Depth of Surface Seal: 62 feet Drive Shoe? ☐Yes ☒No

Surface Seal Material Placement Method: CEMENT PUMPED THROUGH TREMIE LINE

DEPTH (feet) FROM	TO	SURFACE SEAL / INTERVAL SEAL / FILTER PACK / PACKER INFORMATION: SEAL MATERIAL, FILTER PACK and PACKER TYPE and DESCRIPTION	Quantity of Material Used (if applicable)	GROUT DENSITY (lbs./gal., # bag mix, gal./sack etc.)
0	62	PORTLAND CEMENT	3000 LB SUPER SACK	16LB/GAL

Well Development and Well Yield Test Information

DATE	METHOD	YIELD	Units Check One: GPM	CFS	DRAWDOWN (ft)	TIME PUMPED (hrs & min)
08-13-04	AIR LIFT	100	X		UNKNOWN	

Pump (Permanent)

Pump Description: _____ Horsepower: _____ Pump Intake Depth: _____ feet

Approximate Maximum Pumping Rate: _____ Well Disinfected upon Completion? ☐Yes ☐No

Comments

Description of construction activity, additional materials used, problems encountered, extraordinary Circumstances, abandonment procedures. *Use additional well data form for more space.*

Well Driller Statement

This well was drilled and constructed under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name LANG EXPLORATORY DRILLING INC (Person, Firm, or Corporation - Print or Type) License No. 568

Signature Alan L. Lang (L. Well Driller) Date 9/22/04

Surrey Ridge Project, Summit County, UT

Surrey Ridge Exploratory Boehole

Aug. 9 to Aug. 12, 2004

Depth (feet)	Lithologic Description in Decreasing Order of Abundance*	Airlift Production
0 to 60	Very light gray, weathered, hornblende-bearing, andesitic agglomerate	
60 to 70	Medium gray and moderate red, hornblende-plagioclase, andesitic agglomerate	
70 to 110	Medium gray and moderate red, hornblende-plagioclase, andesitic agglomerate, light gray clay increases downward	
110 to 120	Gray to brown andesitic agglomerate, very coarse sand clast size	
120 to 140	Gray to brown andesitic agglomerate, pebble clast size, rust stained fracture surfaces	
140 to 180	Light gray, clay-rich, hornblende-bearing, andesitic agglomerate, very coarse sand	
180 to 200	Gray and moderate red, hornblende-bearing agglomerate, pebbles	
200 to 270	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate	
270 to 290	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate, yellow-brown clay	
290 to 300	Gray-brown, and moderate red, hornblende-plagioclase, andesitic agglomerate	
300 to 320	Pale yellow-brown, clay-rich, hornblende agglomerate, light yellow quartzite gravel	
320 to 400	Gray to brown-gray, hornblende agglomerate, minor moderate red agglomerate, minor yellow quartzite pebbles	
400 to 410	Very light gray, hornblende-bearing, andesitic agglomerate	
410 to 420	White quartzite pebble gravel, brown andesitic gravel	
420 to 430	Very light gray, hornblende-bearing, andesitic agglomerate	
430 to 440	Gray andesitic agglomerate, red-brown clay	
440 to 470	Light gray, hornblende-plagioclase, andesitic agglomerate with minor moderate red agglomerate	5 gallons/minute
470 to 500	Brown-gray to medium gray and minor moderate red andesitic agglomerate	
500 to 530	Light gray, hornblende-plagioclase andestic agglomerate, very coarse sand and pebbles	15 gallons/minute
530 to 560	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	
560 to 580	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand and pebbles	30 gallons/minute
580 to 600	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	
600 to 610	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand and pebbles	
610 to 640	Brown-gray and minor moderate red, hornblende-plagioclase, andesitic agglomerate, coarse sand	35 gallons/minute
640 to 650	Olive-brown, hornblende andesitic agglomerate	
650 to 670	Gray, hornblende-plagioclase, andesitic agglomerate	

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Surrey Ridge Project, Summit County, UT

Surrey Ridge Exploratory Boehole

Aug. 9 to Aug. 12, 2004

Depth (feet)	Lithologic Description in Decreasing Order of Abundance*	Airlift Production
670 to 680	Moderate brown, hornblende-plagioclase, andesitic agglomerate	
680 to 700	Brown-gray, hornblende-plagioclase, andesitic agglomerate	50 gallons/minute
700 to 790	Moderate brown, hornblende-plagioclase, andesitic agglomerate	75 gallons/minute
790 to 830	Moderate brown, hornblende-plagioclase, andesitic agglomerate, 15% light brown clay	
830 to 850	Dark yellow-brown, andesitic agglomerate, coarse sand	
850 to 860	Dark blue-gray, clay-rich (50%) andesitic agglomerate	
860 to 870	Gray-black basaltic andesite, 15% clay	
870 to 880	Dark yellow-brown, andesitic agglomerate, coarse sand	100 gallons/minute
880 to 900	Yellow-gray, light green gray, white, moderate red, medium to fine grain sandstone, pale yellow-brown clay, medium dark gray, plagioclase-bearing andesitic agglomerate	
900 to 920	Brown-gray, clay-rich andesite with acicular hornblende, gray-green, white, yellow-gray and moderate red, medium to fine grain sandstone, medium light gray hornblende andesite	
920 to 930	Moderate red-brown, dusky red, medium gray hornblende andestic agglomerate, white, medium grain, rounded quartz sandstone, yellow-gray, very fine grain sandstone	
930 to 950	Gray clay, gray hornblende-bearing andesite, white orthoquartzite pebbles	
950 to 964	Brown-gray and gray clay, white orthoquartzite pebbles, dark gray andesite	
964 to 970	Moderate brown, massive siltstone	
970 to 980	Moderate brown and moderate red-brown, massive siltstone	

Total Depth: 980 feet

*cuttings were logged wet using the Munsel Color chart to define the color of the cuttings

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UTAH DIVISION OF WATER RIGHTS

Details for Non-Production Well Application Number 0435011M00

Well Information

Request Date	Authorization Date	Expiration Date	Well Type
08/09/2004	//	02/09/2005	Monitor

Owner Information

	Name	Address 1	Address 2	Address 3	Phone
(Owner)	BONNEVILLE BUILDERS	4885 SOUTH 900 EAST STE 208	SALT LAKE CITY, UT 84117		
(Conctact)	JOHN FLEMING				

Comments

Date	Entered By	Comments
N/A	N/A	N/A

Location Information

#	WRCHEX	NS Direction	NS Distance	EW Direction	EW Distance	Section Corner	STR	Elevation	Type
1	0435011M00	N	1796	W	1922	SE	SL 1N 4E25	0	U

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DIVISION OF WATER RIGHTS
REQUEST FOR NON-PRODUCTION WELL CONSTRUCTION
(for wells deeper than 30 feet)

Well Type (check one): Provisional (X) Monitor (✓) Cathodic Protection ( ) Heat Exchange ( )

Applicants Name: BOUNSVILLE BUILDERS

Mailing Address: 4885 SOUTH 900 EAST, STE. 208

SALT LAKE CITY, UT 84117

Contact Person: JOHN FLEMING Phone:

Proposed Start Date: 8-9-04 Anticipated Completion Date: 9-30-04

Well Drillers License No: 568 Proposed No. of Wells: 1

PROPOSED LOCATION OF WELLS:

County: EAST SUMMIT (35)

NO./SQ. DISTANCE (feet)	EAST/WEST DISTANCE (feet)	SECTION CORNER	SECTION	TOWNSHIP	RANGE	BASE	DIAMETER (inches)	DEPTH (feet)
N1000	W1300	W4	15	2S	1W	SL	2	100
N1796	W1922	SE	25	1N	4E	SL	6.5	1000

Use back of form or additional paper if more room is needed

EXPLANATORY: EXPLORATORY WELL FOR QUALITY AND QUANTITY FOR POSSIBLE FUTURE PRODUCTION.

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NOV 21 2005
DIV OF OIL, GAS & MINING

Signature of Applicant

8-9-04
Date

FOR OFFICE USE ONLY

Date of Request: 8/9/04 *Approval Date:* 8/9/04

Approved by: *Provisional/Monitor Well No.*

Water Right Number (if available):

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NOV 21 2005
DIV OF OIL, GAS & MINING

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS DATABASE QUERY

Well Data

WELL IMAGES

API NUMBER 4304330274 SELECT IMAGES 004 SW.JPG CLOSE

WELL S

WELL NAME UPI

OPE

DESIGNATED OPE

FIELD NAME WI

WELL LOCATION:

SURF LOCATION

Q. S. T. R. M.

COUNTY

UTM Coordinates:

SURFACE - N

SURFACE - E

LATITUDE

LONGITUDE

COMMENTS

Create

CTIVITY

TUS PA

5 2 1986

DUCTION:

P V1 D V2 X

NUM

Start Novell-delivered Applicati... OIL & GAS INFORMAT... Well Selection Criteria 2:02 PM

LC

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

August 4, 2005

Mr. Mark Bolten, Regulatory Specialist
Exxon Mobil Corporation
Mail Code: CORP-MI-PO64
P. O. Box 4358
Houston, Texas 77210-4358

Re: Plugging and Abandonment of Wells & Well Site Restoration – Grand & Summit County, Utah

Dear Mr. Bolten:

In May 2004, the Division of Oil, Gas, and Mining (the "Division") conducted a bonding review for Exxon Mobil Corporation ("Exxon"). The Division's records reveal that Surety Bond No. 83028025 ($80,000) issued by Federal Insurance Company, on behalf of Exxon was filed with the Division effective July 28, 2000. Wells/sites associated with the above referenced bond include; (2) wells ("strat tests") located in Grand County that require plugging in accordance with R649-3-24. "Plugging and Abandonment of Wells", and well site restoration in accordance with R649-3-34. "Well Site Restoration" and/or landowner release; and (5) wells/sites in Summit County that require well site restoration and/or landowner release (see attached list).

Division staff members met with Exxon representative Joel Talavera at the well site(s) in Grand County on July 12, 2004, and with landowners at the Summit County well sites on July 19-20, 2004, to determine further required action. Copies of the Division's onsite inspections, landowner information, and site photos were submitted to Exxon shortly thereafter. Since then, Division staff have been working with Exxon representatives to get the wells plugged and/or reclaimed.

On July 22, 2005, Exxon expressed difficulty in obtaining internal records for the wells/sites, and requested copies of the Division's (7) well files. The Division submitted copies to Exxon on August 2, 2005. Please be advised that Exxon has until November 1, 2005, to comply with R649-3-24, and R649-3-34 of The Oil and Gas Conservation General Rules, for the (7) wells/sites. Failure to comply by the desired date could result in further action by the Division.

Should you have any questions regarding this matter, please contact me at (801) 538-5296.

Sincerely,

Lisha Cordova

Lisha Cordova
Petroleum Specialist

LC:jc
enclosure(s)
cc: Dan Jarvis, Acting Technical Services Manager
Bart Kettle, Price Field Office
Bond File
Well File(s)

Exxon Mobil Corporation
August 4, 2005

API No.	Operator	Well Name	Well Type	Status	Bond No.	Qtr/Qtr	Sec.	Twn.		Rng.		County
43-019-31227	Exxon Mobil Corporation	EPR Sego Canyon 1	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	*Private Landowner - Needs to be determined.	*Needs to be plugged (18" casing - 120' deep?). And need to reclaim disturbed area and/or obtain l/o release.	*Strat Test									
43-019-31232	Exxon Mobil Corporation	EPR Sego Canyon 2	TW	I	83028025	NWNW	27	20	S	20	E	Grand
	*Private Landowner - Needs to be determined.	*Needs to be plugged (18" casing - 1680-2236' deep?). And need to reclaim disturbed area and/or obtain l/o release.	*Strat Test									
43-043-30014	Exxon Mobil Corporation	UPRC C-2	OW	PA	83028025	SENW	35	2	N	6	E	Summit
	*Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686	*Well plugged, site not reclaimed, and located at Citations' central tank battery facility in the Lodgepole Field. Was reclamation liability transferred to Citation or is Exxon the responsible party? L/O unable to confirm 7/2004 & wants the site reclaimed when operations cease at the site.										

Exxon Mobil Corporation
August 4, 2005

43-043-30274	Exxon Mobil Corporation	UPRR B-1	NA	PA	83028025	NWSE	25	1	N	4	E	Summit
	*Landowner - The Bact Limited Partnership/John Tebbs Contact / John Fleming (801) 259-3161	*Well plugged; reserve pit reclaimed; well pad & access road not reclaimed. L/O expressed willingness to sign a release of liability for access road but would like pad reclaimed 7/2004.										
43-043-30287	Exxon Mobil Corporation	UPRC 3	OW	LA	83028025	NWSE	17	2	N	7	E	Summit
	*Landowner(s) - Charles Gillmor (801) 971-4171 / Atty Richard Hall (801) 578-6960 and Ed Gillmor Jr. (801) 364-3976 / Probate Atty Richard Skeen (801) 578-6928	*Well not drilled;pad and reserve pit constructed & needs to be reclaimed; water well drilled and capped & needs further review, and/or landowner release. L/O expressed desire for reclaim 7/2004.										
43-043-30294	Exxon Mobil Corporation	UPRC C-1	GW	PA	83028025	NESW	35	2	N	6	E	Summit
	*Landowner - Helen Judd Contact / Son-in-Law Earl Blonquist (435) 336-2686	*3 joints of casing on location (18" X 36'); water well with removable cap - needs further review;septic tank installed & not removed;access road not reclaimed. L/O expressed willingness to sign a release of liability 7/2004.										

Exxon Mobil Corporation
August 4, 2005

43-043-30299	Exxon Mobil Corporation	UPRC D 1	D	PA	83028025	NWNW	17	3	N	8	E	Summit
	*Landowner Lorin Moench (801) 364-0099	*Well plugged with buried marker; reclaimed/reseeded. L/O expressed desire for additional seed - currently E/W running rows & not willing to sign release of liability 7/2004.										

From: Lisha Cordova
To: john@bonnevillebuilders.com
Date: 7/16/2004 11:36:39 AM
Subject: UPRR B1/43-043-30274

Hi John Tebbs,

An Exxon Corporation representative "Joel Talavera (970)749-1298" will be visiting Utah next Monday the 19th & Tuesday the 20th. He will be here to meet with surface owners of properties where Exxon has plugged and abandoned wells to discuss surface reclamation at well sites. The well located on property owned by "The Bact Limited Partnership, Registered Agent Clement F. Tebbs (your father)" is:

UPRR B-1 / API No. 43-043-30274
NWSE Sec. 25, Township 1 North, Range 4 East, Summit County, Utah
Drilling was completed on 2/8/86, total depth 16,259', plugged & abandoned 5/2/86.

I visited the site on July 14, 2004, the well is plugged and abandoned, the reserve pit has been reclaimed, and all drilling equipment has been removed. The only issue the Division has at this time is surface reclamation. The road to the location has not been reclaimed, the well pad is somewhat revegetated.

We would like to meet with you on Tuesday the 19th to discuss surface reclamation at the well site. If you have a "surface use agreement" with Exxon, please bring a copy with you. We will plan on meeting you off of I-80, Ranch Exit, at the gate (1st building) on Promontory Rd at 12:00 or 1:00, sorry I can't be more specific with the time but we will be coming from another appointment in the Coalville area. If you cannot make it to the meeting please call and leave a message on my work answering machine (801)538-5296 or call me at home (801)280-7263 this weekend, and/or call me on my cell (801)554-6574.

Thank you, I look forward to meeting you!

Lisha Cordova
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
(801)538-5296

005

BOND#: 8302-80-25
This Bond replaces American Ins. Co. Bond#5101159 effective 07/28/00

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) EXXON MOBIL CORPORATION as Principal, and

(surety name) FEDERAL INSURANCE COMPANY as Surety, duly authorized and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100---------- dollars ($80,000.00********) lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

XX Blanket Bond: To cover all wells drilled in the State of Utah

____ Individual Bond: Well No: _____

Section: _____ Township: _____ Range: _____

County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate seal to be affixed this

28th day of July, ~~19~~2000.

(Seal)

EXXON MOBIL CORPORATION
Principal

By [signature] Production Manager
Name and Title

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate seal to be affixed this

28th day of JULY, ~~19~~2000.

(Seal)

FEDERAL INSURANCE COMPANY
Surety (Attach Power of Attorney)

By [signature]
Marie Acker, Name and Title Attorney-in-Fact

2000 West Loop South, Suite 1800
Surety's Mailing Address

Houston, Texas 77027

(5/2000)

1855

Chubb Surety

POWER OF ATTORNEY

Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company

Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo, Marie Acker. Philana Berros, Maureen Y. Higdon and Roger Smiddy of Houston, Texas----------

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 2nd day of July, 1999

Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson, Vice President

STATE OF NEW JERSEY
County of Somerset } ss.

On this 2nd day of July, 1999, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal

WENDIE WALSH NOTARY PUBLIC NEW JERSEY

WENDIE WALSH
Notary Public, State of New Jersey
No. 0064504
Commission Expires April 18, 2003

Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

(i) the foregoing extract of the By-Laws of the Companies is true and correct,
(ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 28th day of JULY, 2000

FEDERAL INSURANCE COMPANY · INDIANA ·

PACIFIC INDEMNITY COMPANY INCORPORATED JAN. 14, 1925 WISCONSIN

VIGILANT INSURANCE COMPANY NEW YORK

Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

15-10-0225 (Ed. 4-99) CONSENT

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

PLEASE RETURN THIS COPY WITH PAYMENT

DOCUMENT INVOICE
PHOTOCOPIES (2824)
PUBLIC INFORMATION CENTER

COPY

DATE: August 01, 2005

SERVICES RENDERED FOR: EXXON
Attn: Mark Bolton
(Ph) (281) 654-1946
Fax: (262) 313-6754

MATERIAL PROVIDED	QUANTITY	PRICE	AMOUNT
Computer Screen Dump		$ .25/Page =	$
Xerox Copy	736	$ .25/Page =	$ 184.00
Xerox Logs		$ .25/Page =	$
Oversized Maps		$ 4.00/Each =	$
Computer Disk (Prod)			$
Computer Disk (Well data)			$
		TOTAL AMOUNT DUE =	$ 184.00

Please remit full amount within 30 days. **Make check payable to the DIVISION OF OIL, GAS & MINING** and send to Jo Ogea at the above address. If there are any questions regarding this billing, please feel free to contact this office.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Mark Bolten, Regulatory Specialist
Exxon Mobil Corporation
Mail Code: CORP-MI-PO64
P. O. Box 4358
Houston, Texas 77210-4358

From: Lisha Cordova
To: Dan Jarvis
Date: 7/22/2005 2:50:31 PM
Subject: Fwd: ExxonMobil Corporation Wells

Dan,

Here's the latest info. from Exxon, I have the PIC (Jo) making copies of all 7 well files - she will also prepare a billing statement for them. I'll let you talk to Gil & Dustin about their other proposal "Orphan Well Program", let me know the outcome.

Thank you!

>>> <mark.j.bolton@exxonmobil.com> 7/22/2005 12:53 PM >>>

In regards to ongoing work to resolve issues concerning seven wells remaining on the bond filed with the State of Utah, below is a list of the wells, standing and progress.

(Embedded image moved to file: pic17933.jpg)

The Sego Canyon wells were reviewed by Joel Talavera and the UT DOGM inspector and they were only able to locate one of the wells, later the inspector located the well and Joel has made arrangements to meet on site to review the condition of these wells. The second well may have been abandoned at a shallow depth. These wells were never oil and gas wells and may be suitable for water well use. We will be reviewing water rights and discussing this with the landowner. Also, as we do not have operations in the vicinity, and would have to mobilize a contractor from out of state or a local contractor (and undergo a vigorous safety inspection and subsequent equipment modifications), We would like to know if this work could be accomplished through the Utah Orphan Well program at a predetermined price. The subsurface engineer has reviewed one of the wells and has developed a plan and cost estimate.

The other wells, we are having difficulty in obtaining internal records and are requestingUT DOGM copies of the files, less well logs for all of the above wells. Please send me a price for the copies and mailing to prepare a Purchase Order.

I appreciate your patience and please call with any questions.

thanks,
Mark Bolton
281-654-1946 (F) 262-313-6754
CORP-MI-P064
mark.j.bolton@exxonmobil.com

From: Lisha Cordova
To: dolores.o.howard@exxonmobil.com
Date: 7/21/2005 1:07:38 PM
Subject: Re: Utah, EPR Sego Canyon

Thanks Dolores!

>>> <dolores.o.howard@exxonmobil.com> 7/21/2005 1:03 PM >>>
Hello Lisha,

I've gone by Mark Bolton's office twice this afternoon and he was not in.
I was going to let him know that you and I had talked.

I'll check on him again in the morning.

thanks,
Dolores

Dolores O. Howard
Senior Regulatory Specialist, ExxonMobil Production Company, USP,
281-654-1929, 262-313-3767 (fax), dolores.o.howard@exxonmobil.com,
P. O. Box 4358, Houston, TX 77210-4358 or CORP-MI-P046A, 222 Benmar,
Houston, Texas 77060 (overnight address)

From: Lisha Cordova
To: Dan Jarvis; Gil Hunt; Michael Hebertson
Date: 7/13/2005 3:49:15 PM
Subject: Exxon Mobil Corp.

Hi guys,

I'm still trying to get Exxon to reclaim well locations in Summit & Grand Counties (see attached list). I left Dolores Howard a phone message today and when I talk with her & find out whats happening on her end I will let you all know.

7/21/05 Dolores Howard said after speaking with Exxons' team leader Alex Correa, the case has been turned over to Mark Bolten again for follow-up. Dolores handles bonding for Exxon whereas Mark "Regulatory Specialist" is better suited to handle the follow-up work. According to Dolores, Exxon is in the process of getting cost estimates for the wells/sites.

Sego Cyn. Wells - Elijah White?

* Message left on Mark Boltens' ans. machine (281) 654-1946.

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____

☐ Suspense

☐ Other

(Return Date) _____

(To-Initials) _____

(Loc.) Sec____ Twp____ Rng____

(API No.) _____

1. Date of Phone Call: 7/13/05 Time: 3:30

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Dolores Howard (☐ Initiated Call) - Phone No. (281) 654-1929

of (Company/Organization) _____

3. Topic of Conversation: Summit/Grand County reclamation follow-up.

4. Highlights of Conversation:

msg. on ans. machine left.

From: Lisha Cordova
To: dolores.o.howard@exxonmobil.com
Date: 5/26/2005 1:02:30 PM
Subject: Exxon Mobil Corp/Update

Hi Dolores,

Our field inspector (Bart Kettle) visited the EPR Sego Canyon 1 & 2 wells on May 24, 2005. Both wells need to be plugged & abandoned, followed by reclaim. Attached are copies of his inspections & photos.

Also attached is a updated complete list of wells that need to be plugged & abandoned and/or reclaimed by Exxon before Bond No. 83028025 can be released by the Division. Bonding for the wells was originally covered under Exxon Corporation, Surety Bond No. 5101159 issued by American Insurance Company, which was replaced by Surety Bond No. 83028025 issued by Federal Insurance Company in behalf of Exxon Mobil Corporation eff. 7/28/2000 (see attached bond record).

I will be your contact for the wells located in Summit County, and have previously submitted to you photos & comments regarding what work needs to be done at those sites along with landowner contacts/telephone numbers. I look forward to assisting you in this matter.

As for the wells in Grand County, you will need to submit a Sundry Notice/Form 9 for each well outling how the wells will be plugged & abandoned for Division approval. If you have any questions, you may call me at (801) 538-5296 or Dan Jarvis at (801) 538-5338. Bart Kettle will most likely oversee plugging/reclaim at those sites, he can be reached at (435) 613-1146/ext 205

Thanks for your patience & help!

CC: Bart Kettle; Dan Jarvis; Don Staley; Earlene Russell

Exxon Mobil Corporation
May 26, 2005

API No.	Operator	Well Name	Well Type	Status	Bond No.	Qtr/Qtr	Sec.	Twn.		Rng.		County
43-019-31227	Exxon Mobil Corporation	EPR Sego Canyon 1	TW	I	83028025	NWNW	27	20	S	20	E	Grand
43-019-31232	Exxon Mobil Corporation	EPR Sego Canyon 2	TW	I	83028025	NWNW	27	20	S	20	E	Grand
43-043-30014	Exxon Mobil Corporation	UPRC C-2	OW	PA	83028025	SENW	35	2	N	6	E	Summit
43-043-30274	Exxon Mobil Corporation	UPRR B-1	NA	PA	83028025	NWSE	25	1	N	4	E	Summit
43-043-30287	Exxon Mobil Corporation	UPRC 3	OW	LA	83028025	NWSE	17	2	N	7	E	Summit
43-043-30294	Exxon Mobil Corporation	UPRC C-1	GW	PA	83028025	NESW	35	2	N	6	E	Summit
43-043-30299	Exxon Mobil Corporation	UPRC D 1	D	PA	83028025	NWNW	17	3	N	8	E	Summit

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod [redacted]

Inspection Tracking | PA/Rec.

API Well No. 43-019-31227-00-00 Owner [redacted] County [redacted]

Well Name [redacted]

Wl Typ [redacted] Felty/Proj [redacted] Well Status [redacted]

Well S-T-R [redacted]

Directions

Inspect No. [redacted] Type Production/Environmental Purpose Administrative Request Responsible Company EXXON MOBIL CORPORATION

Violation? ☐ SNC? ☐

Notification Type

Write Violation

Date Inspected 05/24/2005

Date NOV

Date RmdyReq

Date Extension

Date Passed

COMMENT

Well is located about 15' north of the EPR Sego Canyon 2, at the time of visit the well was covered by brush and took several tries to find even knowing about where it was. Cleaned some of the brush away from the casing, but it will be covered again by the end of the summer. Casing is about 18" above the surface and has a cap sewed on it, no marker or well information. Should use GPS unit to find both this well and the EPR Sego Canyon 1 as there are little visibale indications of these wells from the main road (total depth previously reported to DOGM 120').

Failed Items

Fail Code	Status	Description

Comply# Incident# Inspector Bart Kettle Duration

Record: 1 of 6 (Filtered)

Form View FLTR NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | WELL INSPECTIONS | 10:59 AM

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod [redacted]

Inspection Tracking | PA/Rec.

API Well No. 43-019-31232-00-00 Owner [redacted] County [redacted]

Well Name [redacted]

Wl Typ [redacted] Fcity/Proj [redacted] Well Status [redacted]

Well S-T-R [redacted]

Directions

Inspect No. [redacted] Type Production/Environmental Purpose Administrative Request Responsible Company EXXON MOBIL CORPORATION

Violation? ☐ SNC? ☐

Notification Type

Write Violation

Date Inspected 05/24/2005

Date NOV

Date RmdyReq

Date Extension

Date Passed

COMMENT

Casing and conductor clearly visiable, casing is open to the surface and does not appear to have been plugged. About 120' to fluid, no oil or salt stains around the well. Location has been over grown by black greasewood and flourwing saltbrush, UTM coordinates should be used to find well, there are few indications of the location from the main road (total depth previously reported to DOGM 2236', PBTD 1680').

Failed Items

Fail Code	Status	Description

Comply# Incident# Inspector Bart Kettle Duration

Record: 1 of 2 (Filtered)

Form View

FLTR NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | WELL INSPECTIONS | 10:58 AM

GWPC's RBDMS - Utah - [BONDS]

File Edit Forms Reports View Records Admin Window Help

Company

Bonds

Date Mod [redacted]

General | Wells

Record Number: 1649

Purpose: Plugging Bond

Typ Instrument: Surety Bond-blanket

Amount: $80,000

Incremental Amount:

Maximum No. of Wells:

Rating: A++

Bond Status: Active

Guarantor: FEDERAL INSURANCE COMPANY

Bond No.: 83028025

Phone: [redacted] X [redacted] TaxID: [redacted]

Operator: EXXON MOBIL CORPORATION # [redacted]

DATES

Approval: 09/18/2000 Released: Cancel:

Effective: 07/28/2000 Expire: Renewal:

Multiple Operators: ☐

HOLDS

Record#	Hold Type	Reason	Begin Dt	End Dt	Description
[redacted]					

NOTES

REPLACES BOND 5101159 FOR EXXON CORP and EXXON MOBIL CORP. REVIEWED 5/16/02

Record: 2 of 2 (Filtered)

Form View

FLTR NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | BONDS | 9:16 AM

GWPC's RBDMS - Utah - [BONDS]

File Edit Forms Reports View Records Admin Window Help

Company **Bonds** Date Mod: [redacted]

General | Wells

Wells on Bond

API Well No.	Well Name	Operator	Legal	Status:
43-019-31227-00-00	EPR SEGO CANYON 1	EXXON MOBIL CORPORATIC	27 20S 20E S	I
43-019-31232-00-00	EPR SEGO CANYON 2	EXXON MOBIL CORPORATIC	27 20S 20E S	I
43-043-30014-00-00	UPRC C-2	EXXON MOBIL CORPORATIC	35 2N 6E S	PA
43-043-30274-00-00	UPRR B-1	EXXON MOBIL CORPORATIC	25 1N 4E S	PA
43-043-30287-00-00	UPRC 3	EXXON MOBIL CORPORATIC	17 2N 7E S	LA
43-043-30294-00-00	UPRC C-1	EXXON MOBIL CORPORATIC	35 2N 6E S	PA
43-043-30299-00-00	UPRC D 1	EXXON MOBIL CORPORATIC	17 3N 8E S	PA
*				

[redacted]

Record: 1 of 2 (Filtered)

Form View FLTR NUM

Start | Novell-delivered App... | OIL & GAS INFORMA... | Well Selection Criteria | BONDS | H:\WPDOCS\Reclam... | 10:12 AM

From: Lisha Cordova
To: dolores.o.howard@exxonmobil.com
Date: 5/18/2005 11:34:28 AM
Subject: Fwd: Re: Utah - Plugging Bond 8302-80-25

Dolores,

Sorry, I forgot to attach the code list, also attached is an updated list of wells, three Summit County wells were also removed from the list, they are 43-043-30102, 43-043-30263, and 43-043-30288.

Sorry for the confusion!

>>> Lisha Cordova 05/18/05 11:18 AM >>>
Hi Dolores,

Sorry I keep missing your phone calls.

In response to your questions:

1) Bond #1267 is an internal database number not the actual bond number.

2) I researched the other 4 (non Summit County) wells on the list and 3 of them have been cleared, they are 43-039-30019, 43-047-30213, and 43-051-30008, no additional work is required for those sites/wells. The well located in "Grand County" 43-019-31227 needs add'l work, it was a rig-skid & may need add'l plugging operations. I will provide you with more information as it becomes available to me, I need to speak with the field inspector that visited the well site. 43-019-31232 #2

3 & 4) I have attached a list that describes well type codes & well status codes.

Let me know if you have any other questions and/or if you need my assistance.

>>> <dolores.o.howard@exxonmobil.com> 05/18/05 8:43 AM >>>
I do have a few questions about the data that you provided:

1) My records show bond #8302-80-25 and your spreadsheet lists bond #1267. Why is that?

2) Your spreadsheet lists 13 wells. Does work remain to be done on all 13 well sites before the bond can be released?

3) What does LA stand for under status? I think that PA is plugged & abandoned, but what is LA?

4) What are the different types? I think that TW is test well, OW-oil well, GW-gas well. But what is NA and D; what kind of wells are those?

thank you for your assistance,
Dolores

Dolores O. Howard

Senior Regulatory Specialist, ExxonMobil Production Company, USP,
281-654-1929, 262-313-3767 (fax), dolores.o.howard@exxonmobil.com,
CORP-MI-P046A
P. O. Box 4358, Houston, TX 77210-4358 or 14950 Heathrow Forest Parkway,
Houston, Texas 77032 (overnight address)

"Life would be infinitely happier if we could only be born at the age of 80
and gradually approach 18" Mark Twain

"Lisha Cordova"
<lishacordova@utah.gov> To: <dolores.o.howard@exxonmobil.com>
cc:
Subject: Re: Utah - Plugging Bond 8302-80-25

05/16/05 01:52 PM

Hi Dolores,

Attached is a complete list of wells associated with Exxon Corporation
& the referenced bond.

I am handling all of the Summit County wells and have attached a list
with comments & contact names for landowners, etc, and I have attached
photos of the sites for your review.

There are 4 non Summit County wells on the list, if you need additional
information on them let me know.

Thank you for your help in getting these sites reclaimed/released.

Lisha Cordova
Petroleum Specialist
Div. of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
(801) 538-5296
lishacordova@utah.gov

>>> <dolores.o.howard@exxonmobil.com> 05/13/05 2:50 PM >>>
I'm sorry I missed your return call the other day.

I have been reviewing Mark Bolton's files and I'm trying to determine
the
correct identity of all wells that affect Bond 8302-80-25.

Can you provide the well name, company name, and API of the wells
involved.

Dolores O. Howard
Senior Regulatory Specialist, ExxonMobil Production Company, USP

"Federal and state regulations require accurate submittal of all permits
prior to commencement of work and timely follow-up reports. Failure to comply with regulations places ExxonMobil in jeopardy of receiving civil
and criminal penalties, Notices of Violation (NOV's), Incidents of NonCompliance (INC's), production shut-in, loss of credibility and/or negative publicity. Permitting Group appreciates your assistance in providing requested data."

281-654-1929, 262-313-3767 (fax), dolores.o.howard@exxonmobil.com, CORP-MI-P046A
P. O. Box 4358, Houston, TX 77210-4358 or 14950 Heathrow Forest Parkway,
Houston, Texas 77032 (overnight address)

"Life would be infinitely happier if we could only be born at the age of 80
and gradually approach 18" Mark Twain

CC: Dan Jarvis

Exxon Corporation (N0420)
Bond Release Request
Joel Talavera/Field Insp. (970) 749-1298)
Mark Bolton/Admin. (281) 654-1946

Insp. 7/19/04 (Lisha, Joel, Siv & Jennifer)
UPRC 3/43-043-30287 – Elkhorn Field/Need to reclaim pit & add'l reclaim requested.
Landowner – Edward L. Gillmor (Deceased) *Land in Probate
Richard Skeen, Atty (Gillmor Estate) – 578-6928
Richard Hall, Atty (Stoel Rives) – 578-6960
Contact - Siv Gillmor (2nd wife), Charles Gillmor (son) or **Jennifer Larsen** (daughter) 801-231-5794 (hm) or 801-733-7439 (cell).
Contact - Luke Gillmor (son/1st wife) 801-364-3976

Insp. 7/19/04 (Lisha, Joel, Earl)
UPRC C-1/43-043-30294 – Lodgepole Field/Need landowner release (3 jts csg, water well, & septic tank).
UPRC C-2/43-043-30014 – Citation needs to assume surface reclamation liability (Lodgepole Central Tank Battery).
Landowner – Helen Judd – 435-640-3839
Contact – JaNae (daughter) & **Earl Blonquist** (son-in-law) 435-336-2686
Citation Land Dept. – Tommy Deiss 281-517-7192
Citation Field Office – Val Meadows 435-336-5631 or 435-640-0559 (cell).

Insp. 7/20/04 (Lisha, Joel, Lorin)
UPRR D 1/43-043-30299 – Yellow Creek Gate/Landowner req. add'l seed (rows running N/S, original rows run E/W) & Russian Thistle control/spray.
Landowner – Lorin Moench 801-364-0099

Insp. 7/20/04 (Lisha, Joel, John Flemming)
UPRR B-1/43043-30274 – Wanship/Landowner will release liability (access road), however req. add'l grading, re-contouring, topsoil, & seed.
Landowner – The Bact Ltd Partnership / Clement Tebbs, Reg. Agent.
John Tebbs (Clements' son) - 801-259-5566 mobile or john@bonnevillebuilders.com.
Contact – **John Flemming**/Surrey Ridge Dev. Project Mgr 801-259-3161

From: Lisha Cordova
To: Michael Hebertson
Subject: Exxon Corporation (N0420)

Hi Mike,

Listed below are wells plugged by Exxon that need add'l reclaim or other follow-up before their bond can be released. I will let you know when they have been resolved. I last spoke to Exxon/Mark Bolten 3/8/05.

UPRC 3 / 43-043-30287
Needs pit & add'l site reclaim. Edward Gillmor (deceased) land in probate, Exxon & surviving landowners & their attorneys (two separate families) in the process of trying to resolve.

UPRC C-1 / 43-043-30294
3 jts of casing, water well (no water right/appropriation), & septic tank at location. Waiting on landowner/Helen Judd release (Exxon is going to prepare paperwork for l/o signature), no add'l reclaim required.

UPRC C-2 / 43-043-30014
PA'd well located at Citations "Lodgepole Field/Central Tank Battery". Exxons' land department & Citations' land department are researching records to see who is officially responsible for reclaim. Citation may have to officially assume responsibility.

UPRR B-1 / 43-043-30274
Landowner/The Bact Ltd Partnership "Clement Tebbs" willing to release reclaim liability for access road (currently developing homes in area/Surrey Ridge Dev. Project), but requested add'l reclaim to pad. Exxon & landowner in the process of trying to resolve.

CC: Dan Jarvis

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____

_____

(Loc.) Sec____Twp____Rng____

(API No.) _____

☐ Suspense

(Return Date) _____

(To-Initials) _____

☐ Other

Exxon

1. Date of Phone Call: 5-9-05 Time: 11:00

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Dolores Howard (☐ Initiated Call) - Phone No. (281) 654-1929

of (Company/Organization) _____

3. Topic of Conversation: _____

4. Highlights of Conversation:

msg. ans. machine

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____ ☐ Suspense (Return Date) _____ (To-Initials) _____ ☐ Other _____

(Loc.) Sec ____ Twp ____ Rng ____

(API No.) _____

1. Date of Phone Call: March 8, 2005 Time: 11:30

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Mark Bolten (☐ Initiated Call) - Phone No. (281) 654-1946

of (Company/Organization) Exxon Corp.

3. Topic of Conversation: Current status of reclaim, see list

4. Highlights of Conversation:

msg. left on ans. machine.

3/11/05 Exxon will try to get the well sites cleared up this spring / summer, some need releases from landowners only, UPRC 3 needs pit reclaim.

Dolores Howard (281) 654-1929 is taking over Mark Boltens' duties, make future calls to her.

UPRC D-1 Exxon not planning add'l reclaim, meets the Div.'s minimum restoration requirement.

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____ ☐ Suspense ☐ Other

(Return Date) _____

(Loc.) Sec ____ Twp ____ Rng ____ (To-Initials) _____

(API No.) _____

1. Date of Phone Call: Nov. 2, 2004 Time: 2:00

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)

Talked to:

Name Mark Bolten (☐ Initiated Call) - Phone No. (281) 654-1946

of (Company/Organization) Exxon

3. Topic of Conversation: Updates?

4. Highlights of Conversation:

He will pass on info. again to their land, production & exploration departments, says any reclaim will most likely be summer/fall 05'.

He will try to get their land dept. to work on getting UPRC 1 & 2 cleared.

He will notify me of any updates & will keep in touch with me on a monthly basis until resolved.

From: Lisha Cordova
To: Dan Jarvis
Date: 9/30/2004 12:43:38 PM
Subject: Exxon

Hi Dan,

FYI - I just spoke with Mark Bolten, he is still trying to get all of Exxons' departments (production, exploration, & land) involved with reclamation & release of liability, to get the necessary release of liability paperwork together for two sites (UPRC C1 & C2/Helen Judd & Citation), and reclaim plan for two sites (UPRC 3/Gillmor & UPRR B1/Bact Ltd Partnership). He says you released any further liability (reclaim) for Lorin Moenchs' UPRR D1, did you? If so, I'll let Lorin know. He is also working on any other sites outside of Summit County.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____ ☐ Suspense ☐ Other

(Return Date) _____

(Loc.) Sec ____ Twp ____ Rng ____ (To-Initials) _____

(API No.) _____

1. Date of Phone Call: 9/30/04 Time: 10:45

2. DOGM Employee (name) L. Cordova (☒ Initiated Call)
Talked to:
Name Mark Bolton (☐ Initiated Call) - Phone No. (281) 654-1946
of (Company/Organization) Exxon

3. Topic of Conversation: Need follow up info. to onsite inspections conducted with landowners & Exxon rep. "Joel Talavera" in July 2004.

4. Highlights of Conversation:

Exxon still trying to get their parties involved (production dept, exploration dept. & land dept) to come together to get the reclam issues resolved.

He's going to focus on the UPRC C1 & C2 first since it only involves their land dept. He's pushing to get the reclam on UPRC 3 completed by end of year. UPRB1 to follow.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____ ☐ Suspense ☐ Other

(Return Date) _____

(Loc.) Sec ____ Twp ____ Rng ____ (To-Initials) _____

(API No.) _____

1. Date of Phone Call: 9-21-04 & 9/29/04 Time: 9:30 / 12:20

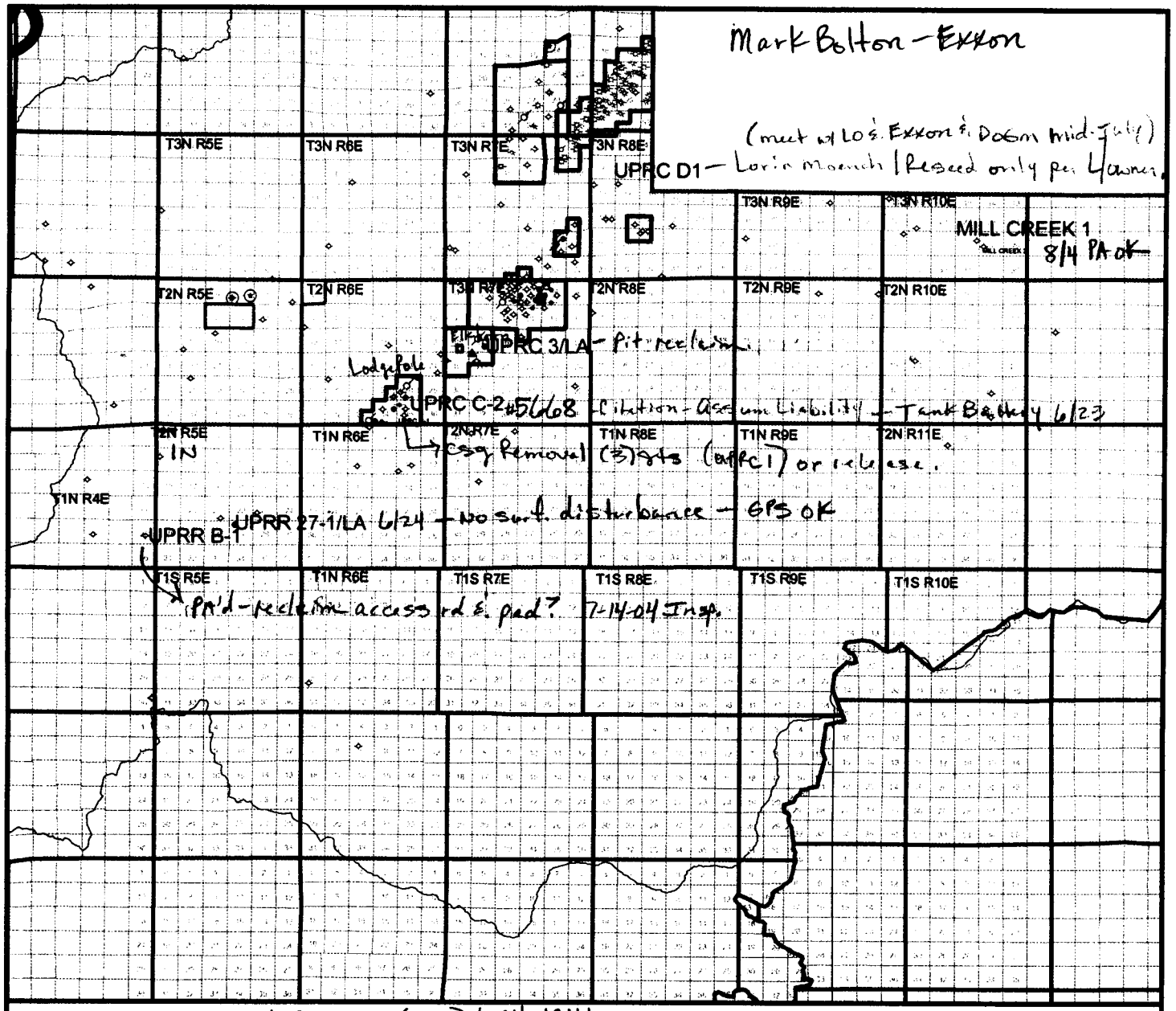
2. DOGM Employee (name) L. Cordova (☐ Initiated Call)
Talked to:
Name Joel Talavera (☐ Initiated Call) - Phone No. (970) 749-1298
of (Company/Organization) _____

3. Topic of Conversation: Need follow-up info. to onsite inspections conducted with landowners in July 2004.

4. Highlights of Conversation:
msg. ans. machine 9/30/04 Joel wrote up recommendation's & submitted to Mark Bolten 281-654-1946, Exxons Prod. Dept. Waiting for response

9/21 Jennifer Larsen (WRC 3) Atty Skeen & Exxon agreed on full site reclaim. No contact since agreement, Jennifer will contact DOGM when they hear more.

Earl Blomquist (WRC 1 & 2) msg. ans. machine.



Exxon mark Bolten (281) 654-1946

Legend

7/7/04 Joel Talavere

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

County Boundary

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Sections

Utah Oil Gas and Mining

N
W E
S

Prepared by: Lisha Cordova
Date: June 22, 2004

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod 08/03/2004

Inspection Tracking | Press/Rest

Inspect No.	Type	Purpose	API Well No.	Date Inspected
iLC00000497	Bond Release	Administrative Request	43-043-30274-00-00	07/20/2004

Pressures

Actual Inj	Max Allowable	Annulus	FlowMeter

Hauler Number

Restoration — Check Denotes Compliance

- Pits Filled ☑
- Debris Removed ☑
- Production Equipment ☑
- Landowner Waiver ☐
- Drilling Equipment ☑
- Erosion Control ☑
- Roadways Restored ☐

Comments

Met with landowners' (The Bact Limited Partnership) rep. John Fleming & Exxon rep. Joel Talavera at site. Landowner will most likely want to keep access road, new homes being built in area (Surrey Ridge Development/John Fleming-Senior Project Mgr). Well pad mostly reclaimed, NE corner not revegatated-landowner wants it revegatated so that it blends in with the surrounding area, discussed removing caliche, recontour, topsoil, and reseed, see picture(s). Well is PA'd, 6' marker post w/op & well info. listed on side, cmt cellar left in place. Pit, SW corner of pad reclaimed-was unlined & buried trash per well file-aprv by DOGM, discussed at site. Landowner interested in info. pertaining to water encountered during drilling, will review file & call him back. Exxon/The Bact Limited Partnership will negotiate a reclamation plan and will notify DOGM of outcome.

Record: 1 of 5 (Filtered)

Comments FLTR NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | WELL INSPECTIONS | 6:07 PM

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod 07/15/2004

Inspection Tracking | Press/Rest

Inspect No.	Type	Purpose	API Well No.	Date Inspected
iLC00000485	Bond Release	Administrative Request	43-043-30274-00-00	07/14/2004

Pressures

Actual Inj	Max Allowable	Annulus	FlowMeter

Hauler Number

Restoration — Check Denotes Compliance

- Pits Filled ☑
- Debris Removed ☑
- Production Equipment ☑
- Landowner Waiver ☐
- Drilling Equipment ☑
- Erosion Control ☑
- Roadways Restored ☐

Comments

Surface owner is "The Bact Limited Partnership" per Summit County Recorder. Left msg w/Clement Tebbs "registered agent" 6/25, 7/7, & 7/13/04 & msg w/John Tebbs (Clements' son) 7/13/04, needed access thru locked gate to wellsite, no return calls received. 7/14/04 well is located off I-80 eastbound, Ranch Exit (before Wanship), east off Promontory Ranch Rd. Drove to locked gate w/sign posted that said Rockport Ranches, private property. Walked approx. 1/2 mile to wellsite. The main road in is not reclaimed, there are other roads in the area, the access road to the wellsite is not reclaimed but is somewhat overgrown with native weeds & grasses. The well is PA'd, 6' marker post w/well description on side. Pit is reclaimed, all equipment removed, and pad is sparcely revegetated w/sage brush & native grasses, see pictures.

Record: 2 of 5 (Filtered)

Actual Injection Pressure

NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | WELL INSPECTIONS | 5:43 PM

From: Lisha Cordova
To: john@bonnevillebuilders.com
Subject: UPRR B1/43-043-30274

Hi John Tebbs,

An Exxon Corporation representative "Joel Talavera (970)749-1298" will be visiting Utah next Monday the 19th & Tuesday the 20th. He will be here to meet with surface owners of properties where Exxon has plugged and abandoned wells to discuss surface reclamation at well sites. The well located on property owned by "The Bact Limited Partnership, Registered Agent Clement F. Tebbs (your father)" is:

UPRR B-1 / API No. 43-043-30274
NWSE Sec. 25, Township 1 North, Range 4 East, Summit County, Utah
Drilling was completed on 2/8/86, total depth 16,259', plugged & abandoned 5/2/86.

I visited the site on July 14, 2004, the well is plugged and abandoned, the reserve pit has been reclaimed, and all drilling equipment has been removed. The only issue the Division has at this time is surface reclamation. The road to the location has not been reclaimed, the well pad is somewhat revegetated.

We would like to meet with you on Tuesday the ~~19th~~ 20th to discuss surface reclamation at the well site. If you have a "surface use agreement" with Exxon, please bring a copy with you. We will plan on meeting you off of I-80, Ranch Exit, at the gate (1st building) on Promontory Rd at 12:00 or 1:00, sorry I can't be more specific with the time but we will be coming from another appointment in the Coalville area. If you cannot make it to the meeting please call and leave a message on my work answering machine (801)538-5296 or call me at home (801)280-7263 this weekend, and/or call me on my cell (801)554-6574.

Thank you, I look forward to meeting you!

Lisha Cordova
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
(801)538-5296

801-259-3161 Cell # John Fleming 7-20-04/12:00

PARCEL OWNERSHIP QUERY SUMMIT COUNTY DATE: 06/22/04

SERIAL NUMBER	ACCOUNT	YEAR	ACREAGE	DIST	PARCEL ADDRESS
NS-88	0092951	2003	530.00	18	

OWNER: BACT LIMITED PARTNERSHIP

TAX NOTICE MAILED TO: BACT LIMITED PARTNERSHIP
4884 S 900 E STE 208
SALT LAKE CITY UT 84117

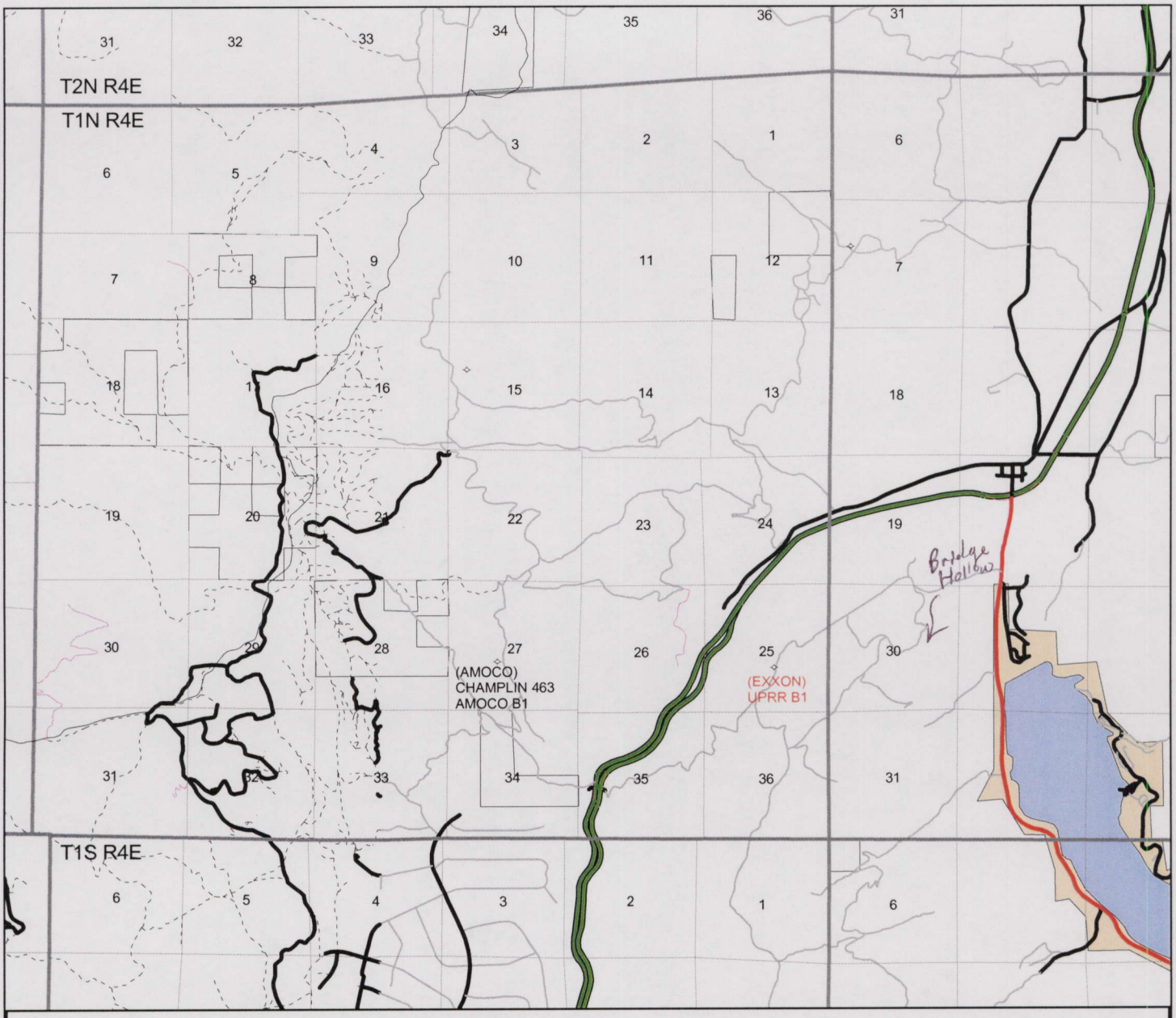
BOOK: 01543 PAGE: 00700
ENTRY NUMBER: 00662253

P A R C E L D E S C R I P T I O N :

SEC 25 T1NR4E SLBM CONT 640 AC
LESS 36.15 AC IN SEC 24 & 25 T1NR4E
LYING ON W'LY SIDE R/W I 80
M32-54) WWD-321 M50-659 M56-426
M34-138 597-33 646-310
(REF:991-474) 1155-548 (1400-874;
1543-700
LESS 20.74 AC TO RR R/W
LESS THAT PORTION OF NW1/4 & W1/2 SW1/4
BAL APPROX 530.0 AC (CONTRACTS M32-40 &
M14-350-562 M19-570 VWD-515 UWD-143
647-459-463-467-471 780-556-561
1543-682-691) (SEE NOTICE OF INT 1434-1)

Wanship, East of I-80

6/25/04 msg. Clement Tebbs
7/7/04 "
7/13/04 " & John Tebbs (Clements' Son)
7/16/04 John Tebbs
7/20/04 John Flemming 4/0 Rep. 259-3161



Legend

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

County Boundary

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Sections

Utah Oil Gas and Mining

N
W E
S

Q1223 Wanship

Prepared by: Lisha Cordova
Date: June 25, 2004

Utah Department of Commerce

Business Entity Search

?Help

Name	Type	City	Status
BACT LIMITED PARTNERSHIP, THE	Limited Partnership	Salt Lake City	Active

Business Name:	BACT LIMITED PARTNERSHIP, THE
Entity Number:	5115364-0180
Registration Date:	04/30/2002
State of Origin:	

Address

4885 S 900 E STE 208
Salt Lake City, UT 84117

Status

Status:	Active
Status Description:	Good Standing
This Status Date:	04/30/2002
Last Renewed:	03/16/2004
License Type:	Limited Partnership - Domestic
Delinquent Date:	04/30/2005

Registered Agent

Registered Agent:	CLEMENT F TEBBS
Address Line 1:	4885 S 900 E STE 208
Address Line 2:	
City:	Salt Lake City
State:	UT
Zip:	84117

263-1404 Bus. * John Tebbs (Son)
292-0583 Res. 259-5566 mobile

Additional Information

NAICS Code:	9999
NAICS Title:	9999-Nonclassifiable Establishment

With this information, you can...

Purchase Certificate of Existence

If you would like to purchase a Certificate of Existence for this business entity, select the button to the left. You will be assessed a **$12.00 fee** for this service. You will need Adobe Reader to view this certificate. If you do not have Adobe Reader, click on the button below and download it.

Get Adobe Reader

Access Principal Information

If you would like to receive information on the principal individuals associated with this entity, click the button on the left. You will be assessed a **$1.00 fee** for this information.

Cancel | Do Another Search

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OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS DATABASE QUERY

Well Data

WELL SEARCH | WELL DATA | WELL HISTORY | WELL ACTIVITY

WELL NAME: UPRR B-1
API NUMBER: 4304330274
WELL TYPE: NA
WELL STATUS: PA

OPERATOR: EXXON CORPORATION
ACCOUNT: N0420 #
OPERATOR APPROVED BY BLM / BIA ☐

DESIGNATED OPERATOR:
ACCOUNT:

FIELD NAME: WILDCAT
FIELD NUMBER: 1
FIRST PRODUCTION:
LA | PA DATE: 5 2 1986

WELL LOCATION:

SURF LOCATION: 1858 FSL 1997 FEL

Q. S. T. R. M.: NWSE 25 01.0 N 04.0 E S

COUNTY: SUMMIT

UTM Coordinates:

SURFACE - N: 4515213.00
BHL - N:
SURFACE - E: 462719.00
BHL - E:

LATITUDE: 40.78897

LONGITUDE: 111.44187

CONFIDENTIAL FLAG ☐
CONFIDENTIAL DATE:
DIRECTIONAL | HORIZONTAL:
HORIZONTAL LATERALS:
ORIGINAL FIELD TYPE: W
WILDCAT TAX FLAG ☐
CB-METHANE FLAG ☐
ELEVATION: 6798' GR
BOND NUMBER / TYPE: 83028025 4

LEASE NUMBER: FEE
MINERAL LEASE TYPE: 4
SURFACE OWNER TYPE: 4
INDIAN TRIBE:
C.A. NUMBER:
UNIT NAME:

CUMULATIVE PRODUCTION:

OIL: 0
GAS: 0
WATER: 0

WELL IMAGES | PRODUCTION GRAPH

COMMENTS: 860113 PROP TD FR 13200: Bact Limited Partnership - NS-88

Create New Rec | Save | Cancel Change | To History | To Activity | Print Recd | Export Recd

Srchwelldata_cursor Record: 1/1 Exclusive NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMAT... | Well Selection Criteria | 2:40 PM

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS DATABASE QUERY

Well Data

WELL SEARCH | WELL DATA | WELL HISTORY | WELL ACTIVITY

API NUMBER 4304330274 TYPE OF WORK DRILL UNIT NAME LEASE NUMBER FEE TYPE 4

APD DATA

APD RECEIVED	7 9 1985	PROPOSED DEPTH - APD	17000
APD APPROVED	7 15 1985	PRODUCING ZONE - APD	NGSD
APD EXTENSION DATE		PLANNED START DATE	
AUTH CODE	C-3(B)	WATER PERMIT	
PROPOSED WELL TYPE	OW	APD CONTACT	MELBA KNIPLING
SINGLE / MULTIPLE ZONES		CONTACT PHONE	
LOCATION SURF - APD	1858 FSL 1997 FEL	NEEDS RDCC REVIEW	
LOCATION ZONE - APD	1858 FSL 1997 FEL	RDCC REVIEW DONE	

SPUD DATES

DRY	8 6 1985
ROTARY	

SUNDRY REPORT

INTENT RECEIVED	
WORK COMPLETED	
WORK CANCELED	

WELL COMPLETION & SUBSEQUENT SUNDRY DATA

LOGS RUN: GR-DM-SHDT-SIESMIC, VELOCITY SURVEY-DIF-CALIPER,

REPORT RECEIVED	5 14 1986	PRODUCING ZONE		DATE FIRST PRODUCED		CHOKE	
LOCATION AT TD	1858 FSL 1997 FEL	MULT. ZONES COMPL.		TEST DATE		TUBING PRES.	
DIRECT. | HORIZ.		DIR SURV. | CORED | DST	n n	OIL - 24HR TEST	0	CASING PRES.	
LATERALS COMPL.		COMPLETION METHOD		GAS - 24HR TEST	0	API GRAVITY	00.00
COMPLETION DATE	2 8 1986	WELL STATUS	PA	WATER - 24HR TEST	0	BTU - GAS	
TD - MD | TVD	16259 16259	WELL TYPE	D	TEST METHOD		GAS-OIL RATIO	0
PBTD MD | TVD		PERFORATIONS					

COMMENTS: Also ran BGT, DLL, BAGR, DNGR.

Get History | Create New Rec | Save | Cancel Change | Next Rec | Prev Rec | Print Recd | Export Recd

P V1 D V2 X

Whistorycursor Record: 1/1 Exclusive NUM CAPS

Start | Novell-delivered Applicati... | OIL & GAS INFORMAT... | Well Selection Criteria | 9:42 AM

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod 10/15/1999

Inspection Tracking | Press/Rest

API Well No. 43-043-30274-00-00 Owner EXXON CORPORATION County SUMMIT

Well Name UPRR B-1

Wl Typ Unknown Fclty/Proj NA Well Status Plugged and Abandoned

Well S-T-R S: 25 T: 1N R: 4E

Directions

Inspect No. UNK016990 Type Plugging Purpose Responsible Company 80420 EXXON CORPORATION

Violation? SNC?

Notification Type

Write/View Violation

CMMNT

INSPECTED BY TGG/CR. OK.

Need final insp.

Date Inspected 08/21/1986

Date NOV

Date RmdyReq

Date Extension

Date Passed

Failed Items

Fail Code	Status	Description

Comply# Incident# Inspector TGG/CR Duration

Record: 1 of 2 (Filtered)

Form View FLTR NUM

start Novell-delive... Novell Group... Well Selectio... RBDMSX 200... WELL INSPE... 1:42 PM

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry
2. NAME OF OPERATOR: Exxon Corporation
3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1858' FSL and 1997' FEL of Sec. 25 (NW SE)
5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: U.P. RR "B"
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 T1N-R4E
12. COUNTY OR PARISH: Summit
13. STATE: Utah
14. PERMIT NO.: 43-043-30274
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6798 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please approve the following procedure to plug and abandon subject well:

60' - surface - 50 sx CL "H"
3550' - 3396' - 60 sx CL "H" 2% $CaCl_2$
6884' - 6730' - 60 sx CL "H" 2% $CaCl_2$
9277' - 9122' - 60 sx CL "H" 3/10% HR-5
11762' - 11511' - 75 sx CL "H" 4/10% HR-5
14335' - 13933' - 75 sx CL "H" 35% Silica 6/10% HR-5

(a) Howco EZ drill retainer set @ 14,335'
(1) 56 sx cmt. above retainer-19 sx below.

CONFIDENTIAL

RECEIVED
APR 28 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Section Head DATE 4-23-86

(This space for Federal or State office use)

APPROVED BY ____ TITLE ____ DATE ____

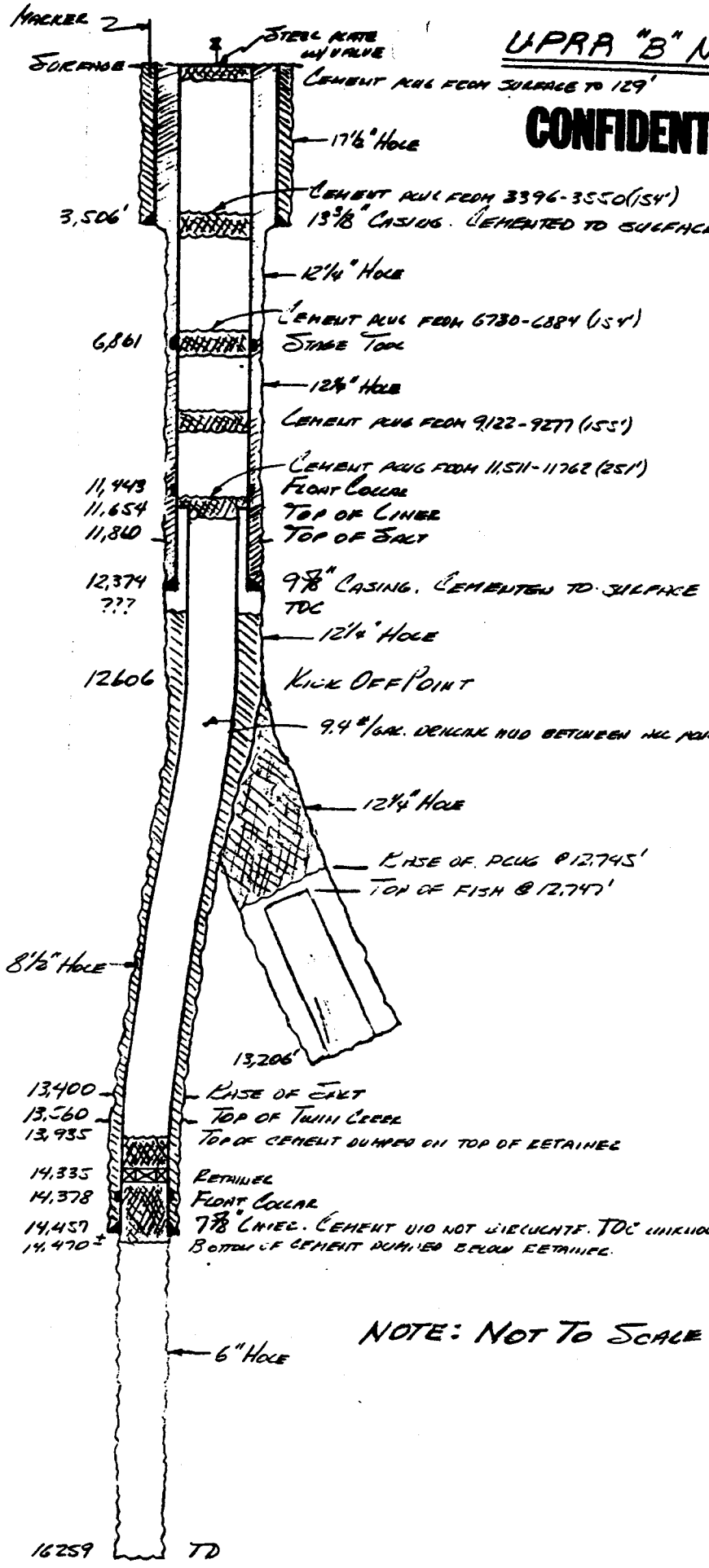
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-6-86
BY: John R. Baza

*See Instructions on Reverse Side

UPRR "B" No. 1

CONFIDENTIAL



NOTE: Not To Scale

SFH
2-10-86
Revised

Form OGCC-3

CONFIDENTIAL 10

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: 1858' FSL and 1997' FEL of Sec. 25 (NW SE)

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: U.P. RR "B"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 25-T1N-R4E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-043-30274	7-15-85	Summit	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-6-85	2-2-86	2-8-86	GL-6798' KB-6816'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16,259'	P&A		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Dry-P&A 5-2-86 PA'd

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-Dipmeter-SHDT-Siesmic Velocity Survey-~~DIL~~ DIE-Caliper DLL BA JR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	68	3506	17 1/2	2600 sx ClH-Lite-400 sx ClH	0
9 5/8	47-53.5	12372	12 1/4	1750 sx Cl Lite-2700 sx ClH	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8	11654	14457	1200 sx ClH	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (*Interval, size and number*)

(See Attachments for Sidetracks and Plugs.)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

860519 cp

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Melba Knipling TITLE Section Head DATE 5-2-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 15, 1985

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

Attention: Melba Knipling

Gentlemen:

Re: Well No. U. P. RR "B" 1 - NW SE Sec. 25, T. 1N, R. 4E
1858' FSL, 1997' FEL - Summit County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

2. The operator shall notify the Division within 24 hours of excavation of the reserve pit in order to allow inspection and determine the need for a pit liner.

3. Emergency notification list shown in Part G, Appendix A of H_2S contingency plan shall be prepared and submitted to the Division prior to implementation of the plan.

4. Blowout prevention equipment with a minimum of 5000 psi working pressure should be used after drilling out of 13 3/8" casing.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30274.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

Form OGC-1a

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

5. Lease Designation and Serial No.
Fee Lease

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name
U.P. RR "B"

2. Name of Operator
Exxon Corporation Attn: Melba Knipling

RECEIVED

9. Well No.
1

3. Address of Operator
Box 1600, Midland, Texas 79702

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1858' FSL and 1997' FEL of Sec.

JUL 09 1985

DIVISION OF OIL GAS & MINING

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 25-1N-4E

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
22 miles NE of Salt Lake City

12. County or Parrish
Summit

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1858'

16. No. of acres in lease 640

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. None

19. Proposed depth 13,200'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
6798' GR

22. Approx. date work will start*
Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94	40'	Redi-mix to surface
17 1/2"	13 3/8"	61 & 68	3200'	4550 cu ft.
12 1/4"	9 5/8"	43.5, 47 and 71.8	11200'	2350 cu ft.
7 7/8"	5"	23.06 & 23.2	13200'	900 cu ft.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/15/85
BY: John R. Baza
WELL SPACING: C-3 (B)

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

24.

Signed Melba Knipling Title Unit Head Date 7-5-85

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

WILLI M H. SMITH & ASSOCIA ES P.C.

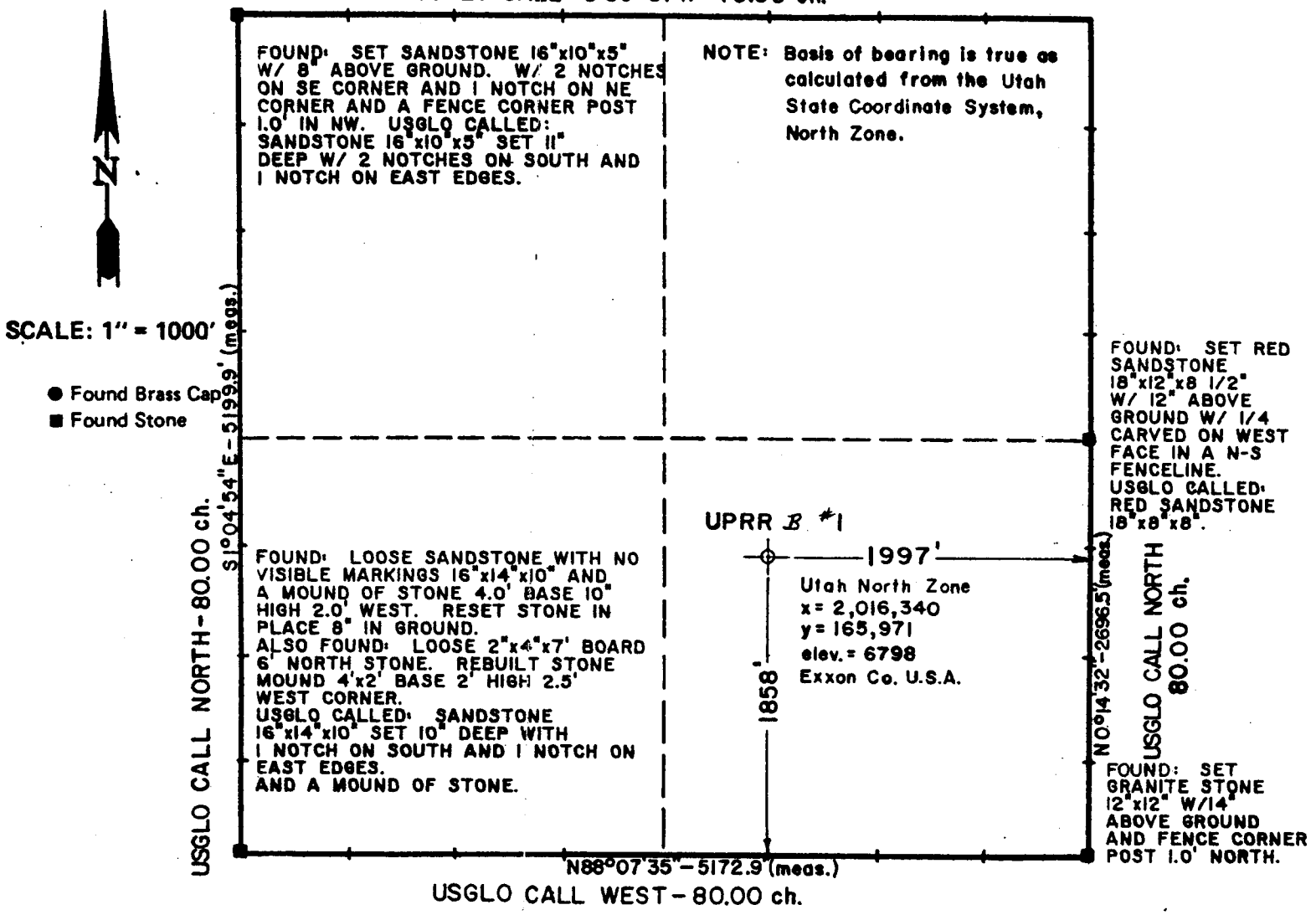
SURVEYING CONSULTANTS

POST OFFICE BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2 NORTH
PHONE 307-875-3638

T 1N R 4E

USGLO CALL S 89°51'W - 79.90 ch.



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Tom Walsh of Denver, Colorado for Exxon Company U.S.A., Randy Rowley under my supervision and direction made a survey on the 20th day of June, 1985 for location and elevation of the UPRR B #1. As shown on the above map, the wellsite is in the SE/4 of Section 25, Township 1 North, Range 4 East of the SLB & M, Summit County, State of Utah. Elev. is 6798 feet ungraded ground. Datum USC & GS 1929 and USGS elevation of vertical angle control point "SON" being 7149.2 feet.

Reference Point	North 300'	Set Typ. 5/8"x24" rebar w/Lath & Flag.	Elev. Top Rebar 6758.7'
Reference Point	East 300'	Typ. Monument	Elev. Top Rebar 6770.0'
Reference Point	South 300'	Typ. Monument	Elev. Top Rebar 6774.4'
Reference Point	West 300'	Typ. Monument	Elev. Top Rebar 6776.7'

By: SME

Job No. 85045.000

William H. Smith
R.L.S. NO. 2764

REGISTERED
WYOMING UTAH IDAHO
NEVADA NEW MEXICO ARIZONA
COLORADO

Exxon Corporation - Union Pacific Railroad B #1

NWSE Section 25, T1S, R4E

Summit County, Utah

Eight Point Plan

July 2, 1985

NOTE: This is not a Federal well. Plan required by State of Utah.

1. The estimated tops of important geologic markers:

Formations	Tops
Kelvin	500' (SS & SH)
Stump-Preuss	1,700' (SLST & SH)
Kelvin-Frontier	2,900' (SS & SH)
Stump-Preuss	9,100' (SLST, SH & SALT)
Twin Creek	10,700' (SH & LS)
Nugget	12,900' (SS)
TD	13,200'

2. The estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral bearing formation expected to be encountered are:

Formation/Type	Top	Bottom	How Protected
Fresh Water	0'	500'	13-3/8" surface casing at 3,200' cemented to surface.
Stump-Preuss/Salt	10,500'	11,100'	9-5/8" Intermediate casing at 11,200', cemented to 8,000'.
Nugget/Gas	12,900'	13,200'(TD)	5-1/2" Production Liner at TD, cemented to 10,000'.

3. Minimum Specifications for Pressure Control Equipment:

A. BOP:

(1) A type B Diverter system and a Type III flowline will be installed on the 20" conductor pipe.

(2) A type 4A BOP stack, a Type III flowline and a Fig V-2 choke manifold will be installed on 13-3/8" casing @ 3,200'. The accumulator unit will be located a minimum of sixty feet from the rig floor. (See Attachments)

B. Testing:

(1) The type B Diverter will be initially tested at 150 psi.

(2) The Type 4A BOP stack and all related equipment will be tested upon installation to 300 and 3,000 psi. Every 21 days the BOP stack and related equipment will be tested to 300 psi and 2,000 psi. If 9-5/8" casing is set, test pressure will be 300/5,000 psi initially and 300/3,000 psi thereafter. An operational test will be performed on the BOP stack on each round trip, but not more than once a day.

C. Wellhead Equipment:

Section	Lower Flange	Top Flange
A-Section	13-3/8" x Slip-on	13-5/8" x 3000 psi
B-Section	13-3/8" x 3000 psi	11" x 5000 psi
Tubinghead	11" x 5000 psi	7-1/16" x 5000
TH Adapter	7-1/16" x 5000 psi	2-1/16" x 5000
Tree	2-9/16" x 5000 psi	

4. Auxiliary Equipment and Proposed Casing Program:

A. Auxiliary equipment to be used:

a. A trip tank will be installed upon spudding well for flow detection on trips.

b. Upper and lower kelly cocks will be installed in the drill string at all times, and will be operated weekly.

c. Full opening ball type safety valves for each size and connection of drill pipe in use will be on the rig floor in the open position at all times.

d. A pit volume totalizer will be installed at mud-up to monitor mud pit gain (or losses) in steel pits.

e. An Otis nipple will be run in the drill string, two to three joints above the drill collars, for inside drill string well control.

B. Casing:

String	Size/Weight/Grade/Conn	Interval
Conductor	20" / 94# /H40 /STC	0- 40'
Surface	13-3/8"/ 68# /N80 /LTC	0- 300'
	13-3/8"/ 61# /K55 /STC	300- 3,200'
Intermdediate-Production	9-5/8"/ 47# /L80 /BTC	0- 1,700'
	9-5/8"/ 43.5#/L80 /LTC	1,700- 7,000'
	9-5/8"/ 47# /L80 /LTC	7,000- 9,400'
	9-5/8"/ 47# /Soo95/LTC	9,400-10,200'
	9-5/8"/ 71.8#/125 /LTC	10,200-11,200'
Production Liner	5" /23.06#/Soo95/LTC	10,000-11,200'
	5" /23.2# /P110 /LTC	11,200-13,200'

The 9-5/8" casing will not be set unless there is salt flow or other hole conditions that dictate the need. If it is not required, the production design will be a full string of 5".

Safety Factors used are equal to or greater than 1.125 for collapse, 1.312 for burst, and 1.5 for tension.

C. Cementing:

Casing	Depth	Cement Type	Approximate Slurry Volume	TOC
20"	40'	Redi-Mix	------	Surface
13-3/8"	3,200'	Lite (Lead)	4200 Ft^3	Surface
		Class H (Tail)	350 Ft^3	
9-5/8"	11,200'	Lite (Lead)	1800 Ft^3	8,000'
		Class H (Tail)	550 Ft^3	------
5"	13,200'	Class H	900 Ft^3	10,000'

Additives:

13-5/8" surface casing cement:
2% Calcium Chloride, Cellophane Flakes

9-5/8" Intermediate Production Casing Cement:
Lead - 0.1% Retarder
Tail - 0.2% Retarder

5" Production liner cement:
0.2% Retarder

D. Casing Test Procedures:

1. Surface Casing (8-5/8"): 3000 psi initially and 2000 psi thereafter (every 21 days).

2. Intermediate Production Casing: 5000 initially, 3000 psi thereafter (every 21 days).

3. Production Liner (5-1/2"): 5000 psi.

5. A. Circulating Medium Characteristics:

Interval	Mud Type	Weight (ppg)	FV (Sec/qt)	WL (cc/30 min)	pH
0- 3200'	Spud	-----	-----	-----	----
3200-10500'	FW Gel	8.8- 9.0	35-40	10-15	9.5-10.5
10500-11200'	SW Gel	9.0-10.0	35-40	10-15	9.5-10.5
11200-TD	FW Gel	8.8- 9.2	40-45	10-15	10.5+

B. Quantities of Mud and Weighting Material:

Quantity: Surface pits will be capable of handling approximately 500 bbls. Not less than 200 bbls will be in the surface mud pits at all times.

C. Mud System Monitoring:

1. Pit Volume Totalizer: Will be used to monitor mud pits.

2. Trip Tank: Trip tank will be used to keep hole full of fluid on trips and to monitor hole behavior on trips.

3. Mud Engineer: Engineer will check mud properties daily from 10,000' - TD.

6. Anticipated type and amount of logging, coring and testing:

Logging Program:

1. DIL/MSFL/GR/SP - Surface to TD
2. BHC/Sonic/GR/Cal - Surface casing (3200') to TD.
3. SHDT/Dipmeter - Surface casing (3200') to TD.
4. LDT/CNL/NGT/Cal - Intermediate Production casing to TD.
5. VDL/Waveform - Intermediate Production casing to TD.
6. Cyberlook- Intermediate Production casing to TD.
7. VSP - Surface to TD.
8. Mud Logger - Surface casing (3200') to TD.

Coring Program:

None Planned.

DST's

On Shows.

7. Expected Bottom Hole Pressures and Temperature or any Potential Hazards:

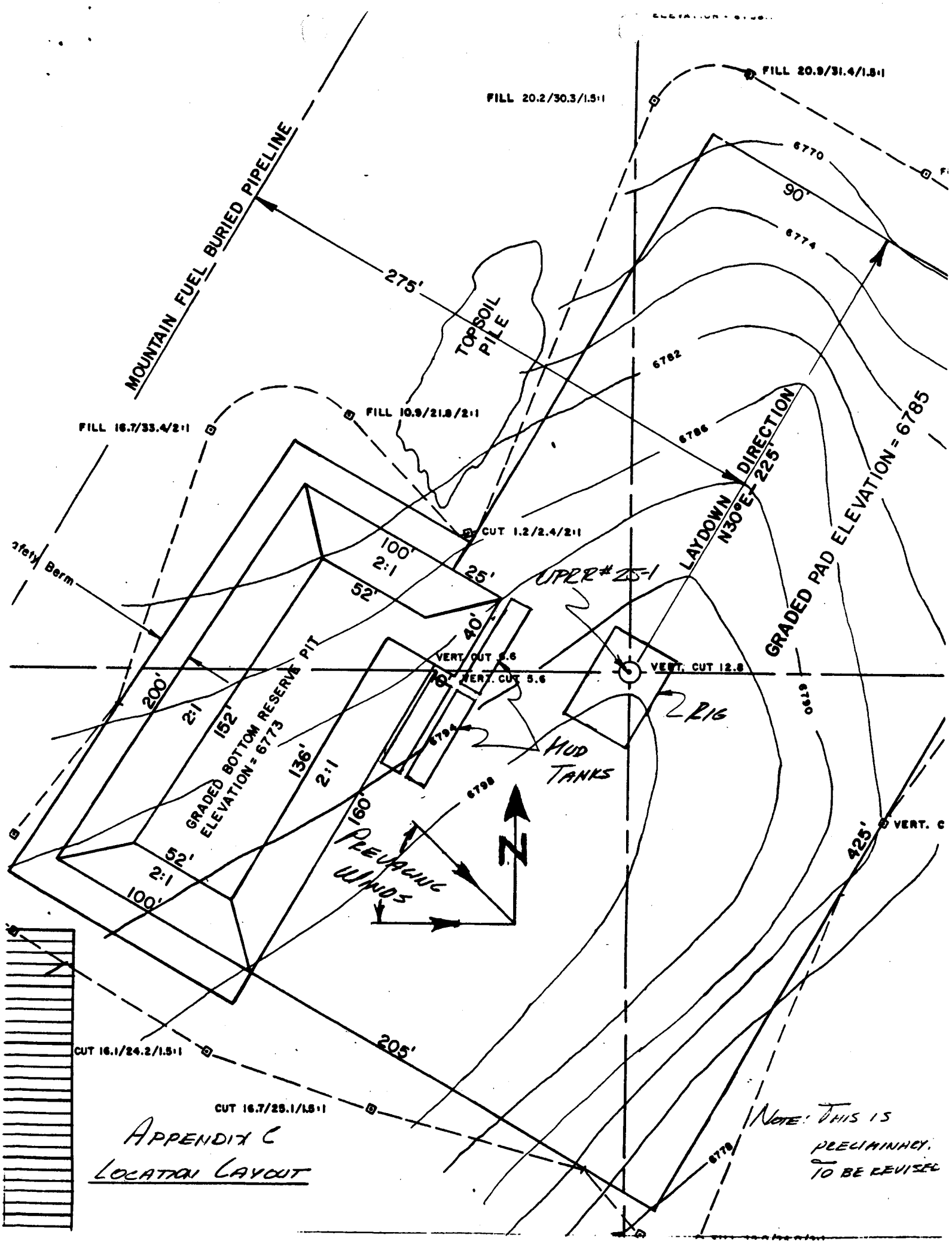
   1. No abnormal pressures (greater than 10#/gal. equivalent) or temperatures are expected.

   2. H_2S is expected. An H_2S Contingency Plan will be filed with the State of Utah.

8. Other Facets of Proposed Operations:

   No special drilling operations are planned.

SFH/cdl
7/2/85


FILL 20.9/31.4/1.5:1
FILL 20.2/30.3/1.5:1
MOUNTAIN FUEL BURIED PIPELINE
6770
90'
6774
275'
TOPSOIL PILE
6782
FILL 10.9/21.8/2:1
FILL 16.7/33.4/2:1
6786
LAYDOWN DIRECTION N30°E 225'
GRADED PAD ELEVATION = 6785
CUT 1.2/2.4/2:1
Safety Berm
100'
2:1
25'
52'
UPER #25-1
40'
VERT. CUT 5.6
VERT. CUT 5.6
VERT. CUT 12.8
PIT
200'
2:1
152'
GRADED BOTTOM RESERVE PIT ELEVATION = 6773
136'
2:1
6794
RIG
MUD TANKS
6790
6798
160'
PREVAILING WINDS
N
52'
2:1
100'
425'
VERT. C
205'
CUT 16.1/24.2/1.5:1
CUT 16.7/25.1/1.5:1
6778
APPENDIX C
LOCATION LAYOUT
NOTE: THIS IS PRELIMINARY. TO BE REVISED

SURFACE USE PLAN

Exxon Corporation
U. P. RR "B" #1
1997' FEL & 1858' FSL, Section 25, T1N, R4E
Summit County, Utah

1. EXISTING ROADS - Exhibit "A" consists of a portion of the Wanship, Utah U.S.G.S. 7.5' quadrangle.

   A. The attached map shows the proposed well site as staked.

   B. From the intersection of U.S. Highway 189 and Interstate 80 at Wanship, Utah proceed south for .6 mile. Turn west and follow the jeep trail for .9 mile. At this point follow the new flagged alignment for 1.3 miles to the location.

   C. Approximately 2.2 miles of new road will be constructed to provide site access.

   D. Existing roads in the immediate vicinity are identified on Exhibit "A".

   E. This is an exploration well.

2. PLANNED ACCESS ROADS - Approximately 2.2 miles of new road will be constructed.

   A. The width of the new road will be approximately 16 feet for the total length.

   B. There are no grades over 10% on this route.

   C. Turnouts will be spaced as required during construction.

   D. Ditches will be constructed where necessary to keep water off the road.

   E. Culverts will be placed as needed during construction. A cattle-guard will be installed in the west right-of-way fence to U.S. Highway 189.

   F. No major cuts or fills will be needed.

   G. The realigned portion of access road has been centerline flagged.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS - none known.

4. TANK BATTERIES, PRODUCTION FACILITIES AND PIPELINES

In the event of production, necessary production facilities will be constructed on the well pad. All areas not needed for production facilities will be reshaped and seeded.

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be obtained from the Weber River northeast of Wanship, as shown on the attached map. A permit for this source is being obtained from the State of Utah.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials will be purchased from a private source. Materials will be hauled to the site over existing roads and a new access road.

7. METHODS FOR HANDLING WASTE DISPOSAL

A. Drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling. The reserve pit will be fenced on three sides with 4 strands of barbed wire during drilling and on four sides after the rig is released. Drill cuttings will be disposed of in the reserve pit and buried following the completion of drilling.

B. Trash and garbage will be contained within a fenced enclosure. Upon completion of operations all trash will be buried with at least a 24" cover unless ground freeze prevents burial.

8. ANCILLARY FACILITIES

No camps, airstrips, etc. will be required. Driller/Geologist trailer required at the drill site will be set on the drill pad.

9. WELL SITE

A. The location size is 425' x 220'.

B. All drilling equipment including living facilities will be located on the well site.

C. A 12' deep reserve pit will provide approximately 23,000 barrels working capacity. The reserve pit will be unlined unless subsurface conditions encountered during construction require a liner for lateral containment of fluids.

10. RESTORATION OF SURFACE

A. On completion of the operation and burial of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying time. Drill site surface will be reshaped to combat erosion and stockpiled topsoil will be distributed to extent available. Prior to leaving the drill site upon rig move-out, any pit that is to remain open for drying will be fenced until backfilled and reshaped.

B. The drilling location and access road will be reshaped and seeded as per landowner recommendations.

C. Any oil on pits will be removed or overhead flagging will be installed.

D. Rehabilitation operations will start in the spring after completion and be completed in the fall.

11. OTHER INFORMATION

A. Topography of the area is mountainous, vegetation consists mainly of sagebrush, oakbrush, and native grasses. Surface use activity other than grazing is carried on in the immediate area.

12. OPERATOR'S REPRESENTATIVE - Exxon's field representative for contact regarding compliance with the Surface Use Plan is:

Tom Mixon
P.O. Box 230
Midland, Texas 79702
Office Phone: (915) 686-4734

13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, 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 Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date 7-1-85

Name and Title Thomas O. Mixon Operation Supt.

July 2, 1985

TO: Well File

FROM: Dorothy Swindel, Oil and Gas Field Inspector

RE: Pre-drill Inspection of Exxon UPRR 25-1, Sec. 25, T1N, R4E Summit County, Utah

Operator: Exxon Company, U.S.A.
Well Name: UPRR 25-1
Location: NW SE Section 25, T1N, R4E
Summit County, Utah
Fee Land
Date of Inspection: June 21, 1985 - 4:30 p.m.
Inspection Participants: Dorothy Swindel
Division of Oil, Gas and Mining

Gary W. Weidman, Engineer
Exxon Company, U.S.A., Midland, Texas

ROADS

1. Access road begins on Alternate 189 approximately 1/2 mile south of intersection of Interstate 80 (approximately 3/4 mile south of Wanship, Utah).

2. The access road heads west along an unimproved dirt road and generally follows the dirt road, except for where the road exceeds an 8 percent grade. At the points where the road exceeds 8 percent, the access road will be realigned to the west.

3. The access road generally parallels a Mountain Fuel pipeline. Exxon should use extreme caution in working close to the pipeline.

EXISTING WELLS

1. There are no producing wells within a one-mile radius of the proposed well.

2. There are two plugged wells in the area:

   a. Amoco Production
      Champlin 463 Amoco B #1
      27-1N-4E

   b. Amoco Production
      Rockport Reservoir WI #1
      21-1N-5E

WELL SITE

1. The well will be situated on a knoll of about 6800' elevation. The topography of the area is mountainous.

2. The pad will require a 12' vertical cut.

3. The laydown will be towards the west and the reserve pit will be on the southeast corner of the pad.

4. Vegetation on site is mostly scrub oaks, sagebrush, and native grasses. No timber will be cut.

5. Water will probably be obtained from the Weber River, if approved by the Division of Water Rights.

6. The surface lithology is a sandstone and conglomerate. Exact formation name is not known. Determination of the reserve pit material will be made at completion of dirt work to determine the need for a pit liner.

7. The proposed well location is in close proximity to surface waters. It is located 1 1/2 miles from Rockport Reservoir and 3/4 mile from Silver Creek. The access route parallels a creek that feeds into the Weber River.

OTHER

The proposed location is approximately 1 3/4 mile west of Rockport Reservoir and 3/4 mile east of Interstate 80. The rig might be visible from Rockport and may cause aesthetic "damage" to park users.

In general, the proposed location is satisfactory. Exxon was requested to contact the Division to obtain final approval of the location before spudding.

sb

9689T

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DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27 43-043-30274

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT IN JE SEC. 25 UTAH
11-23-85

RECEIVED
MAY 05 1986
DIVISION OF
GAS & MINING

CONFIDENTIAL

INTERVAL 5300.0 TO 12750.0
RUN 1 RLAC 389.
ENGINEER FRANCIS MAG DEC 15.

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*************************************************
* WINDOW 8 FT  STEP 2 FT                        *
*                                               *
*     4     0     0     0     2                 *
*************************************************
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DEPTH	WL	**FORMATION DIP** ANG	AZ	BEARING	GRADE	****BOREHOLE***** DA	DAZ	BEARING
5372.0	8.00	3.2	309	N 51 W	100	3.6	143	S 37 E
5394.0	8.00	42.0	287	N 73 W	78	3.5	144	S 36 E
5440.0	8.00	23.0	271	N 89 W	100	3.4	141	S 39 E
5442.0	8.00	24.3	286	N 74 W	100	3.5	143	S 37 E
5444.0	8.00	24.5	288	N 72 W	100	3.4	144	S 36 E
5446.0	8.00	24.5	288	N 72 W	100	3.6	144	S 36 E
5448.0	8.00	24.2	291	N 69 W	100	3.6	145	S 35 E
5464.0	8.00	28.2	342	N 18 W	53	3.6	144	S 36 E
5466.0	8.00	27.9	338	N 22 W	53	3.6	144	S 36 E
5490.0	8.00	37.8	334	N 26 W	64	3.7	147	S 33 E
5506.0	8.00	13.9	325	N 35 W	74	3.9	148	S 32 E
5538.0	8.00	44.5	280	N 80 W	100	3.9	149	S 31 E
5540.0	8.00	44.3	284	N 76 W	100	3.9	149	S 31 E
5542.0	8.00	46.7	281	N 79 W	100	3.9	147	S 33 E
5544.0	8.00	46.5	280	N 80 W	100	3.9	147	S 33 E
5552.0	8.00	38.6	264	S 84 W	92	3.9	148	S 32 E
5568.0	8.00	40.0	304	N 56 W	52	4.0	147	S 33 E
5574.0	8.00	37.8	296	N 64 W	90	3.9	148	S 32 E
5588.0	8.00	48.5	285	N 75 W	100	3.9	146	S 34 E
5590.0	8.00	29.1	293	N 67 W	100	4.0	148	S 32 E
5608.0	8.00	41.0	283	N 77 W	92	3.9	148	S 32 E
5610.0	8.00	31.7	279	N 81 W	100	4.0	147	S 33 E
5612.0	8.00	27.8	288	N 72 W	100	4.0	146	S 34 E
5644.0	8.00	43.6	293	N 67 W	100	4.0	149	S 31 E
5654.0	8.00	17.9	309	N 51 W	100	4.0	149	S 31 E
5676.0	8.00	39.5	308	N 52 W	93	4.0	150	S 30 E
5686.0	8.00	27.9	292	N 68 W	100	3.9	148	S 32 E
5688.0	8.00	26.6	287	N 73 W	100	3.9	148	S 32 E
5690.0	8.00	20.3	307	N 53 W	100	4.0	149	S 31 E

Dresser Atlas

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
5710.0	8.00	24.8	301	N 59 W	100	4.0	146	S 34 E	
5712.0	8.00	44.5	284	N 76 W	100	4.1	148	S 32 E	
5720.0	8.00	31.0	298	N 62 W	80	4.0	148	S 32 E	
5740.0	8.00	41.7	346	N 14 W	100	4.1	147	S 33 E	
5742.0	8.00	40.4	344	N 16 W	100	4.1	148	S 32 E	
5760.0	8.00	36.0	319	N 41 W	100	4.2	149	S 31 E	
5762.0	8.00	30.7	325	N 35 W	100	4.2	150	S 30 E	
5766.0	8.00	41.9	335	N 25 W	100	4.2	151	S 29 E	
5792.0	8.00	38.8	25	N 25 E	100	4.1	148	S 32 E	
5794.0	8.00	24.8	16	N 16 E	90	4.1	148	S 32 E	
5796.0	8.00	33.2	12	N 12 E	100	4.1	148	S 32 E	
5800.0	8.00	14.3	55	N 55 E	100	4.1	146	S 34 E	
5816.0	8.00	22.7	64	N 64 E	76	4.2	149	S 31 E	
5818.0	8.00	26.7	64	N 64 E	81	4.3	147	S 33 E	
5824.0	8.00	36.6	55	N 55 E	100	4.2	146	S 34 E	
5832.0	8.00	10.8	166	S 14 E	100	4.3	148	S 32 E	
5834.0	8.00	11.8	168	S 12 E	100	4.3	149	S 31 E	
5850.0	8.00	37.1	194	S 14 W	100	4.3	150	S 30 E	
5852.0	8.00	39.1	194	S 14 W	100	4.3	150	S 30 E	
5872.0	8.00	21.6	168	S 12 E	96	4.4	149	S 31 E	
5874.0	8.00	22.0	180	S 0 E	100	4.3	148	S 32 E	
5876.0	8.00	38.7	175	S 5 E	100	4.4	147	S 33 E	
5878.0	8.00	38.5	175	S 5 E	100	4.4	147	S 33 E	
5886.0	8.00	39.2	231	S 51 W	64	4.3	150	S 30 E	
5888.0	8.00	39.3	253	S 73 W	100	4.3	150	S 30 E	
5918.0	8.00	47.8	237	S 57 W	84	4.4	151	S 29 E	
5932.0	8.00	23.0	275	N 85 W	88	4.4	151	S 29 E	
5934.0	8.00	18.9	276	N 84 W	100	4.4	152	S 28 E	
5936.0	8.00	17.1	317	N 43 W	100	4.3	151	S 29 E	
5942.0	8.00	20.3	34	N 34 E	100	4.5	151	S 29 E	
5944.0	8.00	31.2	36	N 36 E	100	4.4	151	S 29 E	
5946.0	8.00	29.9	35	N 35 E	67	4.4	152	S 28 E	
5950.0	8.00	28.7	80	N 80 E	100	4.4	152	S 28 E	
5960.0	8.00	15.7	75	N 75 E	90	4.4	153	S 27 E	
5962.0	8.00	17.5	78	N 78 E	100	4.4	152	S 28 E	
5964.0	8.00	16.7	82	N 82 E	93	4.3	153	S 27 E	
5968.0	8.00	11.8	61	N 61 E	61	4.4	153	S 27 E	
5982.0	8.00	40.2	0	N 0 E	100	4.6	153	S 27 E	
5986.0	8.00	28.9	298	N 62 W	68	4.5	153	S 27 E	
5988.0	8.00	33.9	301	N 59 W	78	4.5	154	S 26 E	

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
5990.0	8.00	25.7	316	N 44 W	64	4.6	154	S 26 E	
5998.0	8.00	24.8	342	N 18 W	100	4.6	153	S 27 E	
6018.0	8.00	16.0	339	N 21 W	100	4.7	155	S 25 E	
6020.0	8.00	16.5	0	N 0 E	100	4.6	156	S 24 E	
6044.0	8.00	22.2	10	N 10 E	100	4.7	155	S 25 E	
6056.0	8.00	21.4	7	N 7 E	100	4.7	155	S 25 E	
6066.0	8.00	48.9	44	N 44 E	100	5.0	155	S 25 E	
6070.0	8.00	35.2	35	N 35 E	100	5.0	154	S 26 E	
6072.0	8.00	30.7	31	N 31 E	100	5.0	155	S 25 E	
6074.0	8.00	32.0	1	N 1 E	100	4.9	155	S 25 E	
6076.0	8.00	36.3	8	N 8 E	78	4.9	155	S 25 E	
6098.0	8.00	31.0	14	N 14 E	99	4.9	156	S 24 E	
6108.0	8.00	24.7	357	N 3 W	100	5.1	155	S 25 E	
6110.0	8.00	14.3	345	N 15 W	100	5.1	155	S 25 E	
6112.0	8.00	28.6	358	N 2 W	84	5.1	155	S 25 E	
6114.0	8.00	28.3	357	N 3 W	100	5.1	155	S 25 E	
6132.0	8.00	32.5	343	N 17 W	86	4.6	162	S 18 E	
6134.0	8.00	34.9	354	N 6 W	100	4.5	162	S 18 E	
6144.0	8.00	5.5	335	N 25 W	100	5.2	159	S 21 E	
6156.0	8.00	41.2	354	N 6 W	100	5.4	158	S 22 E	
6160.0	8.00	19.9	337	N 23 W	100	5.4	159	S 21 E	
6162.0	8.00	20.1	337	N 23 W	100	5.6	159	S 21 E	
6164.0	8.00	5.7	342	N 18 W	100	5.3	160	S 20 E	
6202.0	8.00	28.4	342	N 18 W	97	5.4	151	S 29 E	
6208.0	8.00	42.8	293	N 67 W	100	5.3	152	S 28 E	
6210.0	8.00	36.4	282	N 78 W	100	5.3	153	S 27 E	
6232.0	8.00	47.9	258	S 78 W	100	5.2	153	S 27 E	
6234.0	8.00	29.6	239	S 59 W	100	5.3	152	S 28 E	
6244.0	8.00	32.4	183	S 3 W	100	5.4	153	S 27 E	
6250.0	8.00	18.7	142	S 38 E	100	5.4	154	S 26 E	
6252.0	8.00	18.2	146	S 34 E	80	5.5	154	S 26 E	
6254.0	8.00	17.6	152	S 28 E	66	5.6	154	S 26 E	
6256.0	8.00	15.1	149	S 31 E	100	5.5	154	S 26 E	
6258.0	8.00	15.6	136	S 44 E	60	5.4	155	S 25 E	
6260.0	8.00	30.1	118	S 62 E	100	5.4	155	S 25 E	
6262.0	8.00	27.4	141	S 39 E	100	5.2	154	S 26 E	
6264.0	8.00	29.3	136	S 44 E	100	5.2	156	S 24 E	
6266.0	8.00	36.9	150	S 30 E	100	5.4	155	S 25 E	
6270.0	8.00	36.3	40	N 40 E	100	5.5	155	S 25 E	
6272.0	8.00	8.2	18	N 18 E	100	5.4	154	S 26 E	

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
6274.0	8.00	7.2	22	N 22 E	100	5.6	155	S 25 E
6276.0	8.00	4.9	357	N 3 W	100	5.6	155	S 25 E
6278.0	8.00	5.5	355	N 5 W	100	5.6	156	S 24 E
6286.0	8.00	24.0	349	N 11 W	100	5.3	155	S 25 E
6300.0	8.00	43.8	19	N 19 E	100	5.5	155	S 25 E
6332.0	8.00	43.3	26	N 26 E	100	5.7	157	S 23 E
6348.0	8.00	6.5	9	N 9 E	100	5.9	158	S 22 E
6350.0	8.00	17.2	340	N 20 W	100	5.7	158	S 22 E
6354.0	8.00	13.0	348	N 12 W	92	5.8	157	S 23 E
6356.0	8.00	34.9	357	N 3 W	80	5.9	160	S 20 E
6360.0	8.00	2.7	7	N 7 E	100	5.9	160	S 20 E
6376.0	8.00	4.0	4	N 4 E	100	5.8	158	S 22 E
6380.0	8.00	6.8	334	N 26 W	100	5.8	158	S 22 E
6382.0	8.00	7.9	332	N 28 W	91	6.0	158	S 22 E
6384.0	8.00	7.8	331	N 29 W	70	6.0	157	S 23 E
6390.0	8.00	37.7	342	N 18 W	99	5.8	160	S 20 E
6392.0	8.00	31.8	345	N 15 W	97	5.7	158	S 22 E
6396.0	8.00	26.5	299	N 61 W	100	6.0	159	S 21 E
6398.0	8.00	32.2	295	N 65 W	100	6.2	159	S 21 E
6400.0	8.00	35.5	295	N 65 W	100	6.0	158	S 22 E
6414.0	8.00	51.6	330	N 30 W	100	5.9	161	S 19 E
6428.0	8.00	22.2	335	N 25 W	100	5.9	159	S 21 E
6442.0	8.00	4.3	1	N 1 E	100	5.7	157	S 23 E
6444.0	8.00	8.8	76	N 76 E	100	5.7	156	S 24 E
6446.0	8.00	26.7	85	N 85 E	87	5.8	158	S 22 E
6448.0	8.00	27.3	87	N 87 E	100	5.7	158	S 22 E
6450.0	8.00	26.2	92	S 88 E	100	5.9	156	S 24 E
6452.0	8.00	25.3	98	S 82 E	100	5.9	156	S 24 E
6460.0	8.00	15.7	61	N 61 E	100	6.0	156	S 24 E
6462.0	8.00	19.7	65	N 65 E	100	6.0	156	S 24 E
6486.0	8.00	9.5	74	N 74 E	100	5.9	156	S 24 E
6504.0	8.00	18.1	90	N 90 E	100	6.0	163	S 17 E
6506.0	8.00	17.6	91	S 89 E	100	6.1	162	S 18 E
6510.0	8.00	24.5	61	N 61 E	100	6.1	160	S 20 E
6512.0	8.00	25.1	26	N 26 E	100	6.2	162	S 18 E
6520.0	8.00	34.9	327	N 33 W	100	6.2	163	S 17 E
6536.0	8.00	24.8	285	N 75 W	100	6.0	163	S 17 E
6538.0	8.00	28.8	276	N 84 W	92	6.0	163	S 17 E
6540.0	8.00	28.9	274	N 86 W	100	5.9	163	S 17 E
6544.0	8.00	39.2	209	S 29 W	75	5.9	162	S 18 E

DISCOVERY

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
6546.0	8.00	42.7	219	S 39 W	75	5.9	162	S 18 E
6548.0	8.00	31.9	238	S 58 W	100	5.9	162	S 18 E
6556.0	8.00	30.3	195	S 15 W	55	6.1	161	S 19 E
6568.0	8.00	34.9	204	S 24 W	100	6.1	164	S 16 E
6570.0	8.00	30.2	202	S 22 W	73	6.2	165	S 15 E
6584.0	8.00	38.1	265	S 85 W	98	6.1	166	S 14 E
6594.0	8.00	17.7	272	N 88 W	100	6.2	165	S 15 E
6598.0	8.00	14.3	276	N 84 W	66	6.2	166	S 14 E
6600.0	8.00	15.4	270	N 90 W	100	6.1	166	S 14 E
6602.0	8.00	7.4	304	N 56 W	66	6.1	166	S 14 E
6614.0	8.00	23.4	21	N 21 E	100	6.2	166	S 14 E
6616.0	8.00	23.1	20	N 20 E	100	6.2	165	S 15 E
6618.0	8.00	20.6	29	N 29 E	100	6.2	164	S 16 E
6622.0	8.00	41.8	333	N 27 W	67	6.2	165	S 15 E
6624.0	8.00	41.3	334	N 26 W	84	6.2	164	S 16 E
6626.0	8.00	41.6	331	N 29 W	59	6.2	165	S 15 E
6630.0	8.00	42.9	320	N 40 W	95	6.2	166	S 14 E
6632.0	8.00	12.8	277	N 83 W	100	6.2	166	S 14 E
6634.0	8.00	14.5	274	N 86 W	100	6.3	166	S 14 E
6636.0	8.00	17.1	269	S 89 W	100	6.3	166	S 14 E
6638.0	8.00	20.2	272	N 88 W	100	6.3	166	S 14 E
6648.0	8.00	11.7	347	N 13 W	100	6.4	166	S 14 E
6652.0	8.00	10.2	352	N 8 W	100	6.3	166	S 14 E
6658.0	8.00	36.5	349	N 11 W	100	6.4	166	S 14 E
6660.0	8.00	8.8	24	N 24 E	100	6.4	166	S 14 E
6662.0	8.00	9.5	22	N 22 E	100	6.4	166	S 14 E
6664.0	8.00	8.8	23	N 23 E	100	6.4	166	S 14 E
6666.0	8.00	9.3	31	N 31 E	100	6.4	166	S 14 E
6680.0	8.00	36.7	12	N 12 E	100	6.6	167	S 13 E
6686.0	8.00	11.4	356	N 4 W	100	6.7	167	S 13 E
6702.0	8.00	24.2	350	N 10 W	100	6.9	167	S 13 E
6704.0	8.00	26.7	335	N 25 W	100	6.9	168	S 12 E
6706.0	8.00	28.4	331	N 29 W	100	7.0	168	S 12 E
6708.0	8.00	26.5	7	N 7 E	100	7.0	167	S 13 E
6710.0	8.00	22.3	40	N 40 E	100	7.0	168	S 12 E
6712.0	8.00	22.3	38	N 38 E	100	7.0	168	S 12 E
6736.0	8.00	28.4	9	N 9 E	100	7.2	168	S 12 E
6738.0	8.00	26.3	357	N 3 W	68	7.2	168	S 12 E
6750.0	8.00	26.8	13	N 13 E	100	7.2	167	S 13 E
6752.0	8.00	29.1	0	N 0 E	100	7.2	168	S 12 E

PROPERTY OF

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
6754.0	8.00	26.9	10	N 10 E	100	7.2	168	S 12 E
6756.0	8.00	28.1	5	N 5 E	100	7.3	168	S 12 E
6792.0	8.00	26.0	36	N 36 E	100	7.4	167	S 13 E
6794.0	8.00	27.9	38	N 38 E	100	7.4	168	S 12 E
6798.0	8.00	26.1	42	N 42 E	68	7.6	168	S 12 E
6814.0	8.00	27.0	117	S 63 E	100	7.8	169	S 11 E
6820.0	8.00	41.1	117	S 63 E	100	7.5	170	S 10 E
6822.0	8.00	31.2	140	S 40 E	100	7.7	169	S 11 E
6824.0	8.00	39.8	136	S 44 E	100	7.7	169	S 11 E
6844.0	8.00	26.5	137	S 43 E	100	7.7	169	S 11 E
6848.0	8.00	21.1	227	S 47 W	100	7.8	169	S 11 E
6850.0	8.00	21.4	218	S 38 W	100	7.8	169	S 11 E
6854.0	8.00	16.0	293	N 67 W	100	7.8	169	S 11 E
6858.0	8.00	15.5	313	N 47 W	100	7.8	169	S 11 E
6868.0	8.00	14.4	324	N 36 W	100	7.8	170	S 10 E
6870.0	8.00	16.0	338	N 22 W	100	7.8	169	S 11 E
6872.0	8.00	42.5	351	N 9 W	100	7.8	168	S 12 E
6884.0	8.00	32.9	325	N 35 W	100	7.8	168	S 12 E
6886.0	8.00	31.6	324	N 36 W	100	8.0	168	S 12 E
6890.0	8.00	25.1	349	N 11 W	100	7.9	168	S 12 E
6892.0	8.00	26.7	3	N 3 E	100	7.9	168	S 12 E
6902.0	8.00	10.9	19	N 19 E	100	8.0	169	S 11 E
6906.0	8.00	43.5	347	N 13 W	100	8.0	169	S 11 E
6908.0	8.00	33.9	352	N 8 W	100	8.0	169	S 11 E
6910.0	8.00	35.8	351	N 9 W	100	7.9	169	S 11 E
6914.0	8.00	24.9	355	N 5 W	100	7.9	169	S 11 E
6916.0	8.00	23.1	359	N 1 W	74	7.9	169	S 11 E
6918.0	8.00	38.7	300	N 60 W	82	8.0	170	S 10 E
6922.0	8.00	42.0	309	N 51 W	100	7.5	165	S 15 E
6924.0	8.00	23.8	293	N 67 W	71	8.0	168	S 12 E
6944.0	8.00	47.2	329	N 31 W	78	8.1	169	S 11 E
6946.0	8.00	51.8	329	N 31 W	100	8.1	169	S 11 E
6950.0	8.00	45.3	317	N 43 W	100	8.0	170	S 10 E
6966.0	8.00	35.2	310	N 50 W	100	8.1	170	S 10 E
6968.0	8.00	36.3	311	N 49 W	100	8.1	169	S 11 E
6974.0	8.00	18.7	347	N 13 W	100	8.1	170	S 10 E
6978.0	8.00	24.6	358	N 2 W	100	8.1	169	S 11 E
6980.0	8.00	26.3	9	N 9 E	91	8.1	170	S 10 E
6982.0	8.00	22.4	10	N 10 E	94	8.1	170	S 10 E
6986.0	8.00	24.6	4	N 4 E	100	8.1	170	S 10 E

DISCARDED

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
7008.0	8.00	14.4	333	N 27 W	95	8.0	170	S 10 E	
7010.0	8.00	24.8	343	N 17 W	100	8.0	170	S 10 E	
7012.0	8.00	23.5	351	N 9 W	100	8.0	170	S 10 E	
7014.0	8.00	22.3	350	N 10 W	100	8.0	170	S 10 E	
7016.0	8.00	18.1	4	N 4 E	100	8.0	170	S 10 E	
7022.0	8.00	29.9	8	N 8 E	100	8.0	170	S 10 E	
7024.0	8.00	25.6	13	N 13 E	100	8.0	170	S 10 E	
7026.0	8.00	22.6	12	N 12 E	100	8.0	170	S 10 E	
7028.0	8.00	18.8	18	N 18 E	92	8.0	170	S 10 E	
7030.0	8.00	15.5	21	N 21 E	100	8.0	170	S 10 E	
7046.0	8.00	22.3	9	N 9 E	100	7.9	170	S 10 E	
7060.0	8.00	6.6	350	N 10 W	100	8.1	170	S 10 E	
7062.0	8.00	31.3	7	N 7 E	100	8.0	170	S 10 E	
7074.0	8.00	37.8	4	N 4 E	100	8.0	170	S 10 E	
7076.0	8.00	31.3	4	N 4 E	100	8.1	170	S 10 E	
7078.0	8.00	24.5	3	N 3 E	100	8.1	170	S 10 E	
7080.0	8.00	21.5	10	N 10 E	100	8.1	170	S 10 E	
7082.0	8.00	22.1	5	N 5 E	100	8.1	171	S 9 E	
7084.0	8.00	23.1	2	N 2 E	100	8.0	171	S 9 E	
7088.0	8.00	21.5	6	N 6 E	100	8.1	170	S 10 E	
7090.0	8.00	20.5	4	N 4 E	100	8.0	170	S 10 E	
7092.0	8.00	18.3	2	N 2 E	100	8.1	170	S 10 E	
7094.0	8.00	22.2	12	N 12 E	100	8.1	171	S 9 E	
7098.0	8.00	34.8	32	N 32 E	100	8.1	171	S 9 E	
7100.0	8.00	30.0	357	N 3 W	100	8.1	171	S 9 E	
7114.0	8.00	23.7	337	N 23 W	96	8.1	171	S 9 E	
7122.0	8.00	34.7	346	N 14 W	100	8.1	170	S 10 E	
7126.0	8.00	7.6	328	N 32 W	100	8.1	171	S 9 E	
7128.0	8.00	6.9	319	N 41 W	100	8.1	171	S 9 E	
7130.0	8.00	18.2	352	N 8 W	94	8.1	172	S 8 E	
7140.0	8.00	31.2	245	S 65 W	100	8.1	171	S 9 E	
7142.0	8.00	33.2	242	S 62 W	100	8.2	171	S 9 E	
7144.0	8.00	26.6	298	N 62 W	100	8.1	171	S 9 E	
7146.0	8.00	27.4	297	N 63 W	100	8.1	171	S 9 E	
7148.0	8.00	28.4	313	N 47 W	100	8.1	171	S 9 E	
7150.0	8.00	16.8	12	N 12 E	100	8.2	171	S 9 E	
7152.0	8.00	17.4	11	N 11 E	100	8.1	171	S 9 E	
7154.0	8.00	19.7	11	N 11 E	100	8.2	171	S 9 E	
7160.0	8.00	21.6	355	N 5 W	100	8.2	172	S 8 E	
7162.0	8.00	21.9	355	N 5 W	100	8.2	171	S 9 E	

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
J.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
7164.0	8.00	21.1	352	N 8 W	100	8.2	172	S 8 E	
7166.0	8.00	38.4	349	N 11 W	100	8.2	172	S 8 E	
7168.0	8.00	50.4	342	N 18 W	100	8.2	171	S 9 E	
7170.0	8.00	54.4	340	N 20 W	100	8.2	172	S 8 E	
7172.0	8.00	48.9	352	N 8 W	79	8.2	171	S 9 E	
7174.0	8.00	50.4	336	N 24 W	100	8.2	172	S 8 E	
7182.0	8.00	21.7	326	N 34 W	100	8.2	172	S 8 E	
7184.0	8.00	27.0	338	N 22 W	68	8.2	172	S 8 E	
7186.0	8.00	20.2	296	N 64 W	100	8.3	172	S 8 E	
7190.0	8.00	39.2	295	N 65 W	100	8.2	172	S 8 E	
7214.0	8.00	45.3	332	N 28 W	100	8.3	173	S 7 E	
7218.0	8.00	33.3	342	N 18 W	70	8.3	173	S 7 E	
7230.0	8.00	29.0	17	N 17 E	100	8.3	173	S 7 E	
7232.0	8.00	26.8	14	N 14 E	100	8.4	173	S 7 E	
7238.0	8.00	17.5	7	N 7 E	100	8.4	173	S 7 E	
7240.0	8.00	16.8	8	N 8 E	100	8.4	173	S 7 E	
7242.0	8.00	41.4	53	N 53 E	100	8.4	172	S 8 E	
7244.0	8.00	42.6	57	N 57 E	100	8.4	173	S 7 E	
7250.0	8.00	45.9	43	N 43 E	83	8.4	173	S 7 E	
7252.0	8.00	45.6	43	N 43 E	83	8.5	173	S 7 E	
7254.0	8.00	13.1	78	N 78 E	100	8.5	173	S 7 E	
7256.0	8.00	14.0	86	N 86 E	100	8.5	173	S 7 E	
7258.0	8.00	12.4	59	N 59 E	81	8.5	173	S 7 E	
7264.0	8.00	31.1	18	N 18 E	100	8.5	174	S 6 E	
7266.0	8.00	31.0	19	N 19 E	95	8.5	174	S 6 E	
7280.0	8.00	27.8	56	N 56 E	100	8.5	173	S 7 E	
7282.0	8.00	24.0	82	N 82 E	100	8.5	174	S 6 E	
7284.0	8.00	26.0	151	S 29 E	53	8.5	174	S 6 E	
7286.0	8.00	25.3	158	S 22 E	67	8.6	174	S 6 E	
7290.0	8.00	19.7	250	S 70 W	100	8.5	174	S 6 E	
7292.0	8.00	29.5	248	S 68 W	55	8.5	175	S 5 E	
7294.0	8.00	30.9	248	S 68 W	75	8.7	173	S 7 E	
7302.0	8.00	42.3	252	S 72 W	78	8.6	175	S 5 E	
7304.0	8.00	42.4	251	S 71 W	100	8.6	174	S 6 E	
7310.0	8.00	32.8	308	N 52 W	100	8.6	174	S 6 E	
7312.0	8.00	32.7	311	N 49 W	100	8.6	174	S 6 E	
7336.0	8.00	20.1	339	N 21 W	100	8.8	174	S 6 E	
7356.0	8.00	19.6	9	N 9 E	100	8.8	174	S 6 E	
7358.0	8.00	18.5	13	N 13 E	100	8.8	174	S 6 E	
7360.0	8.00	20.8	16	N 16 E	100	8.8	174	S 6 E	

DIGITIZED

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****				
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING		
7362.0	8.00	20.3	22	N 22 E	100	8.8	174	S	6	E
7366.0	8.00	27.2	24	N 24 E	100	8.8	174	S	6	E
7370.0	8.00	22.2	18	N 18 E	100	8.8	174	S	6	E
7372.0	8.00	25.0	21	N 21 E	100	8.8	174	S	6	E
7374.0	8.00	21.1	18	N 18 E	100	8.8	174	S	6	E
7376.0	8.00	21.3	17	N 17 E	100	8.9	174	S	6	E
7380.0	8.00	26.8	299	N 61 W	100	8.9	174	S	6	E
7382.0	8.00	26.6	297	N 63 W	100	8.9	174	S	6	E
7398.0	8.00	21.4	275	N 85 W	100	8.9	175	S	5	E
7406.0	8.00	18.1	249	S 69 W	65	8.9	175	S	5	E
7422.0	8.00	32.5	245	S 65 W	61	8.8	175	S	5	E
7428.0	8.00	23.6	271	N 89 W	56	8.8	176	S	4	E
7430.0	8.00	22.9	272	N 88 W	61	8.8	176	S	4	E
7432.0	8.00	23.1	273	N 87 W	62	8.8	176	S	4	E
7442.0	8.00	22.8	294	N 66 W	100	8.8	176	S	4	E
7444.0	8.00	22.0	292	N 68 W	100	8.9	177	S	3	E
7446.0	8.00	7.9	283	N 77 W	78	8.9	176	S	4	E
7448.0	8.00	8.7	289	N 71 W	100	8.9	176	S	4	E
7450.0	8.00	40.4	120	S 60 E	100	8.9	177	S	3	E
7452.0	8.00	37.0	126	S 54 E	100	8.9	176	S	4	E
7454.0	8.00	35.7	127	S 53 E	99	8.9	177	S	3	E
7466.0	8.00	26.0	117	S 63 E	100	8.8	177	S	3	E
7468.0	8.00	27.8	111	S 69 E	100	8.8	177	S	3	E
7470.0	8.00	27.8	110	S 70 E	100	8.8	177	S	3	E
7474.0	8.00	33.5	92	S 88 E	100	8.8	178	S	2	E
7480.0	8.00	23.6	128	S 52 E	100	8.8	178	S	2	E
7494.0	8.00	29.5	136	S 44 E	100	8.7	178	S	2	E
7496.0	8.00	38.3	124	S 56 E	100	8.7	178	S	2	E
7498.0	8.00	27.7	94	S 86 E	94	8.7	179	S	1	E
7500.0	8.00	28.7	96	S 84 E	100	8.7	179	S	1	E
7502.0	8.00	27.8	82	N 82 E	100	8.7	179	S	1	E
7514.0	8.00	23.4	90	N 90 E	100	8.6	180	S	0	E
7516.0	8.00	26.1	85	N 85 E	100	8.6	180	S	0	E
7518.0	8.00	24.1	86	N 86 E	100	8.6	180	S	0	E
7520.0	8.00	28.1	77	N 77 E	100	8.6	180	S	0	E
7522.0	8.00	29.6	83	N 83 E	100	8.6	180	S	0	E
7524.0	8.00	32.8	36	N 36 E	100	8.6	180	S	0	E
7526.0	8.00	32.5	37	N 37 E	100	8.6	180	S	0	E
7536.0	8.00	28.0	61	N 61 E	100	8.6	181	S	1	W
7538.0	8.00	33.0	93	S 87 E	100	8.6	181	S	1	W

DATE OF LISTING: 12/ 6/85
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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
7540.0	8.00	30.6	94	S 86 E	100	8.6	181	S 1 W
7542.0	8.00	30.9	91	S 89 E	100	8.6	181	S 1 W
7544.0	8.00	30.6	92	S 88 E	100	8.6	182	S 2 W
7546.0	8.00	30.9	92	S 88 E	100	8.6	182	S 2 W
7550.0	8.00	17.5	112	S 68 E	100	8.6	182	S 2 W
7566.0	8.00	28.4	93	S 87 E	100	8.6	184	S 4 W
7568.0	8.00	27.8	86	N 86 E	85	8.6	184	S 4 W
7582.0	8.00	27.2	80	N 80 E	100	8.6	185	S 5 W
7584.0	8.00	26.6	82	N 82 E	100	8.6	186	S 6 W
7586.0	8.00	43.0	114	S 66 E	100	8.6	186	S 6 W
7588.0	8.00	46.5	115	S 65 E	100	8.6	186	S 6 W
7592.0	8.00	31.6	100	S 80 E	100	8.6	186	S 6 W
7594.0	8.00	28.8	98	S 82 E	98	8.6	187	S 7 W
7596.0	8.00	33.5	101	S 79 E	100	8.6	187	S 7 W
7628.0	8.00	38.6	121	S 59 E	100	8.6	190	S 10 W
7630.0	8.00	36.8	121	S 59 E	100	8.5	190	S 10 W
7632.0	8.00	37.1	124	S 56 E	100	8.5	190	S 10 W
7634.0	8.00	42.8	118	S 62 E	100	8.5	190	S 10 W
7636.0	8.00	12.8	136	S 44 E	100	8.5	190	S 10 W
7652.0	8.00	35.3	116	S 64 E	100	8.4	192	S 12 W
7662.0	8.00	28.8	128	S 52 E	100	8.3	190	S 10 W
7666.0	8.00	36.1	90	N 90 E	64	8.3	191	S 11 W
7674.0	8.00	38.7	40	N 40 E	46	8.3	190	S 10 W
7678.0	8.00	45.9	32	N 32 E	100	8.3	191	S 11 W
7688.0	8.00	43.3	61	N 61 E	73	8.2	192	S 12 W
7690.0	8.00	45.1	58	N 58 E	100	8.2	192	S 12 W
7716.0	8.00	20.1	50	N 50 E	100	8.2	193	S 13 W
7732.0	8.00	45.1	72	N 72 E	71	8.2	194	S 14 W
7734.0	8.00	35.1	112	S 68 E	100	8.1	195	S 15 W
7736.0	8.00	35.1	112	S 68 E	100	8.1	194	S 14 W
7758.0	8.00	30.0	130	S 50 E	92	8.1	195	S 15 W
7764.0	8.00	46.6	102	S 78 E	78	8.1	196	S 16 W
7766.0	8.00	35.0	84	N 84 E	100	8.1	196	S 16 W
7768.0	8.00	34.6	84	N 84 E	100	8.1	196	S 16 W
7770.0	8.00	11.8	92	S 88 E	100	8.1	196	S 16 W
7772.0	8.00	11.1	92	S 88 E	79	8.1	196	S 16 W
7776.0	8.00	31.1	61	N 61 E	100	8.1	196	S 16 W
7778.0	8.00	44.4	57	N 57 E	35	8.1	197	S 17 W
7780.0	8.00	35.2	62	N 62 E	67	8.1	197	S 17 W
7790.0	8.00	22.7	74	N 74 E	67	8.1	196	S 16 W

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
7804.0	8.00	24.5	82	N 82 E	100	7.7	194	S 14 W
7806.0	8.00	17.8	95	S 85 E	100	7.8	191	S 11 W
7812.0	8.00	16.4	69	N 69 E	100	7.7	192	S 12 W
7814.0	8.00	14.2	60	N 60 E	100	7.7	192	S 12 W
7816.0	8.00	15.6	65	N 65 E	100	7.7	192	S 12 W
7818.0	8.00	9.3	61	N 61 E	56	7.8	193	S 13 W
7826.0	8.00	40.0	29	N 29 E	91	7.7	194	S 14 W
7830.0	8.00	20.3	352	N 8 W	100	7.8	197	S 17 W
7832.0	8.00	42.8	347	N 13 W	100	7.8	197	S 17 W
7866.0	8.00	40.0	347	N 13 W	100	7.8	197	S 17 W
7868.0	8.00	41.4	343	N 17 W	100	7.7	197	S 17 W
7872.0	8.00	35.7	348	N 12 W	56	7.7	197	S 17 W
7874.0	8.00	48.6	331	N 29 W	100	7.7	197	S 17 W
7884.0	8.00	26.7	306	N 54 W	100	7.7	197	S 17 W
7886.0	8.00	27.0	308	N 52 W	100	7.7	196	S 16 W
7890.0	8.00	45.3	292	N 68 W	74	7.7	196	S 16 W
7892.0	8.00	39.8	300	N 60 W	100	7.7	197	S 17 W
7894.0	8.00	44.0	299	N 61 W	88	7.7	196	S 16 W
7906.0	8.00	53.6	89	N 89 E	100	7.7	196	S 16 W
7916.0	8.00	31.7	86	N 86 E	100	7.5	191	S 11 W
7918.0	8.00	38.3	121	S 59 E	69	7.5	190	S 10 W
7920.0	8.00	37.4	124	S 56 E	100	7.6	190	S 10 W
7922.0	8.00	36.5	126	S 54 E	100	7.5	190	S 10 W
7934.0	8.00	41.7	121	S 59 E	100	7.5	190	S 10 W
7936.0	8.00	41.2	120	S 60 E	100	7.5	189	S 9 W
7938.0	8.00	43.0	115	S 65 E	56	7.6	190	S 10 W
7940.0	8.00	35.9	126	S 54 E	100	7.5	189	S 9 W
7942.0	8.00	38.2	110	S 70 E	100	7.6	190	S 10 W
7946.0	8.00	58.9	65	N 65 E	53	7.5	189	S 9 W
7952.0	8.00	29.0	328	N 32 W	81	7.5	190	S 10 W
7954.0	8.00	59.1	344	N 16 W	100	7.5	189	S 9 W
7960.0	8.00	27.0	345	N 15 W	100	7.4	190	S 10 W
7968.0	8.00	43.4	1	N 1 E	100	7.5	190	S 10 W
7970.0	8.00	53.9	342	N 18 W	100	7.5	189	S 9 W
7972.0	8.00	23.4	337	N 23 W	100	7.5	189	S 9 W
7976.0	8.00	25.3	55	N 55 E	100	7.5	189	S 9 W
7978.0	8.00	20.1	76	N 76 E	100	7.4	189	S 9 W
7980.0	8.00	20.1	73	N 73 E	100	7.4	190	S 10 W
7982.0	8.00	21.8	101	S 79 E	100	7.5	190	S 10 W
7984.0	8.00	20.5	81	N 81 E	100	7.5	189	S 9 W

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
7986.0	8.00	39.5	56	N 56 E	100	7.4	189	S 9	W
7988.0	8.00	44.2	52	N 52 E	100	7.4	189	S 9	W
7990.0	8.00	44.0	52	N 52 E	100	7.5	189	S 9	W
7994.0	8.00	17.9	104	S 76 E	100	7.4	189	S 9	W
7996.0	8.00	26.5	99	S 81 E	100	7.4	189	S 9	W
7998.0	8.00	32.7	106	S 74 E	42	7.4	189	S 9	W
8006.0	8.00	53.5	87	N 87 E	57	7.3	189	S 9	W
8008.0	8.00	48.7	3	N 3 E	51	7.3	189	S 9	W
8010.0	8.00	52.6	253	S 73 W	91	7.3	190	S 10	W
8012.0	8.00	56.4	248	S 68 W	100	7.3	189	S 9	W
8014.0	8.00	54.8	251	S 71 W	91	7.3	190	S 10	W
8022.0	8.00	20.9	256	S 76 W	33	7.3	190	S 10	W
8024.0	8.00	32.8	264	S 84 W	90	7.3	190	S 10	W
8026.0	8.00	30.4	266	S 86 W	100	7.3	189	S 9	W
8052.0	8.00	41.4	251	S 71 W	84	7.2	189	S 9	W
8054.0	8.00	37.0	263	S 83 W	100	7.2	189	S 9	W
8056.0	8.00	34.9	275	N 85 W	100	7.2	189	S 9	W
8064.0	8.00	47.1	266	S 86 W	95	7.2	188	S 8	W
8070.0	8.00	59.0	269	S 89 W	51	7.1	189	S 9	W
8072.0	8.00	52.1	273	N 87 W	16	7.1	189	S 9	W
8074.0	8.00	34.6	280	N 80 W	82	7.1	189	S 9	W
8078.0	8.00	45.9	9	N 9 E	100	7.1	188	S 8	W
8080.0	8.00	44.8	12	N 12 E	100	7.0	188	S 8	W
8082.0	8.00	57.9	15	N 15 E	69	7.0	189	S 9	W
8084.0	8.00	23.0	114	S 66 E	53	7.0	189	S 9	W
8090.0	8.00	38.6	105	S 75 E	100	7.0	188	S 8	W
8092.0	8.00	40.3	110	S 70 E	87	7.0	190	S 10	W
8096.0	8.00	39.3	98	S 82 E	94	6.9	189	S 9	W
8104.0	8.00	52.4	96	S 84 E	100	6.8	189	S 9	W
8108.0	8.00	51.5	101	S 79 E	51	6.8	188	S 8	W
8114.0	8.00	37.2	95	S 85 E	90	6.7	188	S 8	W
8116.0	8.00	44.3	97	S 83 E	77	6.6	187	S 7	W
8118.0	8.00	52.0	132	S 48 E	100	6.7	188	S 8	W
8120.0	8.00	34.5	154	S 26 E	100	6.7	187	S 7	W
8126.0	8.00	40.9	134	S 46 E	100	6.6	186	S 6	W
8128.0	8.00	53.1	122	S 58 E	100	6.7	185	S 5	W
8136.0	8.00	21.6	85	N 85 E	100	6.5	184	S 4	W
8140.0	8.00	21.6	90	N 90 E	84	6.5	182	S 2	W
8142.0	8.00	34.0	134	S 46 E	75	6.5	182	S 2	W
8148.0	8.00	41.5	177	S 3 E	93	6.4	181	S 1	W

DIGITAL

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
8150.0	8.00	49.1	205	S 25 W	96	6.4	181	S 1 W	
8152.0	8.00	49.2	195	S 15 W	100	6.4	181	S 1 W	
8162.0	8.00	9.8	155	S 25 E	54	6.3	179	S 1 E	
8164.0	8.00	10.1	153	S 27 E	54	6.3	179	S 1 E	
8188.0	8.00	36.8	148	S 32 E	94	6.2	176	S 4 E	
8192.0	8.00	11.2	197	S 17 W	88	6.3	176	S 4 E	
8194.0	8.00	43.3	236	S 56 W	100	6.2	175	S 5 E	
8196.0	8.00	57.7	301	N 59 W	85	6.2	176	S 4 E	
8200.0	8.00	10.4	330	N 30 W	100	6.2	175	S 5 E	
8218.0	8.00	33.1	315	N 45 W	92	6.2	174	S 6 E	
8220.0	8.00	31.6	322	N 38 W	100	6.2	174	S 6 E	
8224.0	8.00	44.7	334	N 26 W	100	6.3	173	S 7 E	
8226.0	8.00	44.7	341	N 19 W	95	6.3	173	S 7 E	
8230.0	8.00	31.9	346	N 14 W	81	6.2	173	S 7 E	
8240.0	8.00	43.0	332	N 28 W	100	6.2	171	S 9 E	
8242.0	8.00	50.0	19	N 19 E	77	6.1	171	S 9 E	
8244.0	8.00	52.7	18	N 18 E	87	6.1	171	S 9 E	
8246.0	8.00	53.6	0	N 0 E	78	6.2	171	S 9 E	
8250.0	8.00	51.7	315	N 45 W	93	6.3	169	S 11 E	
8256.0	8.00	46.9	310	N 50 W	60	6.3	171	S 9 E	
8272.0	8.00	46.8	327	N 33 W	100	6.1	171	S 9 E	
8276.0	8.00	36.3	266	S 86 W	100	6.1	170	S 10 E	
8278.0	8.00	44.4	257	S 77 W	100	6.1	170	S 10 E	
8280.0	8.00	44.7	256	S 76 W	100	6.1	170	S 10 E	
8284.0	8.00	40.8	246	S 66 W	67	6.1	170	S 10 E	
8288.0	8.00	42.9	247	S 67 W	51	6.0	170	S 10 E	
8290.0	8.00	37.5	254	S 74 W	100	6.0	170	S 10 E	
8312.0	8.00	28.0	210	S 30 W	93	6.1	174	S 6 E	
8316.0	8.00	40.5	209	S 29 W	62	6.0	174	S 6 E	
8324.0	8.00	42.9	191	S 11 W	91	6.1	174	S 6 E	
8326.0	8.00	31.4	149	S 31 E	100	6.0	174	S 6 E	
8330.0	8.00	32.9	155	S 25 E	100	6.1	174	S 6 E	
8332.0	8.00	33.5	154	S 26 E	100	6.3	174	S 6 E	
8338.0	8.00	50.1	163	S 17 E	100	6.2	174	S 6 E	
8356.0	8.00	28.4	182	S 2 W	59	6.1	174	S 6 E	
8360.0	8.00	34.2	246	S 66 W	100	6.1	173	S 7 E	
8372.0	8.00	34.6	251	S 71 W	100	6.0	171	S 9 E	
8374.0	8.00	40.8	250	S 70 W	100	6.2	173	S 7 E	
8376.0	8.00	39.5	238	S 58 W	100	6.2	173	S 7 E	
8382.0	8.00	35.6	222	S 42 W	100	5.9	173	S 7 E	

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
8390.0	8.00	36.3	219	S 39 W	85	6.2	172	S 8 E	
8406.0	8.00	38.6	288	N 72 W	100	6.7	174	S 6 E	
8410.0	8.00	46.8	284	N 76 W	83	6.8	173	S 7 E	
8412.0	8.00	46.9	280	N 80 W	73	6.4	172	S 8 E	
8416.0	8.00	41.3	309	N 51 W	100	6.5	172	S 8 E	
8418.0	8.00	53.6	319	N 41 W	27	6.4	171	S 9 E	
8422.0	8.00	39.8	22	N 22 E	87	6.4	172	S 8 E	
8424.0	8.00	43.0	88	N 88 E	100	6.4	171	S 9 E	
8428.0	8.00	52.8	74	N 74 E	76	6.4	172	S 8 E	
8434.0	8.00	22.2	149	S 31 E	85	6.4	172	S 8 E	
8436.0	8.00	21.2	144	S 36 E	95	6.4	171	S 9 E	
8450.0	8.00	46.6	157	S 23 E	85	6.3	172	S 8 E	
8466.0	8.00	45.6	140	S 40 E	75	6.3	171	S 9 E	
8476.0	8.00	41.9	127	S 53 E	84	6.3	171	S 9 E	
8480.0	8.00	45.3	144	S 36 E	92	6.3	171	S 9 E	
8482.0	8.00	37.1	152	S 28 E	85	6.3	171	S 9 E	
8484.0	8.00	37.7	151	S 29 E	100	6.3	171	S 9 E	
8486.0	8.00	53.1	148	S 32 E	58	6.3	171	S 9 E	
8488.0	8.00	52.8	150	S 30 E	44	6.3	171	S 9 E	
8538.0	8.00	26.3	149	S 31 E	100	5.9	169	S 11 E	
8548.0	8.00	33.1	182	S 2 W	53	6.3	168	S 12 E	
8550.0	8.00	33.3	179	S 1 E	100	6.3	169	S 11 E	
8552.0	8.00	43.5	150	S 30 E	100	6.3	169	S 11 E	
8564.0	8.00	53.6	158	S 22 E	40	6.2	170	S 10 E	
8566.0	8.00	53.5	158	S 22 E	40	6.3	169	S 11 E	
8570.0	8.00	22.4	107	S 73 E	100	6.2	169	S 11 E	
8572.0	8.00	23.9	110	S 70 E	92	6.2	170	S 10 E	
8574.0	8.00	49.6	65	N 65 E	100	6.3	170	S 10 E	
8576.0	8.00	46.8	70	N 70 E	100	6.3	169	S 11 E	
8578.0	8.00	48.1	71	N 71 E	100	6.2	170	S 10 E	
8580.0	8.00	47.8	73	N 73 E	100	6.2	170	S 10 E	
8594.0	8.00	14.2	105	S 75 E	100	6.1	170	S 10 E	
8596.0	8.00	14.2	105	S 75 E	100	6.1	170	S 10 E	
8598.0	8.00	13.4	101	S 79 E	100	6.1	170	S 10 E	
8608.0	8.00	42.9	77	N 77 E	63	6.1	170	S 10 E	
8610.0	8.00	44.1	75	N 75 E	59	6.0	170	S 10 E	
8638.0	8.00	22.6	317	N 43 W	60	6.0	170	S 10 E	
8640.0	8.00	22.3	319	N 41 W	100	6.0	170	S 10 E	
8642.0	8.00	22.4	316	N 44 W	74	6.0	170	S 10 E	
8644.0	8.00	22.9	317	N 43 W	100	6.0	170	S 10 E	

DECEIVED

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
8650.0	8.00	20.1	309	N 51 W	100	6.0	171	S 9 E
8652.0	8.00	14.3	308	N 52 W	100	6.0	170	S 10 E
8662.0	8.00	57.4	301	N 59 W	82	6.1	165	S 15 E
8664.0	8.00	59.0	301	N 59 W	87	6.0	165	S 15 E
8666.0	8.00	42.0	295	N 65 W	85	6.0	164	S 16 E
8668.0	8.00	54.6	351	N 9 W	83	6.0	164	S 16 E
8676.0	8.00	51.5	352	N 8 W	72	5.8	163	S 17 E
8704.0	8.00	7.2	40	N 40 E	100	5.8	162	S 18 E
8708.0	8.00	29.5	34	N 34 E	100	5.8	163	S 17 E
8710.0	8.00	29.7	38	N 38 E	100	5.8	163	S 17 E
8714.0	8.00	43.2	103	S 77 E	39	5.8	162	S 18 E
8722.0	8.00	28.2	108	S 72 E	100	5.8	162	S 18 E
8724.0	8.00	36.0	117	S 63 E	100	5.7	163	S 17 E
8736.0	8.00	60.1	62	N 62 E	46	5.6	163	S 17 E
8750.0	8.00	36.9	60	N 60 E	59	5.7	164	S 16 E
8762.0	8.00	6.6	53	N 53 E	100	5.6	164	S 16 E
8772.0	8.00	54.1	57	N 57 E	75	5.5	163	S 17 E
8774.0	8.00	44.1	58	N 58 E	73	5.5	163	S 17 E
8786.0	8.00	44.9	73	N 73 E	85	5.4	163	S 17 E
8810.0	8.00	49.5	47	N 47 E	36	5.4	162	S 18 E
8812.0	8.00	50.9	49	N 49 E	100	5.4	162	S 18 E
8824.0	8.00	37.7	36	N 36 E	60	5.4	161	S 19 E
8826.0	8.00	54.3	317	N 43 W	57	5.5	163	S 17 E
8836.0	8.00	55.6	315	N 45 W	82	5.4	161	S 19 E
8842.0	8.00	51.4	334	N 26 W	100	5.5	160	S 20 E
8864.0	8.00	5.0	345	N 15 W	88	5.5	160	S 20 E
8878.0	8.00	45.5	336	N 24 W	97	5.9	159	S 21 E
8880.0	8.00	36.2	343	N 17 W	90	5.7	160	S 20 E
8888.0	8.00	62.2	330	N 30 W	39	5.6	159	S 21 E
8890.0	8.00	57.5	318	N 42 W	78	5.6	159	S 21 E
8894.0	8.00	40.0	337	N 23 W	100	5.6	159	S 21 E
8896.0	8.00	39.9	336	N 24 W	69	5.7	160	S 20 E
8898.0	8.00	38.6	333	N 27 W	59	5.6	160	S 20 E
8918.0	8.00	27.2	327	N 33 W	54	5.7	159	S 21 E
8920.0	8.00	50.8	310	N 50 W	100	5.6	159	S 21 E
8922.0	8.00	51.2	311	N 49 W	65	5.6	159	S 21 E
8932.0	8.00	41.9	252	S 72 W	48	5.7	161	S 19 E
8942.0	8.00	59.5	236	S 56 W	58	5.7	159	S 21 E
8946.0	8.00	46.4	225	S 45 W	98	5.7	158	S 22 E
8948.0	8.00	40.7	206	S 26 W	66	5.6	158	S 22 E

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
8958.0	8.00	35.5	236	S 56 W	94	5.7	159	S 21 E
8960.0	8.00	35.4	245	S 65 W	100	5.7	159	S 21 E
8962.0	8.00	33.4	258	S 78 W	100	5.8	159	S 21 E
8966.0	8.00	30.9	248	S 68 W	100	5.8	158	S 22 E
8968.0	8.00	37.9	254	S 74 W	100	5.7	158	S 22 E
8974.0	8.00	49.9	254	S 74 W	59	5.6	158	S 22 E
8976.0	8.00	47.2	249	S 69 W	100	5.7	158	S 22 E
8990.0	8.00	18.5	255	S 75 W	59	5.7	158	S 22 E
8992.0	8.00	18.2	252	S 72 W	59	5.7	158	S 22 E
8998.0	8.00	31.7	141	S 39 E	100	5.7	157	S 23 E
9000.0	8.00	32.7	133	S 47 E	95	5.7	158	S 22 E
9002.0	8.00	32.2	130	S 50 E	100	5.7	158	S 22 E
9004.0	8.00	34.6	128	S 52 E	100	5.7	156	S 24 E
9012.0	8.00	37.6	190	S 10 W	92	5.7	157	S 23 E
9014.0	8.00	21.2	190	S 10 W	100	5.7	158	S 22 E
9016.0	8.00	22.2	205	S 25 W	100	5.8	157	S 23 E
9018.0	8.00	11.6	197	S 17 W	100	5.8	157	S 23 E
9020.0	8.00	24.4	222	S 42 W	100	5.8	157	S 23 E
9022.0	8.00	26.1	226	S 46 W	99	5.8	158	S 22 E
9024.0	8.00	30.6	240	S 60 W	99	5.8	158	S 22 E
9026.0	8.00	41.4	297	N 63 W	83	5.8	157	S 23 E
9030.0	8.00	42.1	351	N 9 W	62	5.8	157	S 23 E
9032.0	8.00	41.6	357	N 3 W	100	5.8	157	S 23 E
9034.0	8.00	39.1	347	N 13 W	100	5.9	157	S 23 E
9036.0	8.00	38.6	346	N 14 W	100	5.8	158	S 22 E
9042.0	8.00	53.5	329	N 31 W	100	6.0	156	S 24 E
9044.0	8.00	42.6	272	N 88 W	85	5.9	159	S 21 E
9046.0	8.00	43.2	261	S 81 W	68	5.9	158	S 22 E
9048.0	8.00	42.3	265	S 85 W	53	5.9	157	S 23 E
9062.0	8.00	16.4	297	N 63 W	100	6.0	156	S 24 E
9064.0	8.00	16.6	293	N 67 W	100	6.0	157	S 23 E
9066.0	8.00	15.9	296	N 64 W	100	6.0	157	S 23 E
9070.0	8.00	26.2	284	N 76 W	100	6.0	156	S 24 E
9072.0	8.00	17.7	83	N 83 E	100	6.1	157	S 23 E
9076.0	8.00	23.8	79	N 79 E	97	6.2	157	S 23 E
9080.0	8.00	48.0	71	N 71 E	100	6.1	157	S 23 E
9082.0	8.00	56.6	51	N 51 E	100	6.2	157	S 23 E
9100.0	8.00	43.1	49	N 49 E	36	6.3	158	S 22 E
9118.0	8.00	42.0	58	N 58 E	100	6.4	158	S 22 E
9120.0	8.00	50.5	42	N 42 E	100	6.4	157	S 23 E

DATE OF LISTING: 12/ 6/85
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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
9122.0	8.00	43.8	52	N 52 E	100	6.3	158	S 22 E
9128.0	8.00	52.0	64	N 64 E	69	6.4	157	S 23 E
9130.0	8.00	45.3	55	N 55 E	34	6.4	157	S 23 E
9132.0	8.00	56.9	52	N 52 E	56	6.4	157	S 23 E
9134.0	8.00	57.1	53	N 53 E	83	6.4	157	S 23 E
9136.0	8.00	55.1	55	N 55 E	100	6.5	157	S 23 E
9138.0	8.00	46.8	41	N 41 E	100	6.4	157	S 23 E
9142.0	8.00	50.2	44	N 44 E	81	6.4	157	S 23 E
9146.0	8.00	41.8	30	N 30 E	67	6.4	157	S 23 E
9148.0	8.00	58.2	313	N 47 W	50	6.4	157	S 23 E
9152.0	8.00	55.0	324	N 36 W	56	6.4	157	S 23 E
9172.0	8.00	34.3	347	N 13 W	100	6.4	156	S 24 E
9174.0	8.00	34.8	353	N 7 W	100	6.4	156	S 24 E
9178.0	8.00	18.0	358	N 2 W	71	6.4	156	S 24 E
9184.0	8.00	32.0	341	N 19 W	92	6.4	156	S 24 E
9188.0	8.00	31.3	342	N 18 W	85	6.4	156	S 24 E
9190.0	8.00	36.9	336	N 24 W	100	6.4	156	S 24 E
9192.0	8.00	57.0	256	S 76 W	55	6.5	156	S 24 E
9210.0	8.00	32.4	220	S 40 W	100	6.4	155	S 25 E
9214.0	8.00	35.6	226	S 46 W	100	6.4	154	S 26 E
9216.0	8.00	38.5	230	S 50 W	64	6.4	155	S 25 E
9218.0	8.00	32.0	217	S 37 W	84	6.4	155	S 25 E
9222.0	8.00	37.5	240	S 60 W	58	6.4	155	S 25 E
9240.0	8.00	49.5	247	S 67 W	100	6.4	154	S 26 E
9244.0	8.00	48.8	245	S 65 W	100	6.4	155	S 25 E
9246.0	8.00	25.5	262	S 82 W	78	6.3	154	S 26 E
9254.0	8.00	34.1	232	S 52 W	100	6.5	155	S 25 E
9268.0	8.00	46.2	240	S 60 W	88	6.4	154	S 26 E
9270.0	8.00	51.3	241	S 61 W	100	6.4	154	S 26 E
9276.0	8.00	43.7	221	S 41 W	100	6.4	154	S 26 E
9278.0	8.00	33.8	194	S 14 W	78	6.5	153	S 27 E
9280.0	8.00	33.7	194	S 14 W	100	6.5	154	S 26 E
9286.0	8.00	27.8	176	S 4 E	85	6.5	153	S 27 E
9288.0	8.00	38.6	181	S 1 W	44	6.5	154	S 26 E
9292.0	8.00	22.7	182	S 2 W	100	6.5	153	S 27 E
9294.0	8.00	44.0	219	S 39 W	91	6.6	153	S 27 E
9306.0	8.00	45.7	235	S 55 W	100	6.5	153	S 27 E
9308.0	8.00	49.0	230	S 50 W	100	6.5	153	S 27 E
9310.0	8.00	47.0	238	S 58 W	100	6.5	153	S 27 E
9314.0	8.00	51.8	235	S 55 W	70	6.5	153	S 27 E

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
9330.0	8.00	34.3	207	S 27 W	100	6.6	152	S 28 E	
9332.0	8.00	35.6	209	S 29 W	100	6.5	152	S 28 E	
9356.0	8.00	12.3	212	S 32 W	100	6.5	153	S 27 E	
9362.0	8.00	34.2	251	S 71 W	100	6.6	153	S 27 E	
9374.0	8.00	51.5	247	S 67 W	92	6.6	152	S 28 E	
9376.0	8.00	44.1	231	S 51 W	93	6.6	152	S 28 E	
9400.0	8.00	16.5	233	S 53 W	100	6.6	152	S 28 E	
9402.0	8.00	13.7	232	S 52 W	100	6.5	151	S 29 E	
9404.0	8.00	4.5	255	S 75 W	100	6.6	151	S 29 E	
9414.0	8.00	45.9	299	N 61 W	70	6.9	161	S 19 E	
9418.0	8.00	46.7	313	N 47 W	88	6.9	160	S 20 E	
9420.0	8.00	45.4	309	N 51 W	88	6.6	162	S 18 E	
9438.0	8.00	53.6	304	N 56 W	21	6.7	161	S 19 E	
9456.0	8.00	38.7	304	N 56 W	96	6.9	161	S 19 E	
9470.0	8.00	35.5	251	S 71 W	63	6.8	160	S 20 E	
9472.0	8.00	35.5	252	S 72 W	63	6.8	160	S 20 E	
9474.0	8.00	51.4	244	S 64 W	64	6.8	160	S 20 E	
9476.0	8.00	33.9	259	S 79 W	45	6.8	160	S 20 E	
9480.0	8.00	17.9	203	S 23 W	100	6.8	160	S 20 E	
9482.0	8.00	17.2	150	S 30 E	100	6.8	160	S 20 E	
9484.0	8.00	4.8	156	S 24 E	100	6.9	160	S 20 E	
9490.0	8.00	44.3	184	S 4 W	34	6.9	159	S 21 E	
9492.0	8.00	43.4	183	S 3 W	64	6.9	160	S 20 E	
9494.0	8.00	30.2	149	S 31 E	65	6.9	159	S 21 E	
9522.0	8.00	51.7	132	S 48 E	57	6.8	158	S 22 E	
9524.0	8.00	43.0	123	S 57 E	43	6.8	158	S 22 E	
9526.0	8.00	36.0	140	S 40 E	65	6.8	157	S 23 E	
9530.0	8.00	52.7	40	N 40 E	85	6.8	158	S 22 E	
9532.0	8.00	53.6	38	N 38 E	100	6.9	158	S 22 E	
9534.0	8.00	53.9	43	N 43 E	100	6.8	157	S 23 E	
9536.0	8.00	53.9	54	N 54 E	97	6.8	157	S 23 E	
9538.0	8.00	55.8	55	N 55 E	85	6.9	157	S 23 E	
9548.0	8.00	43.4	111	S 69 E	69	6.9	157	S 23 E	
9554.0	8.00	48.6	122	S 58 E	55	6.8	157	S 23 E	
9562.0	8.00	44.8	132	S 48 E	76	6.9	157	S 23 E	
9564.0	8.00	42.6	154	S 26 E	76	6.7	155	S 25 E	
9566.0	8.00	47.0	153	S 27 E	69	6.8	156	S 24 E	
9588.0	8.00	17.5	168	S 12 E	44	6.9	155	S 25 E	
9592.0	8.00	37.4	174	S 6 E	100	6.9	155	S 25 E	
9594.0	8.00	40.2	177	S 3 E	81	7.0	155	S 25 E	

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
9596.0	8.00	40.8	160	S 20 E	85	6.9	155	S 25 E
9598.0	8.00	36.7	187	S 7 W	100	6.9	154	S 26 E
9606.0	8.00	48.6	276	N 84 W	78	6.9	154	S 26 E
9608.0	8.00	22.6	292	N 68 W	100	7.0	155	S 25 E
9610.0	8.00	13.6	314	N 46 W	100	7.0	155	S 25 E
9620.0	8.00	50.3	316	N 44 W	72	7.0	154	S 26 E
9622.0	8.00	45.9	325	N 35 W	100	7.0	154	S 26 E
9624.0	8.00	37.1	312	N 48 W	100	7.0	154	S 26 E
9626.0	8.00	37.1	313	N 47 W	100	7.0	154	S 26 E
9628.0	8.00	35.4	314	N 46 W	100	7.0	154	S 26 E
9636.0	8.00	41.1	276	N 84 W	57	7.0	154	S 26 E
9640.0	8.00	28.5	285	N 75 W	100	7.1	154	S 26 E
9642.0	8.00	29.8	283	N 77 W	100	7.0	154	S 26 E
9648.0	8.00	25.2	319	N 41 W	69	7.1	154	S 26 E
9650.0	8.00	46.6	317	N 43 W	58	7.0	153	S 27 E
9654.0	8.00	50.2	334	N 26 W	57	7.0	153	S 27 E
9662.0	8.00	10.0	337	N 23 W	100	6.9	153	S 27 E
9672.0	8.00	37.3	19	N 19 E	84	6.9	150	S 30 E
9674.0	8.00	32.5	19	N 19 E	70	6.9	149	S 31 E
9676.0	8.00	34.5	20	N 20 E	34	6.9	149	S 31 E
9682.0	8.00	29.0	336	N 24 W	76	7.0	149	S 31 E
9684.0	8.00	40.1	311	N 49 W	59	7.0	149	S 31 E
9702.0	8.00	47.9	297	N 63 W	63	7.0	148	S 32 E
9706.0	8.00	53.2	273	N 87 W	62	7.0	149	S 31 E
9708.0	8.00	52.9	273	N 87 W	64	7.1	148	S 32 E
9724.0	8.00	50.8	239	S 59 W	100	7.1	148	S 32 E
9726.0	8.00	40.1	240	S 60 W	90	7.1	149	S 31 E
9728.0	8.00	46.0	226	S 46 W	100	7.1	148	S 32 E
9730.0	8.00	46.1	224	S 44 W	100	7.1	148	S 32 E
9732.0	8.00	45.1	225	S 45 W	76	7.1	149	S 31 E
9736.0	8.00	54.4	290	N 70 W	88	7.1	148	S 32 E
9738.0	8.00	39.4	278	N 82 W	100	7.1	149	S 31 E
9740.0	8.00	47.3	301	N 59 W	100	7.1	148	S 32 E
9744.0	8.00	37.6	339	N 21 W	90	7.1	148	S 32 E
9754.0	8.00	28.5	356	N 4 W	87	7.0	148	S 32 E
9760.0	8.00	12.4	355	N 5 W	100	7.1	148	S 32 E
9776.0	8.00	40.5	11	N 11 E	100	7.1	148	S 32 E
9778.0	8.00	34.5	28	N 28 E	83	7.1	149	S 31 E
9780.0	8.00	24.5	57	N 57 E	100	7.2	148	S 32 E
9792.0	8.00	26.1	55	N 55 E	49	7.0	148	S 32 E

PROOF

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
9810.0	8.00	56.7	21	N 21 E	100	7.0	148	S 32 E
9818.0	8.00	52.3	31	N 31 E	57	7.0	148	S 32 E
9820.0	8.00	50.0	31	N 31 E	100	6.9	148	S 32 E
9822.0	8.00	49.2	30	N 30 E	100	6.9	148	S 32 E
9824.0	8.00	47.3	29	N 29 E	100	6.9	148	S 32 E
9834.0	8.00	20.9	57	N 57 E	65	6.9	148	S 32 E
9836.0	8.00	28.6	53	N 53 E	93	6.9	148	S 32 E
9838.0	8.00	31.7	44	N 44 E	100	6.9	148	S 32 E
9840.0	8.00	31.1	44	N 44 E	93	6.9	148	S 32 E
9862.0	8.00	49.9	35	N 35 E	76	6.8	148	S 32 E
9874.0	8.00	42.3	62	N 62 E	80	6.8	148	S 32 E
9878.0	8.00	45.0	82	N 82 E	60	6.8	148	S 32 E
9886.0	8.00	49.8	62	N 62 E	71	6.8	151	S 29 E
9888.0	8.00	45.7	47	N 47 E	74	6.8	151	S 29 E
9890.0	8.00	31.2	66	N 66 E	88	6.8	149	S 31 E
9892.0	8.00	48.6	50	N 50 E	66	6.8	148	S 32 E
9894.0	8.00	31.5	28	N 28 E	100	6.9	148	S 32 E
9906.0	8.00	50.1	39	N 39 E	77	6.7	148	S 32 E
9924.0	8.00	46.8	40	N 40 E	79	6.8	148	S 32 E
9926.0	8.00	38.9	358	N 2 W	100	6.8	148	S 32 E
9928.0	8.00	39.4	356	N 4 W	100	6.7	148	S 32 E
9938.0	8.00	52.4	33	N 33 E	78	6.7	148	S 32 E
9942.0	8.00	53.2	45	N 45 E	100	6.7	148	S 32 E
9944.0	8.00	43.8	20	N 20 E	68	6.7	148	S 32 E
9960.0	8.00	41.8	24	N 24 E	75	6.7	148	S 32 E
9970.0	8.00	49.8	41	N 41 E	100	6.7	148	S 32 E
9972.0	8.00	48.9	41	N 41 E	100	6.6	148	S 32 E
9974.0	8.00	45.5	42	N 42 E	89	6.7	148	S 32 E
9986.0	8.00	43.8	59	N 59 E	82	6.6	148	S 32 E
9994.0	8.00	11.2	30	N 30 E	100	6.6	148	S 32 E
9996.0	8.00	12.9	37	N 37 E	82	6.6	148	S 32 E
10008.0	8.00	26.3	9	N 9 E	61	6.6	149	S 31 E
10012.0	8.00	45.7	347	N 13 W	90	6.6	149	S 31 E
10032.0	8.00	52.1	341	N 19 W	100	6.6	148	S 32 E
10034.0	8.00	54.4	326	N 34 W	100	6.6	148	S 32 E
10036.0	8.00	54.2	327	N 33 W	100	6.6	148	S 32 E
10042.0	8.00	41.0	337	N 23 W	90	6.6	148	S 32 E
10044.0	8.00	40.8	334	N 26 W	52	6.6	147	S 33 E
10050.0	8.00	49.0	339	N 21 W	64	6.5	147	S 33 E
10052.0	8.00	50.0	8	N 8 E	60	6.5	148	S 32 E

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
10062.0	8.00	42.4	45	N 45 E	85	6.5	147	S 33 E	
10064.0	8.00	38.6	61	N 61 E	98	6.4	146	S 34 E	
10066.0	8.00	49.2	77	N 77 E	47	6.4	146	S 34 E	
10068.0	8.00	50.6	72	N 72 E	47	6.5	146	S 34 E	
10110.0	8.00	37.7	71	N 71 E	100	6.5	146	S 34 E	
10120.0	8.00	44.3	57	N 57 E	100	6.5	146	S 34 E	
10124.0	8.00	42.2	68	N 68 E	100	6.5	146	S 34 E	
10128.0	8.00	55.7	41	N 41 E	100	6.5	148	S 32 E	
10130.0	8.00	44.7	46	N 46 E	79	6.5	146	S 34 E	
10132.0	8.00	43.2	18	N 18 E	53	6.5	147	S 33 E	
10136.0	8.00	9.3	11	N 11 E	64	6.5	147	S 33 E	
10142.0	8.00	38.7	57	N 57 E	83	6.5	146	S 34 E	
10144.0	8.00	41.2	54	N 54 E	100	6.5	146	S 34 E	
10146.0	8.00	31.9	59	N 59 E	99	6.5	146	S 34 E	
10148.0	8.00	45.8	42	N 42 E	100	6.5	146	S 34 E	
10150.0	8.00	41.1	51	N 51 E	100	6.4	146	S 34 E	
10158.0	8.00	47.4	54	N 54 E	85	6.4	146	S 34 E	
10162.0	8.00	44.4	57	N 57 E	93	6.5	146	S 34 E	
10170.0	8.00	54.1	221	S 41 W	66	6.3	146	S 34 E	
10184.0	8.00	27.0	221	S 41 W	76	6.4	146	S 34 E	
10190.0	8.00	48.5	210	S 30 W	79	6.4	146	S 34 E	
10198.0	8.00	29.4	199	S 19 W	85	6.5	146	S 34 E	
10200.0	8.00	44.1	270	N 90 W	100	6.4	146	S 34 E	
10202.0	8.00	45.1	269	S 89 W	100	6.4	146	S 34 E	
10206.0	8.00	38.2	271	N 89 W	80	6.4	146	S 34 E	
10214.0	8.00	54.0	354	N 6 W	100	6.4	146	S 34 E	
10216.0	8.00	30.4	346	N 14 W	100	6.4	146	S 34 E	
10220.0	8.00	29.8	346	N 14 W	100	6.3	146	S 34 E	
10222.0	8.00	53.2	323	N 37 W	88	6.3	146	S 34 E	
10228.0	8.00	55.9	333	N 27 W	77	6.4	146	S 34 E	
10230.0	8.00	40.1	325	N 35 W	92	6.4	146	S 34 E	
10244.0	8.00	22.3	308	N 52 W	80	6.3	146	S 34 E	
10254.0	8.00	51.4	325	N 35 W	75	6.2	146	S 34 E	
10256.0	8.00	51.4	330	N 30 W	71	6.2	146	S 34 E	
10258.0	8.00	50.9	331	N 29 W	100	6.2	146	S 34 E	
10280.0	8.00	43.4	309	N 51 W	31	6.2	147	S 33 E	
10284.0	8.00	48.4	244	S 64 W	71	6.1	147	S 33 E	
10286.0	8.00	49.3	186	S 6 W	70	6.1	146	S 34 E	
10288.0	8.00	49.1	188	S 8 W	56	6.2	146	S 34 E	
10290.0	8.00	31.2	183	S 3 W	93	6.2	146	S 34 E	

DISCOVERY

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
10292.0	8.00	40.0	168	S 12 E	82	6.2	146	S 34 E
10304.0	8.00	10.4	168	S 12 E	100	6.2	146	S 34 E
10308.0	8.00	57.4	150	S 30 E	88	6.1	146	S 34 E
10312.0	8.00	19.7	148	S 32 E	26	6.0	146	S 34 E
10328.0	8.00	52.6	140	S 40 E	100	5.9	147	S 33 E
10352.0	8.00	56.7	136	S 44 E	37	6.0	147	S 33 E
10354.0	8.00	53.5	141	S 39 E	50	5.9	147	S 33 E
10356.0	8.00	52.2	152	S 28 E	65	5.9	146	S 34 E
10360.0	8.00	59.1	145	S 35 E	76	5.8	146	S 34 E
10364.0	8.00	52.3	136	S 44 E	52	5.8	147	S 33 E
10376.0	8.00	46.4	148	S 32 E	89	5.7	147	S 33 E
10378.0	8.00	49.1	140	S 40 E	100	5.7	148	S 32 E
10402.0	8.00	53.8	145	S 35 E	31	5.6	148	S 32 E
10404.0	8.00	53.7	144	S 36 E	24	5.6	148	S 32 E
10406.0	8.00	50.1	170	S 10 E	54	5.5	150	S 30 E
10412.0	8.00	39.6	178	S 2 E	21	5.5	150	S 30 E
10424.0	8.00	43.7	161	S 19 E	65	5.5	151	S 29 E
10426.0	8.00	43.2	163	S 17 E	37	5.5	151	S 29 E
10430.0	8.00	53.6	165	S 15 E	37	5.5	151	S 29 E
10442.0	8.00	17.4	162	S 18 E	100	5.4	151	S 29 E
10448.0	8.00	45.3	179	S 1 E	100	5.4	151	S 29 E
10452.0	8.00	60.6	211	S 31 W	59	5.4	152	S 28 E
10454.0	8.00	49.0	193	S 13 W	100	5.4	152	S 28 E
10456.0	8.00	65.6	198	S 18 W	49	5.3	151	S 29 E
10468.0	8.00	35.9	188	S 8 W	78	5.3	153	S 27 E
10470.0	8.00	34.7	189	S 9 W	100	5.3	153	S 27 E
10474.0	8.00	51.5	130	S 50 E	93	5.3	152	S 28 E
10476.0	8.00	52.0	129	S 51 E	60	5.3	152	S 28 E
10478.0	8.00	48.9	160	S 20 E	100	5.3	153	S 27 E
10484.0	8.00	55.9	146	S 34 E	60	5.2	151	S 29 E
10488.0	8.00	51.5	124	S 56 E	100	5.2	151	S 29 E
10490.0	8.00	52.3	127	S 53 E	100	5.2	151	S 29 E
10492.0	8.00	55.9	116	S 64 E	100	5.2	151	S 29 E
10508.0	8.00	57.4	123	S 57 E	46	5.2	153	S 27 E
10510.0	8.00	56.8	124	S 56 E	50	5.1	152	S 28 E
10520.0	8.00	57.8	148	S 32 E	59	5.1	152	S 28 E
10524.0	8.00	53.0	158	S 22 E	93	5.0	153	S 27 E
10528.0	8.00	40.7	118	S 62 E	65	5.1	153	S 27 E
10538.0	8.00	42.4	130	S 50 E	64	5.0	154	S 26 E
10542.0	8.00	46.4	128	S 52 E	52	5.0	154	S 26 E

DISCARDED

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
10548.0	8.00	40.8	89	N 89 E	68	4.9	154	S 26 E
10552.0	8.00	35.9	104	S 76 E	100	4.9	154	S 26 E
10554.0	8.00	50.2	126	S 54 E	73	4.9	154	S 26 E
10556.0	8.00	41.6	124	S 56 E	79	4.9	154	S 26 E
10558.0	8.00	42.3	102	S 78 E	76	4.9	154	S 26 E
10560.0	8.00	41.7	99	S 81 E	78	4.9	155	S 25 E
10562.0	8.00	42.9	105	S 75 E	14	4.9	155	S 25 E
10566.0	8.00	38.3	150	S 30 E	57	4.9	154	S 26 E
10568.0	8.00	40.3	147	S 33 E	57	4.8	155	S 25 E
10580.0	8.00	56.4	132	S 48 E	57	4.7	155	S 25 E
10582.0	8.00	53.2	163	S 17 E	35	4.7	155	S 25 E
10584.0	8.00	53.9	161	S 19 E	28	4.7	156	S 24 E
10596.0	8.00	62.9	115	S 65 E	100	4.6	156	S 24 E
10598.0	8.00	60.4	116	S 64 E	85	4.6	156	S 24 E
10600.0	8.00	57.4	117	S 63 E	100	4.7	157	S 23 E
10602.0	8.00	50.6	125	S 55 E	100	4.6	156	S 24 E
10604.0	8.00	60.8	91	S 89 E	95	4.6	157	S 23 E
10606.0	8.00	51.5	70	N 70 E	87	4.6	158	S 22 E
10618.0	8.00	15.8	55	N 55 E	100	4.5	159	S 21 E
10620.0	8.00	68.1	20	N 20 E	34	4.5	158	S 22 E
10622.0	8.00	68.0	21	N 21 E	61	4.5	159	S 21 E
10628.0	8.00	59.7	332	N 28 W	50	4.5	159	S 21 E
10632.0	8.00	48.7	346	N 14 W	100	4.5	160	S 20 E
10634.0	8.00	59.2	335	N 25 W	92	4.5	159	S 21 E
10636.0	8.00	62.9	4	N 4 E	81	4.5	160	S 20 E
10638.0	8.00	63.3	4	N 4 E	84	4.5	160	S 20 E
10652.0	8.00	48.4	62	N 62 E	53	4.4	161	S 19 E
10656.0	8.00	41.0	63	N 63 E	77	4.4	161	S 19 E
10658.0	8.00	46.2	66	N 66 E	95	4.4	161	S 19 E
10670.0	8.00	64.4	121	S 59 E	36	4.3	162	S 18 E
10672.0	8.00	53.3	147	S 33 E	78	4.3	163	S 17 E
10674.0	8.00	60.7	129	S 51 E	57	4.3	162	S 18 E
10676.0	8.00	56.5	145	S 35 E	80	4.3	162	S 18 E
10682.0	8.00	12.8	151	S 29 E	82	4.3	162	S 18 E
10684.0	8.00	25.5	169	S 11 E	59	4.3	163	S 17 E
10690.0	8.00	38.2	164	S 16 E	82	4.3	163	S 17 E
10706.0	8.00	12.9	143	S 37 E	100	4.2	164	S 16 E
10708.0	8.00	53.9	123	S 57 E	100	4.2	164	S 16 E
10710.0	8.00	58.0	110	S 70 E	100	4.2	165	S 15 E
10712.0	8.00	58.4	108	S 72 E	100	4.1	165	S 15 E

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
J.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
10714.0	8.00	53.4	111	S 69 E	100	4.1	165	S 15 E	
10722.0	8.00	33.1	147	S 33 E	100	4.1	165	S 15 E	
10724.0	8.00	39.2	150	S 30 E	100	4.1	164	S 16 E	
10726.0	8.00	50.2	119	S 61 E	100	4.1	165	S 15 E	
10730.0	8.00	46.5	123	S 57 E	61	4.1	166	S 14 E	
10732.0	8.00	49.0	122	S 58 E	99	4.1	166	S 14 E	
10734.0	8.00	53.4	121	S 59 E	82	4.1	167	S 13 E	
10744.0	8.00	48.1	117	S 63 E	100	4.1	167	S 13 E	
10746.0	8.00	33.1	142	S 38 E	73	4.1	167	S 13 E	
10752.0	8.00	56.0	145	S 35 E	54	4.0	168	S 12 E	
10754.0	8.00	56.4	144	S 36 E	57	4.0	167	S 13 E	
10762.0	8.00	53.3	112	S 68 E	100	4.0	168	S 12 E	
10764.0	8.00	52.2	117	S 63 E	100	3.9	168	S 12 E	
10766.0	8.00	47.6	119	S 61 E	100	3.9	168	S 12 E	
10772.0	8.00	47.4	118	S 62 E	100	3.9	169	S 11 E	
10774.0	8.00	51.8	116	S 64 E	100	3.9	170	S 10 E	
10788.0	8.00	54.5	117	S 63 E	100	3.8	170	S 10 E	
10790.0	8.00	53.5	120	S 60 E	100	3.8	171	S 9 E	
10792.0	8.00	56.2	116	S 64 E	100	3.8	171	S 9 E	
10794.0	8.00	54.3	124	S 56 E	99	3.8	171	S 9 E	
10796.0	8.00	53.9	115	S 65 E	77	3.8	171	S 9 E	
10798.0	8.00	54.0	115	S 65 E	100	3.7	172	S 8 E	
10800.0	8.00	50.6	117	S 63 E	86	3.7	172	S 8 E	
10802.0	8.00	64.4	117	S 63 E	62	3.7	172	S 8 E	
10804.0	8.00	62.6	117	S 63 E	87	3.7	172	S 8 E	
10806.0	8.00	28.0	123	S 57 E	89	3.7	173	S 7 E	
10810.0	8.00	52.4	119	S 61 E	85	3.7	174	S 6 E	
10812.0	8.00	49.4	119	S 61 E	100	3.7	173	S 7 E	
10814.0	8.00	52.8	112	S 68 E	100	3.7	174	S 6 E	
10816.0	8.00	52.3	113	S 67 E	100	3.7	174	S 6 E	
10822.0	8.00	52.7	112	S 68 E	100	3.6	174	S 6 E	
10824.0	8.00	52.0	113	S 67 E	100	3.6	175	S 5 E	
10826.0	8.00	47.6	112	S 68 E	100	3.6	175	S 5 E	
10828.0	8.00	48.4	110	S 70 E	51	3.6	175	S 5 E	
10830.0	8.00	49.6	79	N 79 E	100	3.6	176	S 4 E	
10832.0	8.00	49.4	75	N 75 E	100	3.6	176	S 4 E	
10842.0	8.00	51.5	79	N 79 E	45	3.5	177	S 3 E	
10844.0	8.00	61.6	125	S 55 E	53	3.5	178	S 2 E	
10846.0	8.00	59.4	129	S 51 E	58	3.5	178	S 2 E	
10848.0	8.00	61.7	127	S 53 E	57	3.5	178	S 2 E	

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
J.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
10854.0	8.00	38.0	78	N 78 E	28	3.4	179	S 1 E
10856.0	8.00	28.9	62	N 62 E	54	3.5	179	S 1 E
10858.0	8.00	51.1	94	S 86 E	81	3.5	179	S 1 E
10860.0	8.00	60.2	110	S 70 E	99	3.4	180	S 0 E
10864.0	8.00	45.9	111	S 69 E	100	3.4	180	S 0 E
10866.0	8.00	47.2	114	S 66 E	83	3.4	180	S 0 E
10868.0	8.00	49.1	114	S 66 E	82	3.4	181	S 1 W
10870.0	8.00	42.6	116	S 64 E	88	3.4	181	S 1 W
10884.0	8.00	62.1	99	S 81 E	67	3.4	182	S 2 W
10886.0	8.00	50.6	127	S 53 E	87	3.4	183	S 3 W
10896.0	8.00	60.7	175	S 5 E	69	3.4	185	S 5 W
10904.0	8.00	54.8	165	S 15 E	52	3.3	186	S 6 W
10912.0	8.00	14.4	151	S 29 E	100	3.3	187	S 7 W
10916.0	8.00	47.4	156	S 24 E	91	3.3	188	S 8 W
10920.0	8.00	56.9	135	S 45 E	36	3.3	188	S 8 W
10930.0	8.00	62.3	107	S 73 E	65	3.3	189	S 9 W
10940.0	8.00	48.8	82	N 82 E	75	3.3	189	S 9 W
10942.0	8.00	48.7	82	N 82 E	71	3.3	189	S 9 W
10964.0	8.00	34.3	82	N 82 E	100	3.3	190	S 10 W
10966.0	8.00	44.3	92	S 88 E	100	3.3	190	S 10 W
10974.0	8.00	54.8	149	S 31 E	80	3.2	193	S 13 W
10976.0	8.00	54.9	147	S 33 E	100	3.2	193	S 13 W
10978.0	8.00	55.4	145	S 35 E	68	3.3	193	S 13 W
10984.0	8.00	63.3	113	S 67 E	96	3.3	194	S 14 W
10986.0	8.00	61.5	117	S 63 E	68	3.3	194	S 14 W
10988.0	8.00	58.0	114	S 66 E	80	3.2	194	S 14 W
10990.0	8.00	64.1	112	S 68 E	46	3.2	194	S 14 W
10992.0	8.00	33.9	134	S 46 E	100	3.2	194	S 14 W
11014.0	8.00	48.1	120	S 60 E	55	3.2	197	S 17 W
11016.0	8.00	49.7	105	S 75 E	70	3.1	197	S 17 W
11034.0	8.00	11.6	101	S 79 E	100	3.2	197	S 17 W
11036.0	8.00	13.2	105	S 75 E	100	3.3	198	S 18 W
11038.0	8.00	11.6	115	S 65 E	100	3.1	196	S 16 W
11074.0	8.00	58.7	114	S 66 E	92	3.3	199	S 19 W
11076.0	8.00	57.8	112	S 68 E	62	3.3	200	S 20 W
11116.0	8.00	53.4	98	S 82 E	73	3.6	205	S 25 W
11118.0	8.00	52.2	109	S 71 E	100	3.5	206	S 26 W
11120.0	8.00	55.1	111	S 69 E	16	3.5	207	S 27 W
11126.0	8.00	57.2	111	S 69 E	100	3.6	207	S 27 W
11128.0	8.00	59.5	115	S 65 E	100	3.5	208	S 28 W

DATE OF LISTING: 12/ 6/85
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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
11134.0	8.00	41.7	139	S 41 E	72	3.6	209	S 29 W
11136.0	8.00	51.6	122	S 58 E	40	3.6	209	S 29 W
11138.0	8.00	44.3	149	S 31 E	54	3.6	209	S 29 W
11140.0	8.00	59.3	134	S 46 E	89	3.6	209	S 29 W
11142.0	8.00	60.3	125	S 55 E	89	3.6	209	S 29 W
11144.0	8.00	55.9	133	S 47 E	89	3.6	209	S 29 W
11146.0	8.00	57.4	133	S 47 E	100	3.6	209	S 29 W
11148.0	8.00	44.0	67	N 67 E	53	3.6	209	S 29 W
11150.0	8.00	45.9	70	N 70 E	98	3.6	210	S 30 W
11152.0	8.00	48.6	101	S 79 E	100	3.6	210	S 30 W
11154.0	8.00	48.5	95	S 85 E	100	3.6	210	S 30 W
11156.0	8.00	49.0	100	S 80 E	100	3.6	211	S 31 W
11158.0	8.00	47.2	103	S 77 E	100	3.6	211	S 31 W
11168.0	8.00	30.4	102	S 78 E	82	3.7	212	S 32 W
11188.0	8.00	58.6	75	N 75 E	63	3.6	211	S 31 W
11190.0	8.00	57.8	74	N 74 E	92	3.6	213	S 33 W
11192.0	8.00	53.8	50	N 50 E	67	3.8	215	S 35 W
11200.0	8.00	57.9	56	N 56 E	100	3.9	216	S 36 W
11202.0	8.00	55.8	65	N 65 E	71	3.9	216	S 36 W
11214.0	8.00	66.3	56	N 56 E	100	3.9	218	S 38 W
11216.0	8.00	62.5	48	N 48 E	75	3.9	217	S 37 W
11218.0	8.00	60.3	54	N 54 E	93	3.9	218	S 38 W
11222.0	8.00	49.5	61	N 61 E	39	4.0	218	S 38 W
11228.0	8.00	49.7	90	N 90 E	14	4.0	220	S 40 W
11230.0	8.00	49.3	86	N 86 E	22	4.0	219	S 39 W
11232.0	8.00	46.0	82	N 82 E	23	4.0	219	S 39 W
11234.0	8.00	59.8	105	S 75 E	32	3.9	217	S 37 W
11250.0	8.00	64.3	100	S 80 E	55	4.0	220	S 40 W
11252.0	8.00	64.5	101	S 79 E	93	4.1	221	S 41 W
11254.0	8.00	58.0	124	S 56 E	62	4.1	221	S 41 W
11258.0	8.00	58.3	129	S 51 E	100	4.1	221	S 41 W
11260.0	8.00	44.9	184	S 4 W	91	4.1	221	S 41 W
11262.0	8.00	44.3	187	S 7 W	95	4.1	222	S 42 W
11270.0	8.00	53.6	260	S 80 W	66	4.1	221	S 41 W
11272.0	8.00	53.5	255	S 75 W	68	4.1	222	S 42 W
11274.0	8.00	53.4	252	S 72 W	65	4.1	222	S 42 W
11278.0	8.00	22.7	255	S 75 W	61	4.1	223	S 43 W
11304.0	8.00	54.9	197	S 17 W	71	4.3	226	S 46 W
11310.0	8.00	47.9	198	S 18 W	77	4.2	227	S 47 W
11314.0	8.00	48.5	198	S 18 W	100	4.2	226	S 46 W

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EXXON COMPANY, U.S.A. DIP3389
J.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
11316.0	8.00	59.0	231	S 51 W	100	4.3	228	S 48 W
11330.0	8.00	55.3	245	S 65 W	89	4.2	228	S 48 W
11332.0	8.00	55.4	244	S 64 W	96	4.3	229	S 49 W
11338.0	8.00	50.7	197	S 17 W	31	4.2	228	S 48 W
11340.0	8.00	50.4	200	S 20 W	68	4.3	230	S 50 W
11344.0	8.00	50.5	190	S 10 W	100	4.3	229	S 49 W
11346.0	8.00	37.1	149	S 31 E	63	4.3	230	S 50 W
11350.0	8.00	37.5	147	S 33 E	28	4.3	232	S 52 W
11352.0	8.00	49.1	41	N 41 E	20	4.3	232	S 52 W
11354.0	8.00	51.8	26	N 26 E	78	4.4	229	S 49 W
11358.0	8.00	60.1	25	N 25 E	89	4.4	233	S 53 W
11360.0	8.00	59.2	46	N 46 E	90	4.4	231	S 51 W
11366.0	8.00	63.2	49	N 49 E	100	4.4	233	S 53 W
11368.0	8.00	50.5	82	N 82 E	23	4.3	233	S 53 W
11370.0	8.00	50.5	87	N 87 E	9	4.4	234	S 54 W
11378.0	8.00	31.0	95	S 85 E	72	4.5	234	S 54 W
11380.0	8.00	30.1	143	S 37 E	85	4.4	233	S 53 W
11382.0	8.00	50.5	130	S 50 E	100	4.5	234	S 54 W
11384.0	8.00	43.3	124	S 56 E	69	4.5	234	S 54 W
11390.0	8.00	61.7	112	S 68 E	45	4.5	235	S 55 W
11426.0	8.00	29.5	93	S 87 E	70	4.7	240	S 60 W
11434.0	8.00	52.2	91	S 89 E	96	4.7	239	S 59 W
11436.0	8.00	54.7	103	S 77 E	84	4.8	240	S 60 W
11438.0	8.00	50.5	105	S 75 E	62	4.7	240	S 60 W
11466.0	8.00	8.1	104	S 76 E	72	5.0	242	S 62 W
11468.0	8.00	12.6	106	S 74 E	75	5.1	243	S 63 W
11472.0	8.00	3.9	137	S 43 E	100	5.2	245	S 65 W
11474.0	8.00	4.2	138	S 42 E	66	5.2	245	S 65 W
11476.0	8.00	4.9	140	S 40 E	76	4.6	248	S 68 W
11486.0	8.00	55.3	190	S 10 W	39	5.2	245	S 65 W
11498.0	8.00	51.7	228	S 48 W	50	5.1	244	S 64 W
11502.0	8.00	36.9	259	S 79 W	64	5.1	244	S 64 W
11504.0	8.00	36.8	256	S 76 W	66	5.3	245	S 65 W
11510.0	8.00	59.1	236	S 56 W	34	5.4	247	S 67 W
11516.0	8.00	61.6	252	S 72 W	60	5.2	245	S 65 W
11518.0	8.00	61.1	252	S 72 W	57	5.6	247	S 67 W
11520.0	8.00	49.8	207	S 27 W	67	5.3	244	S 64 W
11532.0	8.00	49.3	186	S 6 W	52	5.8	249	S 69 W
11538.0	8.00	51.4	195	S 15 W	80	5.7	248	S 68 W
11544.0	8.00	49.2	195	S 15 W	83	5.7	249	S 69 W

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EXXON COMPANY, U.S.A. DIP3389
J.P.R.P. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
11552.0	8.00	57.9	269	S 89 W	41	5.9	251	S 71 W	
11558.0	8.00	55.3	289	N 71 W	57	5.6	248	S 68 W	
11562.0	8.00	42.9	336	N 24 W	44	5.7	247	S 67 W	
11572.0	8.00	33.3	358	N 2 W	99	6.0	251	S 71 W	
11576.0	8.00	40.0	22	N 22 E	60	5.8	250	S 70 W	
11586.0	8.00	53.6	38	N 38 E	88	6.0	252	S 72 W	
11588.0	8.00	54.1	58	N 58 E	79	6.1	251	S 71 W	
11590.0	8.00	35.5	62	N 62 E	87	5.8	251	S 71 W	
11602.0	8.00	45.0	62	N 62 E	88	6.0	252	S 72 W	
11606.0	8.00	57.1	100	S 80 E	61	5.9	250	S 70 W	
11612.0	8.00	30.0	98	S 82 E	66	6.2	251	S 71 W	
11616.0	8.00	34.9	110	S 70 E	100	6.3	253	S 73 W	
11618.0	8.00	34.5	105	S 75 E	100	6.2	253	S 73 W	
11620.0	8.00	21.4	88	N 88 E	100	6.3	253	S 73 W	
11622.0	8.00	10.9	105	S 75 E	81	6.3	252	S 72 W	
11638.0	8.00	60.3	112	S 68 E	81	6.3	254	S 74 W	
11648.0	8.00	58.6	92	S 88 E	79	6.4	254	S 74 W	
11652.0	8.00	44.6	277	N 83 W	75	6.5	254	S 74 W	
11656.0	8.00	47.8	273	N 87 W	96	6.4	253	S 73 W	
11658.0	8.00	47.7	274	N 86 W	78	6.5	253	S 73 W	
11662.0	8.00	48.4	281	N 79 W	98	6.2	254	S 74 W	
11674.0	8.00	26.4	274	N 86 W	99	6.3	252	S 72 W	
11678.0	8.00	4.8	295	N 65 W	100	6.8	255	S 75 W	
11680.0	8.00	4.9	296	N 64 W	76	6.8	256	S 76 W	
11682.0	8.00	6.2	301	N 59 W	72	6.8	256	S 76 W	
11688.0	8.00	31.8	275	N 85 W	100	6.4	258	S 78 W	
11690.0	8.00	31.5	275	N 85 W	100	6.4	257	S 77 W	
11692.0	8.00	40.8	274	N 86 W	92	6.6	256	S 76 W	
11698.0	8.00	11.2	261	S 81 W	48	6.7	253	S 73 W	
11706.0	8.00	47.0	279	N 81 W	58	6.8	253	S 73 W	
11708.0	8.00	9.1	292	N 68 W	59	6.8	256	S 76 W	
11714.0	8.00	34.3	283	N 77 W	92	6.3	252	S 72 W	
11718.0	8.00	46.9	281	N 79 W	100	6.5	253	S 73 W	
11720.0	8.00	45.1	280	N 80 W	100	6.8	257	S 77 W	
11722.0	8.00	44.7	277	N 83 W	100	6.9	256	S 76 W	
11726.0	8.00	18.6	52	N 52 E	100	6.9	255	S 75 W	
11734.0	8.00	13.3	93	S 87 E	100	6.9	255	S 75 W	
11736.0	8.00	13.1	90	N 90 E	100	7.0	255	S 75 W	
11740.0	8.00	13.1	77	N 77 E	100	7.0	256	S 76 W	
11746.0	8.00	6.7	75	N 75 E	100	6.6	260	S 80 W	

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
11752.0	8.00	12.1	85	N 85 E	100	7.0	256	S 76	W
11762.0	8.00	6.4	76	N 76 E	87	7.1	256	S 76	W
11776.0	8.00	3.5	61	N 61 E	80	7.3	256	S 76	W
11778.0	8.00	48.8	54	N 54 E	59	7.2	256	S 76	W
11780.0	8.00	59.4	91	S 89 E	100	7.2	255	S 75	W
11784.0	8.00	24.3	91	S 89 E	70	7.2	256	S 76	W
11796.0	8.00	52.6	83	N 83 E	52	7.1	255	S 75	W
11798.0	8.00	49.2	96	S 84 E	32	7.2	258	S 78	W
11800.0	8.00	5.8	65	N 65 E	29	7.1	257	S 77	W
11810.0	8.00	21.5	40	N 40 E	95	7.1	254	S 74	W
11816.0	8.00	55.1	34	N 34 E	100	7.2	252	S 72	W
11818.0	8.00	64.5	40	N 40 E	100	7.2	253	S 73	W
11824.0	8.00	22.4	8	N 8 E	75	7.1	252	S 72	W
11828.0	8.00	33.7	28	N 28 E	78	7.1	253	S 73	W
11844.0	8.00	38.3	82	N 82 E	100	7.0	252	S 72	W
11850.0	8.00	39.3	73	N 73 E	100	7.0	252	S 72	W
11858.0	8.00	47.3	90	N 90 E	98	7.0	252	S 72	W
11860.0	8.00	56.3	132	S 48 E	85	7.0	252	S 72	W
11876.0	8.00	65.0	153	S 27 E	91	7.0	252	S 72	W
11878.0	8.00	56.0	179	S 1 E	100	7.0	252	S 72	W
11880.0	8.00	43.3	176	S 4 E	100	7.0	252	S 72	W
11882.0	8.00	75.9	152	S 28 E	100	7.0	251	S 71	W
11884.0	8.00	64.7	152	S 28 E	57	6.9	252	S 72	W
11888.0	8.00	57.3	150	S 30 E	100	6.9	252	S 72	W
11900.0	8.00	80.7	66	N 66 E	100	7.2	252	S 72	W
11906.0	8.00	57.6	63	N 63 E	74	7.2	252	S 72	W
11914.0	8.00	71.1	31	N 31 E	88	7.2	252	S 72	W
11916.0	8.00	50.3	51	N 51 E	43	7.2	251	S 71	W
11918.0	8.00	64.1	55	N 55 E	86	7.3	252	S 72	W
11930.0	8.00	39.7	38	N 38 E	100	7.4	252	S 72	W
11936.0	8.00	29.2	96	S 84 E	93	7.4	252	S 72	W
11938.0	8.00	26.3	95	S 85 E	99	7.4	252	S 72	W
11940.0	8.00	26.1	100	S 80 E	100	7.4	252	S 72	W
11944.0	8.00	68.8	57	N 57 E	100	7.4	253	S 73	W
11952.0	8.00	59.5	31	N 31 E	53	7.5	251	S 71	W
11954.0	8.00	31.1	351	N 9 W	68	7.4	251	S 71	W
11966.0	8.00	42.8	9	N 9 E	88	7.5	251	S 71	W
11968.0	8.00	69.4	11	N 11 E	100	7.5	251	S 71	W
11974.0	8.00	62.0	15	N 15 E	100	7.5	251	S 71	W
11976.0	8.00	61.2	13	N 13 E	94	7.5	251	S 71	W

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
11978.0	8.00	58.5	14	N 14 E	100	7.6	252	S 72	W
11980.0	8.00	39.7	19	N 19 E	100	7.5	251	S 71	W
11982.0	8.00	40.0	20	N 20 E	100	7.5	252	S 72	W
11988.0	8.00	66.1	320	N 40 W	77	7.5	251	S 71	W
11990.0	8.00	61.7	320	N 40 W	70	7.5	251	S 71	W
12004.0	8.00	63.4	318	N 42 W	100	7.5	252	S 72	W
12020.0	8.00	65.3	304	N 56 W	55	7.3	251	S 71	W
12022.0	8.00	50.7	356	N 4 W	71	7.4	252	S 72	W
12036.0	8.00	57.3	350	N 10 W	100	7.3	252	S 72	W
12044.0	8.00	37.1	341	N 19 W	95	7.2	252	S 72	W
12052.0	8.00	41.5	314	N 46 W	100	7.3	253	S 73	W
12056.0	8.00	28.4	304	N 56 W	67	7.2	253	S 73	W
12058.0	8.00	12.9	262	S 82 W	100	7.2	252	S 72	W
12068.0	8.00	61.7	146	S 34 E	34	7.2	253	S 73	W
12070.0	8.00	61.1	147	S 33 E	52	7.2	253	S 73	W
12072.0	8.00	57.4	172	S 8 E	53	7.2	253	S 73	W
12074.0	8.00	68.9	156	S 24 E	71	7.2	252	S 72	W
12076.0	8.00	64.5	155	S 25 E	80	7.2	253	S 73	W
12092.0	8.00	63.4	150	S 30 E	56	7.1	252	S 72	W
12104.0	8.00	69.2	156	S 24 E	50	7.1	254	S 74	W
12108.0	8.00	69.0	138	S 42 E	78	7.0	253	S 73	W
12110.0	8.00	29.7	146	S 34 E	73	7.0	253	S 73	W
12112.0	8.00	68.2	138	S 42 E	65	7.0	253	S 73	W
12116.0	8.00	36.3	133	S 47 E	85	7.0	254	S 74	W
12124.0	8.00	66.6	155	S 25 E	93	7.0	253	S 73	W
12132.0	8.00	53.5	136	S 44 E	100	7.1	253	S 73	W
12134.0	8.00	53.1	136	S 44 E	100	7.0	252	S 72	W
12136.0	8.00	57.3	144	S 36 E	67	6.9	253	S 73	W
12138.0	8.00	56.7	145	S 35 E	63	6.9	253	S 73	W
12152.0	8.00	40.9	107	S 73 E	100	6.9	254	S 74	W
12154.0	8.00	45.6	114	S 66 E	99	6.9	254	S 74	W
12156.0	8.00	13.4	73	N 73 E	59	6.9	254	S 74	W
12158.0	8.00	16.2	49	N 49 E	40	6.9	254	S 74	W
12166.0	8.00	14.9	332	N 28 W	99	6.9	254	S 74	W
12172.0	8.00	54.6	342	N 18 W	65	6.8	254	S 74	W
12176.0	8.00	69.6	327	N 33 W	58	6.9	255	S 75	W
12192.0	8.00	41.9	315	N 45 W	100	6.8	255	S 75	W
12194.0	8.00	28.4	307	N 53 W	62	6.9	255	S 75	W
12196.0	8.00	42.3	308	N 52 W	57	6.8	255	S 75	W
12202.0	8.00	54.1	190	S 10 W	100	6.8	255	S 75	W

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EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
12204.0	8.00	54.1	187	S 7 W	100	6.6	254	S 74 W	
12206.0	8.00	39.9	189	S 9 W	85	6.7	256	S 76 W	
12208.0	8.00	38.2	191	S 11 W	92	6.7	255	S 75 W	
12214.0	8.00	29.1	196	S 16 W	25	6.7	256	S 76 W	
12220.0	8.00	73.8	149	S 31 E	95	6.7	256	S 76 W	
12224.0	8.00	74.5	148	S 32 E	100	6.7	256	S 76 W	
12228.0	8.00	70.3	152	S 28 E	59	6.6	257	S 77 W	
12262.0	8.00	53.5	117	S 63 E	100	6.5	256	S 76 W	
12264.0	8.00	60.6	124	S 56 E	93	6.6	256	S 76 W	
12268.0	8.00	58.8	106	S 74 E	100	6.6	257	S 77 W	
12278.0	8.00	53.3	95	S 85 E	100	6.6	257	S 77 W	
12284.0	8.00	54.4	125	S 55 E	83	6.4	258	S 78 W	
12286.0	8.00	44.3	117	S 63 E	60	6.5	257	S 77 W	
12296.0	8.00	59.1	116	S 64 E	100	6.5	259	S 79 W	
12298.0	8.00	58.6	116	S 64 E	87	6.7	259	S 79 W	
12310.0	8.00	50.9	121	S 59 E	58	6.5	259	S 79 W	
12324.0	8.00	46.4	115	S 65 E	100	6.5	258	S 78 W	
12326.0	8.00	50.0	117	S 63 E	100	6.5	258	S 78 W	
12328.0	8.00	45.4	119	S 61 E	83	6.6	258	S 78 W	
12330.0	8.00	54.0	118	S 62 E	100	6.5	260	S 80 W	
12334.0	8.00	69.0	157	S 23 E	94	6.4	259	S 79 W	
12342.0	8.00	49.3	165	S 15 E	100	6.3	259	S 79 W	
12344.0	8.00	63.8	137	S 43 E	43	6.3	260	S 80 W	
12350.0	8.00	17.2	110	S 70 E	76	6.4	259	S 79 W	
12352.0	8.00	34.6	118	S 62 E	66	6.4	260	S 80 W	
12370.0	8.00	36.2	123	S 57 E	100	6.3	261	S 81 W	
12372.0	8.00	28.8	117	S 63 E	100	6.3	262	S 82 W	
12386.0	8.00	32.0	122	S 58 E	86	6.4	263	S 83 W	
12402.0	8.00	25.3	124	S 56 E	100	6.2	262	S 82 W	
12404.0	8.00	56.5	126	S 54 E	66	6.2	261	S 81 W	
12406.0	8.00	45.1	157	S 23 E	76	6.1	262	S 82 W	
12408.0	8.00	43.1	159	S 21 E	70	6.2	262	S 82 W	
12412.0	8.00	41.7	278	N 82 W	63	6.2	260	S 80 W	
12414.0	8.00	57.8	309	N 51 W	59	6.2	261	S 81 W	
12416.0	8.00	59.2	311	N 49 W	51	6.2	261	S 81 W	
12420.0	8.00	46.7	311	N 49 W	59	6.2	261	S 81 W	
12422.0	8.00	24.0	315	N 45 W	88	6.2	261	S 81 W	
12424.0	8.00	37.2	321	N 39 W	100	6.1	261	S 81 W	
12428.0	8.00	33.5	329	N 31 W	92	6.2	261	S 81 W	
12430.0	8.00	59.8	347	N 13 W	57	6.2	261	S 81 W	

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EXXON COMPANY, U.S.A. DIP3389
J.P.R.P. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
12432.0	8.00	61.2	347	N 13 W	59	6.2	261	S 81 W
12444.0	8.00	42.9	31	N 31 E	28	6.4	261	S 81 W
12448.0	8.00	17.5	62	N 62 E	75	6.3	262	S 82 W
12450.0	8.00	52.6	88	N 88 E	100	6.3	261	S 81 W
12454.0	8.00	31.8	150	S 30 E	100	6.3	262	S 82 W
12464.0	8.00	68.5	153	S 27 E	41	6.3	262	S 82 W
12468.0	8.00	58.7	140	S 40 E	100	6.4	262	S 82 W
12474.0	8.00	48.5	127	S 53 E	100	6.3	262	S 82 W
12486.0	8.00	67.9	143	S 37 E	73	6.4	263	S 83 W
12488.0	8.00	67.1	169	S 11 E	100	6.4	263	S 83 W
12490.0	8.00	53.9	162	S 18 E	100	6.5	263	S 83 W
12502.0	8.00	57.0	166	S 14 E	93	6.5	264	S 84 W
12506.0	8.00	52.1	166	S 14 E	75	6.5	264	S 84 W
12512.0	8.00	63.2	159	S 21 E	72	6.5	263	S 83 W
12516.0	8.00	64.5	147	S 33 E	86	6.6	264	S 84 W
12530.0	8.00	44.3	155	S 25 E	65	6.7	265	S 85 W
12536.0	8.00	36.0	117	S 63 E	95	6.7	266	S 86 W
12538.0	8.00	40.0	116	S 64 E	100	6.7	264	S 84 W
12542.0	8.00	35.5	118	S 62 E	69	6.5	265	S 85 W
12558.0	8.00	37.0	102	S 78 E	84	6.6	265	S 85 W
12560.0	8.00	41.6	112	S 68 E	77	6.5	267	S 87 W
12572.0	8.00	33.9	128	S 52 E	68	6.6	268	S 88 W
12574.0	8.00	34.9	131	S 49 E	85	6.5	268	S 88 W
12576.0	8.00	34.8	123	S 57 E	96	6.6	268	S 88 W
12578.0	8.00	37.7	122	S 58 E	100	6.5	268	S 88 W
12580.0	8.00	37.7	89	N 89 E	56	6.4	267	S 87 W
12596.0	8.00	40.5	44	N 44 E	64	6.5	268	S 88 W
12600.0	8.00	39.0	52	N 52 E	72	6.5	269	S 89 W
12616.0	8.00	54.2	46	N 46 E	71	6.5	268	S 88 W
12620.0	8.00	28.5	113	S 67 E	100	6.5	268	S 88 W
12622.0	8.00	32.9	114	S 66 E	100	6.4	267	S 87 W
12624.0	8.00	32.7	113	S 67 E	100	6.5	268	S 88 W
12626.0	8.00	34.7	114	S 66 E	100	6.5	268	S 88 W
12632.0	8.00	54.2	77	N 77 E	49	6.4	269	S 89 W
12634.0	8.00	52.8	87	N 87 E	100	6.5	269	S 89 W
12636.0	8.00	27.3	323	N 37 W	98	6.5	269	S 89 W
12638.0	8.00	12.7	328	N 32 W	95	6.4	269	S 89 W
12640.0	8.00	13.9	343	N 17 W	100	6.6	270	N 90 W
12644.0	8.00	56.1	341	N 19 W	100	6.6	270	N 90 W
12654.0	8.00	61.2	352	N 8 W	100	6.3	270	N 90 W

DRILLERS

DATE OF LISTING: 12/ 6/85
TIME OF LISTING: 11:49:27

EXXON COMPANY, U.S.A. DIP3389
U.P.R.R. "B" NO. 1
WILDCAT
SUMMIT UTAH
11-23-85

		FORMATION DIP				****BOREHOLE*****		
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
12656.0	8.00	72.8	351	N 9 W	52	6.4	270	N 90 W
12660.0	8.00	70.4	352	N 8 W	75	6.4	269	S 89 W
12672.0	8.00	70.3	357	N 3 W	76	6.4	269	S 89 W
12680.0	8.00	69.9	1	N 1 E	76	6.4	269	S 89 W
12684.0	8.00	42.7	322	N 38 W	45	6.3	270	N 90 W

DresserAtlas