

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
BTA Oil Producers

3. ADDRESS AND TELEPHONE NO.
104 S. Pecos, Midland, Texas 79701 (915)682-3753

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1896' FNL & 1284' FWL
 At proposed prod. zone 577m 391m

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles southwest from Lonetree, WY

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1284' lse line
 (Also to nearest drlg. unit line, if any) 2676' unit line

16. NO. OF ACRES IN LEASE
480

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4500'

19. PROPOSED DEPTH
16175'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
9477' GR

22. APPROX. DATE WORK WILL START*
Upon approval

5. LEASE DESIGNATION AND SERIAL NO.
UT 013148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bridger Lake Unit

8. FARM OR LEASE NAME, WELL NO.
#1, Red Mountain, 9220 JV-P

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
Bridger Lake

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 22, T3N, R14E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

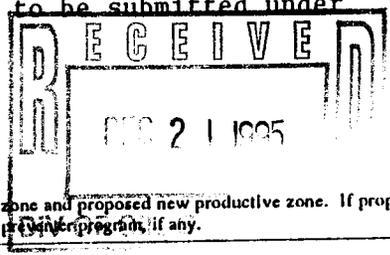
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	K55 - 13-3/8	61#	600'	834
12-1/4	N80 - 9-5/8	47	9200	1180
8-1/2	P110- 5-1/2	20	TD	1750

15. Upon completion Bridger Lake Unit boundary will be changed to include this well.
18. Bridger Lake Unit - Fork A #6

I hereby certify that BTA is responsible under the terms and conditions of the lease to conduct lease operations in conjunction with this application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BTA Oil Producers under our Letter of Credit - Statewide Bond # UT 0711.

Special use permits, water permits and sewage permits to be submitted under separate cover.



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

SIGNED *Deborah Neapton* TITLE Regulatory Administrator DATE 12-8-95

(This space for Federal or State office use)
 PERMIT NO. 43-043-30313 APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *J. Matthews* TITLE Petroleum Engineer DATE 11/7/96

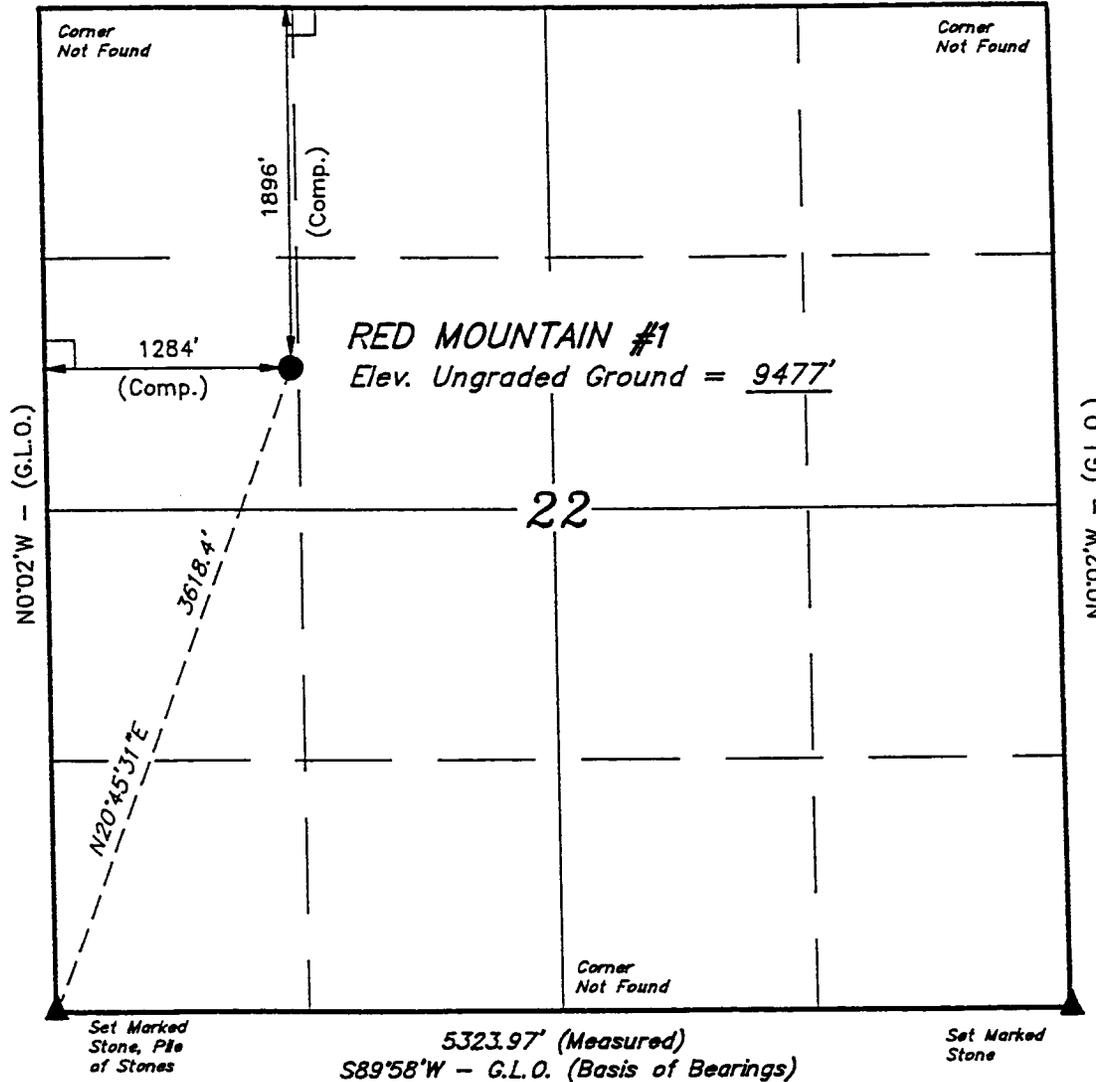
*See Instructions On Reverse Side

BTA OIL PRODUCERS

T3N, R14E, S.L.B.&M.

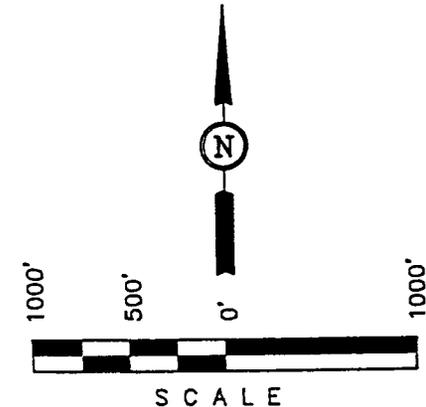
Well location, RED MOUNTAIN #1, located as shown in the SW 1/4 NW 1/4 of Section 22, T3N, R14E, S.L.B.&M. Summit County, Utah

N89°59'W - 79.98 (G.L.O.)



BASIS OF ELEVATION

RED MOUNTAIN TRIANGULATION STATION LOCATED IN THE SE 1/4 OF SECTION 22, T3N, R14E, S.L.B.&M. TAKEN FROM THE GILBERT PEAK NE QUADRANGLE, UTAH-WYOMING, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 9520 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

161219
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161219
 STATE OF UTAH

REVISED: 11-1-95 D.R.B.

UTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-20-95	DATE DRAWN: 9-22-95
PARTY G.S. J.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BTA OIL PRODUCERS	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BTA OIL PRODUCERS

DRILLING PLAN

9220 JV-P Red Mountain #1
1,896' FNL & 1,284' FWL
Sec. 22, T3N, R14E
Summit County, Utah

In conjunction with Form 3160-3, Application for Permit to Drill, BTA Oil Producers submits the following 9 items for pertinent information in accordance with BLM requirements.

1. The Estimated Tops of Important Geologic Markers are as follows:

<u>Formation</u>	<u>Tops</u>
Wasatch	0'
Ft. Union	9,037'
Mesa Verde	11,312'
Hilliard	13,237'
Frontier	15,267'
Mowry	15,462'
Muddy	15,762'
Dakota	15,827'
Dakota "E" Sand	15,872'
Dakota "A" Sand	16,012'
Morrison	16,077'
TD	16,175'

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

	<u>Top</u>	<u>Bottom</u>	<u>How Protected</u>
Fresh Water	Surface	500'	Surface casing cemented to surface.
Frontier	15,267'	15,462'	Production casing cemented to 10,300'.
Muddy	15,762'	15,827'	Production casing cemented to 10,300'.
Dakota	15,827'	16,077'	Production casing cemented to 10,300'.

3. Minimum Specifications for Pressure Control Equipment:

A. Casinghead equipment:

"A" Section - 13-3/8" x 13-5/8" 3,000 psi

"B" Section - 13-5/8" 3,000 psi x 11" 5,000 psi

Tubing Head - 11" 5,000 psi x 7-1/16" 10,000 psi

Tubing Head Adapter - 7-1/16" 10,000 psi x 2-9/16" 10,000 psi

Tree - 2-9/16" 10,000 psi

4. Casing Program:

<u>String</u>	<u>Size/Weight/Grade/Conn</u>	<u>Depth Interval</u>
Surface	13-3/8"/61#/K55/STC	0 - 600'
Intermediate	9-5/8"/47#/N80/LTC	0 - 9,200'
Production	5-1/2"/20#/P110/LTC	0 - TD

Substitutions regarding weight, grade and connection might be required due to availability. All casing will be new.

5. Cement:

<u>Hole Size</u>	<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Approximate Cement Volume</u>	<u>Top of Cmt (Gauge Hole)</u>
17-1/2"	13-3/8"	600'	Class "G"	834 ft3	Surface
12-1/4"	9-5/8"	9,200'	Light Cmt Class "G"	680 ft3 500 ft3	6,500'
8-1/2"	5-1/2"	16,175'	Light Cmt Class "G"	1250 ft3 500 ft3	10,300'

Calculated cement volume will be adequate to cover all hydrocarbon bearing formations.

Casing test procedures:

1. Surface casing (13-3/8") - 1,500 psi test pressure.
2. Intermediate casing (9-5/8") - 2,100 psi test pressure.
3. Production casing (5-1/2") - 3,600 psi test pressure.

6. Circulation Medium Characteristics:

A. Type and anticipated characteristics of circulating medium:

<u>Depth Interval</u>	<u>Mud Type</u>	<u>Weight (ppg)</u>	<u>FV (Sec/Qt)</u>	<u>PV (Cp)</u>	<u>YP (#/ 100 SF)</u>	<u>WL (cc/ 30 min)</u>	<u>pH</u>
0 - 600'	Spud	8.3-8.5	26-28	-----	NO CONTROL	-----	
600 - 9200'	LSND	8.4-9.5	26-40	3-10	5-15	No Control	8-9
9200 - TD	LSND	9.5-10.0	35-50	5-15	5-25	8-20	8-9

(Polymers used in an LSND mud system will degrade at pH > 9.5).

B. Blowout preventer equipment:

<u>Type</u>	<u>Pressure Rating</u>	<u>Installed on Casing</u>
SRRA BOP Stack	5,000 psi	13-3/8" & 9-5/8"

Additional preventers may be added and/or preventers with higher pressure ratings may be substituted depending on equipment provided by drilling contractor. Diagrams of the preventer stack types are attached.

C. Testing:

Operation Testing - An operational test consisting of closing the annular preventer and pipe rams on the drill pipe and closing the blind rams on open hole will be performed on each round trip but not more than once each day.

Pressure Testing - An initial pressure test will be performed after nipping up on a casing string but prior to drilling out. Equipment will be tested to full working pressure upon installation. The annular preventer will be tested to 50% of full working pressure.

Subsequent pressure test will be conducted as follows:

1. Upon any change in rams or other component of the BOP stack and/or choke manifold.
2. At least every thirty (30) days.

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

D. BOP control unit:

Unit will be hydraulically operated and have one control station located at least 60' from wellbore and one located on the rig floor. Design WP = 3,000 psi; Precharge Pressure = 1,000 psi; Minimum Volume = 60 gallons.

E. Auxiliary equipment:

Kelly cocks - Upper and lower installed on kelly.

Safety valve - Full opening ball type valve to fit each type and size of drill pipe in use will be available on the rig floor in the open position at all times for use when the kelly is not connected to the drill string.

B. Quantities of mud and weighting material:

A sufficient inventory of mud materials and treating equipment will be maintained to control mud properties adequately for well control and drilling requirements.

C. Mud system monitoring equipment:

Pit Volume Totalizer - PVT will be used to monitor mud pits.

7. Anticipated Type and Amount of Coring, Testing, and Logging:

Coring program: 30-60' cores anticipated in Dakota formations.

Drill stem tests: As indicated by logs, show, etc. in the Dakota.

Logging program: From surface casing to TD: Sonic-GR-CAL, Resistivity
(More logs may be run in addition to those shown.)

8. Expected Bottom Hole Pressure, Abnormal Pressures and Temperatures or Any Potential Hazards:

A. Bottom hole pressure is expected to be less than 4,000 psi at 9,200' and less than 6,500 psi at 16,175'.

B. No abnormal pressure or abnormal temperature is expected. Expected bottom hole temperature is 220° F.

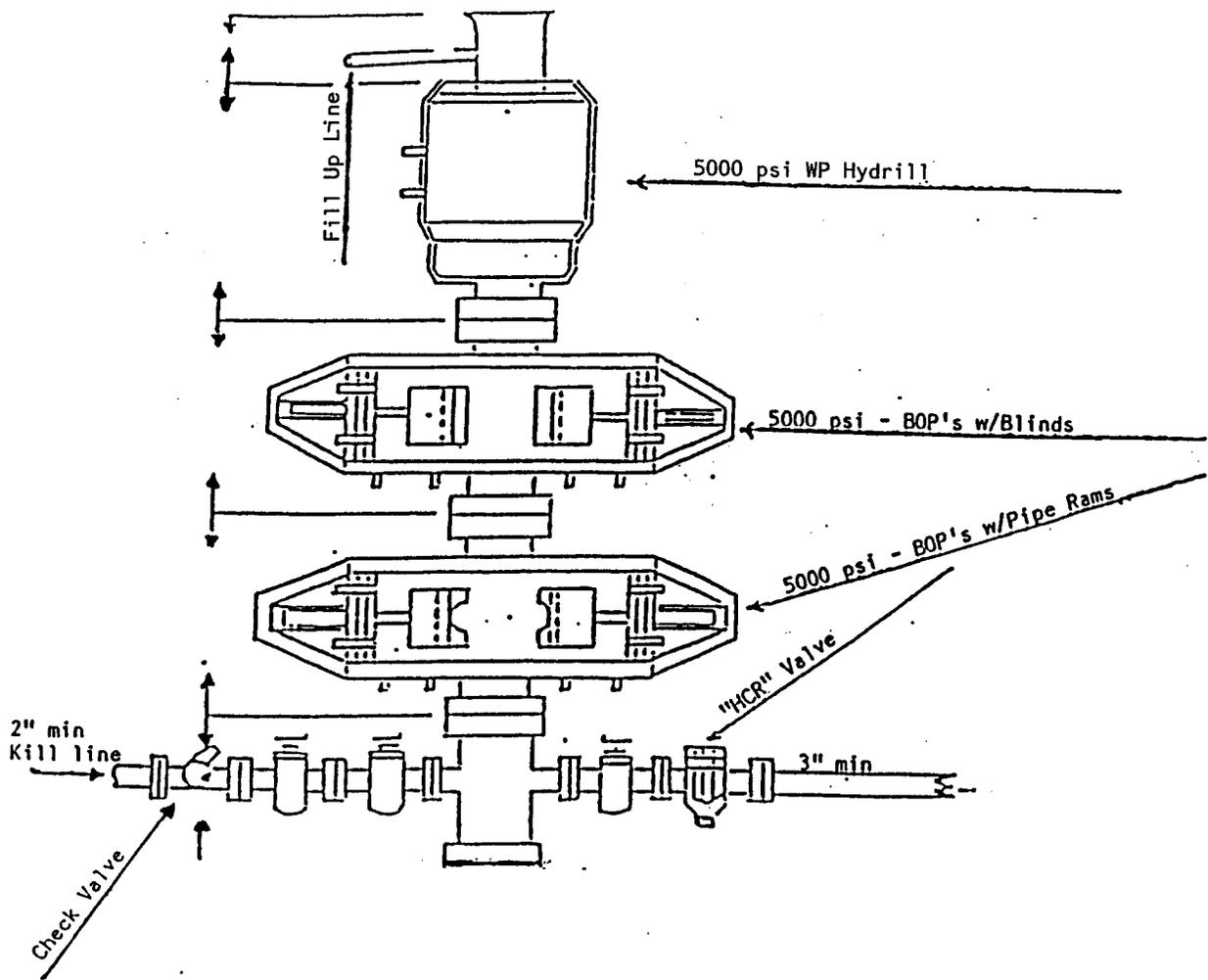
C. No H₂S is expected in the well.

9. Other Facets of the Proposed Operation:

Completion operations: Perforate, stimulate, and production test the interval(s) based on electric logs and shows.

Contact L. G. Johnson at 915-682-3753 with any questions concerning this Drilling Plan.


L. G. Johnson

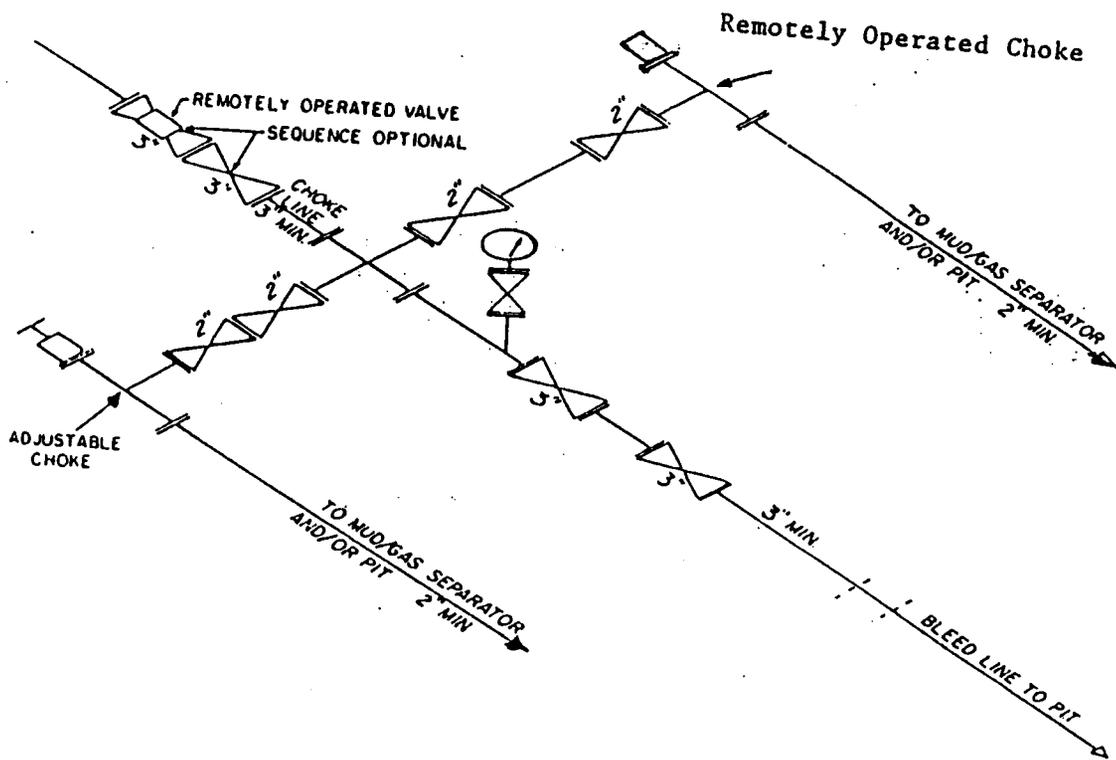


BOP Hook Up AFTER SETTING SURFACE

BTA OIL PRODUCERS

9220 JV-P RED MOUNTAIN #1
 Section 22, T3N, R14E
 1,896' FNL 1,284' FWL
 Summit County, Utah

5M CHOKE MANIFOLD EQUIPMENT



CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY

BTA OIL PRODUCERS

9220 JV-P RED MOUNTAIN #1
Section 22, T3N, R14E
1,896' FNL 1,284' FWL
Summit County, Utah

SURFACE USE PLAN

FOR

**BTA OIL PRODUCERS
9220 JV-P RED MOUNTAIN #1
1,896' FNL & 1,284' FWL
SEC. 22, T3N, R14E
SUMMIT COUNTY, UTAH**

LOCATED: 16 miles Southwest from Lonetree, Wyoming

FEDERAL LEASE NUMBER: UT-103148

ACRES IN LEASE: 480 Acres

SURFACE OWNERSHIP: U.S. Forest Service

POOL: Bridger Lake

DEDICATED ACRES: 40 Acres

EXHIBITS:

- A. Topographic Map -A-
- B. Topographic Road Map -B-
- C. Location Layout
- D. Cut and Fill Cross Sections
- E. Rig Layout

MULTI-POINT SURFACE USE & OPERATIONS PLAN

BTA Oil Producers

#1, Red Mountain, 9220 JV-P
1,896' FNL & 1,284' FWL
Sec. 22, T3N, R14E
Summit County, Utah

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the referenced well. The plan describes the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance, and the procedures to be followed in rehabilitating the surface after completion of the operation so that complete appraisal can be made concerning the environmental effects associated with the operations.

1. Existing Roads

- A. Exhibit -B- is a topographic map showing the location of the proposed well as staked with existing roads and conditions within the one mile area. The proposed location is approximately 15 miles southwest from Lonetree, Wyoming as shown on Exhibit -A-.
- B. To reach this location from Lonetree, go .9 mile west; 1.3 miles south; then 9.3 miles southwest and continuing on Henry's Fork Road; then 3.5 miles northwesterly on Red Mountain Road to the proposed access road which turns southwesterly for 431 feet to the wellsite, as shown on Exhibit -A-.

2. Access Road

- A. A prework conference shall be held prior to any earth disturbing activities and a starting date established. This will include, at minimum, the operator or his authorized representative, the dirt contractor, and the authorized Forest Service officer.
- B. The operator will provide the dirt contractor with a copy of Forest Service standard specifications for Construction of Roads and Bridges (EM-7720-100).
- C. BTA will have a supervisor and civil engineer on location during construction.
- D. Our proposed access road will start from existing road in SE/NW of Section 22 and go south for .1 mile, as shown on Exhibit -B-.
- E. Our access road will be 431 feet long with 16 feet wide running surface, crown graded with 6 inches of gravel for drilling and completion operations according to Forest Service specifications.

MULTI-POINT SURFACE USE AND OPERATION PLAN

#1, Red Mountain, 9220 JV-P

Page 2

- F. The proposed access road will be constructed in accordance with the road guidelines as outlined by the U.S. Forest Service. A plat of the access road will be furnished after these guidelines are defined.
- G. Topsoil will be removed from all areas to be disturbed and from area where subsoil materials will be stored as shown on Exhibit -C-. Authorization will be obtained from the Forest Service officer in charge.
- H. The access road will not be constructed using frozen material or during periods when the soil material is saturated or when watershed damage is likely to occur. Vegetative debris will not be placed in or under fill embankments.
- I. The operator will contact the Forest Service when construction is complete, for a final inspection and approval.
- J. After construction of the new access road is complete, BTA will close the trail across Red Mountain road by building a rock barrier.

3. Location of Existing Wells Within One Mile Radius

- A. There are no water wells within one mile.
- B. There are no dry holes located in the area.
- C. There are no abandoned wells in the area.
- D. There are no saltwater disposal wells within one mile. The Fork -A- Well #D10 is located 7,700' northeast.
- E. There are no drilling wells within one mile.
- F. The closest producing well is the Fork -A- #6 located 4,500' east.
- G. There are no shut-in wells within one mile. At present, the Fork -A- #2 and #3 are shut-in.
- H. There are no known injection wells in the area.
- I. There are no monitoring or observation wells in the area.

4. Location of Existing and/or Proposed Facilities if Well is Productive

- A. If well is productive, our plan will be to lay a pipeline along the road right-of-way and use the existing Bridger Lake production facilities and plant.

- B. Any new facilities will be applied for via Sundry Notice with schematic diagram prior to installation.
- C. Should the well be successfully completed for production, the BLM will be notified within five days when the well is placed in producing status.

5. Location and Type of Water Supply

- A. Water for drilling and completion operations will be obtained from the Dahlgreen Creek as shown on Exhibit -B-. BTA will apply for a water permit from the State of Utah, Natural Resources, Division of Water Rights.
- B. The water will be hauled by tank truck along the existing road ROW or pumped to wellsite via continuous plastic line.
- C. No water well will be drilled on this location.

6. Source of Construction Materials

- A. The location will be constructed utilizing standard cut/fill methods as shown on Exhibit -D-. Surfacing will be placed as needed. The six inches of gravel for the road and wellpad will be obtained from a source outside the forest.
- B. The top 8" of topsoil will be stripped from the location, including areas of cut and fill and/or subsoil storage areas, and will be stockpiled at the site as shown on Exhibit -C-.
- C. No construction materials will be taken from Federal lands without prior approval from the U.S. Forest Service.
- D. Construction of the site will not be done using frozen material, or when the soil is saturated, or when damage to a watershed could occur. Vegetative debris will not be placed under or in fill slopes. The backslopes and foreslopes will be constructed no steeper than 1-1/2:1.
- E. If snow is encountered before construction begins, the snow will be removed before the soil is disturbed and placed downhill of the location.
- F. All equipment and vehicles will be confined to the access road and pad area outlined in Exhibit -B- and -C-.
- G. The reserve pit will be constructed to prevent the collection of surface runoff with a berm to retain fluids and divert runoff.

1. Mud pits in the active circulating system will be steel. The reserve pit will be used for dewatered cuttings only. The reserve pits will be examined by the operator/holder and the Authorized Officer during construction to determine if the materials are permeable and potentially capable of allowing transfer of pit contents to the groundwater. If the need is present for a liner, it will be lined with 12 mil/450 psi liner.

H. The location will be fenced on four sides during drilling operations with 4 strand barbed wire and with a cattle guard at the entrance. This fence will stay in place until the location is fully reclaimed and vegetation established.

7. Methods of Handling Waste Disposal

A. Drill cuttings will be disposed of in the reserve pits. Any remaining liquids will be removed and disposed of in a state approved disposal well.

B. Water produced during operations will be collected in tanks until hauled to an approved disposal system or the disposal facilities at Bridger Lake.

C. Oil produced during test will be stored in test tanks until sold.

D. The tree timber removed during construction will be sold to a local lumber mill. The tree stumps will be buried with the U.S.F.S. locating the surface site for burial and slash will be chipped or stockpiled as shown on Exhibit -C- and burned during the burn season.

E. Sewage will be disposed of in strict conformance with the County and State regulations regarding sewage treatment and disposal. Portable, self-contained chemical toilets will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents disposed of in an approved sewage disposal facility.

F. Trash, waste paper and garbage will be disposed of by hauling to an available disposal. All waste material will be contained in a totally enclosed trash basket with a fine wire mesh, to prevent wind scattering during collection. The road and pad will be kept litter free.

G. After drilling rig has moved out of area, any scattered trash and litter will be removed from site and hauled to a State approved disposal site. No trash will be placed in the reserve pit.

H. Used motor oil (change oil) will be placed in closed containers and disposed of at an authorized disposal site.

8. Ancillary Facilities

- A. It is possible that a mobile home will be used at the well site during drilling operations.

9. Wellsite Layout

- A. Exhibit -E- shows the rig layout and reserve pit.
- B. Exhibit -D- shows the planned cuts and fills at the wellsite.

10. Plans for Reclamation of the Surface

- A. Before reclamation or abandonment of the well site or road, a joint inspection of the disturbed area will be held. The inspection will be held to agree on an acceptable reclamation plan. The U.S. Forest Service Office in Mountain View will be notified at least 3 days before any field work.
- B. Rat and mouse holes will be filled and compacted from bottom to top immediately upon release of the drilling rig from the location.
- C. The entire disturbed location will be fenced after seeding. Fences and cattleguards must meet Forest Service specifications. Once the location has been rehabilitated and vegetation re-established, the fence will be removed or the fenced area reduced as required by the Forest Service.
- D. Reserve pit will be backfilled when dry with a minimum of 5 feet of soil material.
- E. Topsoil will be distributed evenly and location will be landscaped to the surrounding topography on those areas not required for production.
- F. The operator shall notify the District Ranger of the rig release date within two working days of that date. The drilling rig shall be removed from the location within 30 days of the completion of drilling. No rig stacking on location allowed.
- G. A site-specific erosion control, revegetation and restoration plan will be prepared by BIO/West, Inc.

11. Surface Topography

- A. The surface ownership is U.S.D.A. Forest Service.
- B. The wellsite and access route are located in the Wasatch National Forest. The primary land use is grazing and forest.

- C. There are no houses or building within one mile of drillsite. The Bridger Lake Plant is located 2-1/4 miles southeast of this location as shown on Exhibit -B-.
- D. Signs identifying and locating our well will be maintained at the drillsite and principle entrance, commencing with the spudding of the well.
- E. A Class III Archaeological Survey was completed on 10/31/95 and the written report furnished directly to the Bear River Resource Area - BLM office by Current Archaeology Research.
- F. A complete description of all vegetation and flora along with the surface topography details are described in the Erosion Control, revegetation and restoration plan submitted by BIO/West, Inc.

12. Other Information

- A. BTA will have onsite, as needed, a qualified individual to serve as a compliance coordinator. This individual will be responsible for assuring that all requirements of the Surface Use Plan and appropriate Conditions of Approval are followed. BTA must notify the U.S. Forest Service office in Mountain View at least 48 hours prior to any construction activity.
- B. BTA will notify the U.S. Forest Service office in Mountain View at least 24 hours in advance of moving drilling equipment and other heavy loads (i.e. pipe, completion and fracing equipment) along the existing and new access roads and onto the well location.
- C. BTA will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts.
- D. If historic or archaeological materials are uncovered, BTA will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer of the U.S.F.S.
- E. BTA will be responsible for the prevention and suppression of fires on public lands caused by its employees, contractors, or subcontractors. During conditions of extreme fire danger, surface use operations may either be limited or suspended in specific areas, or additional measures taken as required by the Authorized Officer.
- F. The operator shall protect all survey monuments found within the specific location. Survey monuments include but are not limited to General Land Office and Bureau of Land Management Cadastral Survey Corners, reference corners,

MULTI-POINT SURFACE USE AND OPERATION PLAN

#1, Red Mountain, 9220 JV-P

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witness points, U.S. Coast and Geodetic benchmarks and triangulation stations, military control monuments, and recognizable civil (both public and private) survey monuments. In the event of obliteration or disturbance of any of the above, report the incident in writing to the Authorized Officer and respective installing authority if known. Where General Land Office or Bureau of Land Management right-of-way monuments or references are obliterated during operations, the holder shall secure the services of a registered land surveyor or a Bureau cadastral surveyor to restore the disturbed monuments and references using surveying procedures found in the Manual of Surveying Instructions for the

Survey of Public Lands of The United States, latest edition. The holder shall record such survey in the appropriate county and send a copy to the Authorized Officer. If the Bureau cadastral surveyors or other Federal surveyors are used to restore the disturbed survey monument, the holder shall be responsible for the survey cost.

BTA OIL PRODUCERS

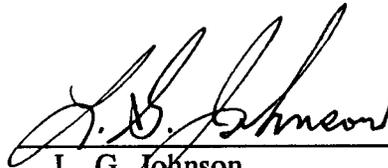
Certification

Wellsite Supervision: The U.S.F.S. and BLM will notified, prior to any field operations beginning, of BTA's wellsite Supervisor.

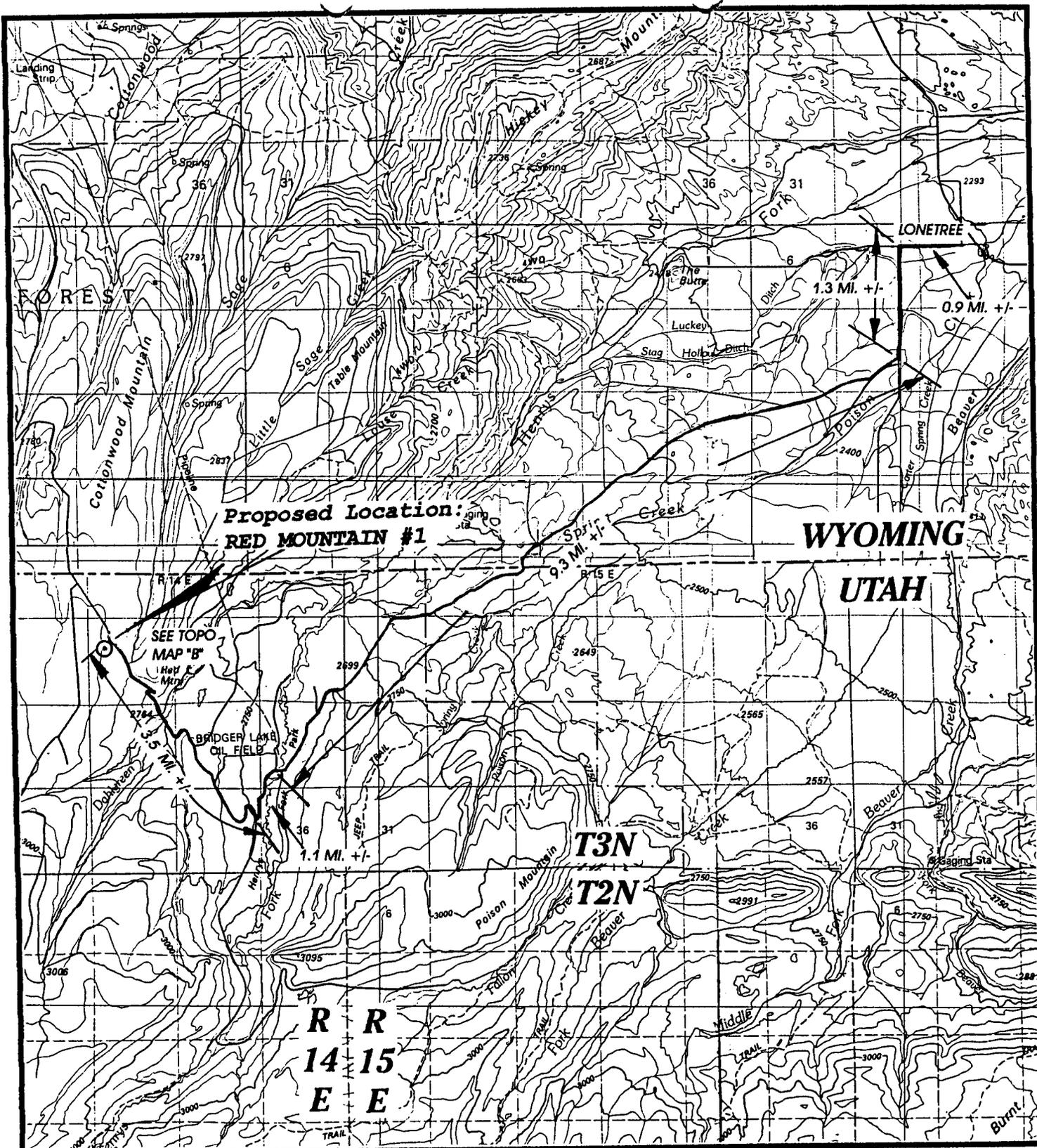
BTA Oil Producers: Mr. L. G. Johnson
Phone: 915/682-3753 (Office)
915/682-5149 (Home)
915/553-2703 (Mobile)

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 presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by BTA Oil Producers and its contractors and sub-contractors 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.

Dated this 8th day of December, 1995.



L. G. Johnson
Drilling Superintendent
For BTA Oil Producers



UELS

**TOPOGRAPHIC
MAP "A"**

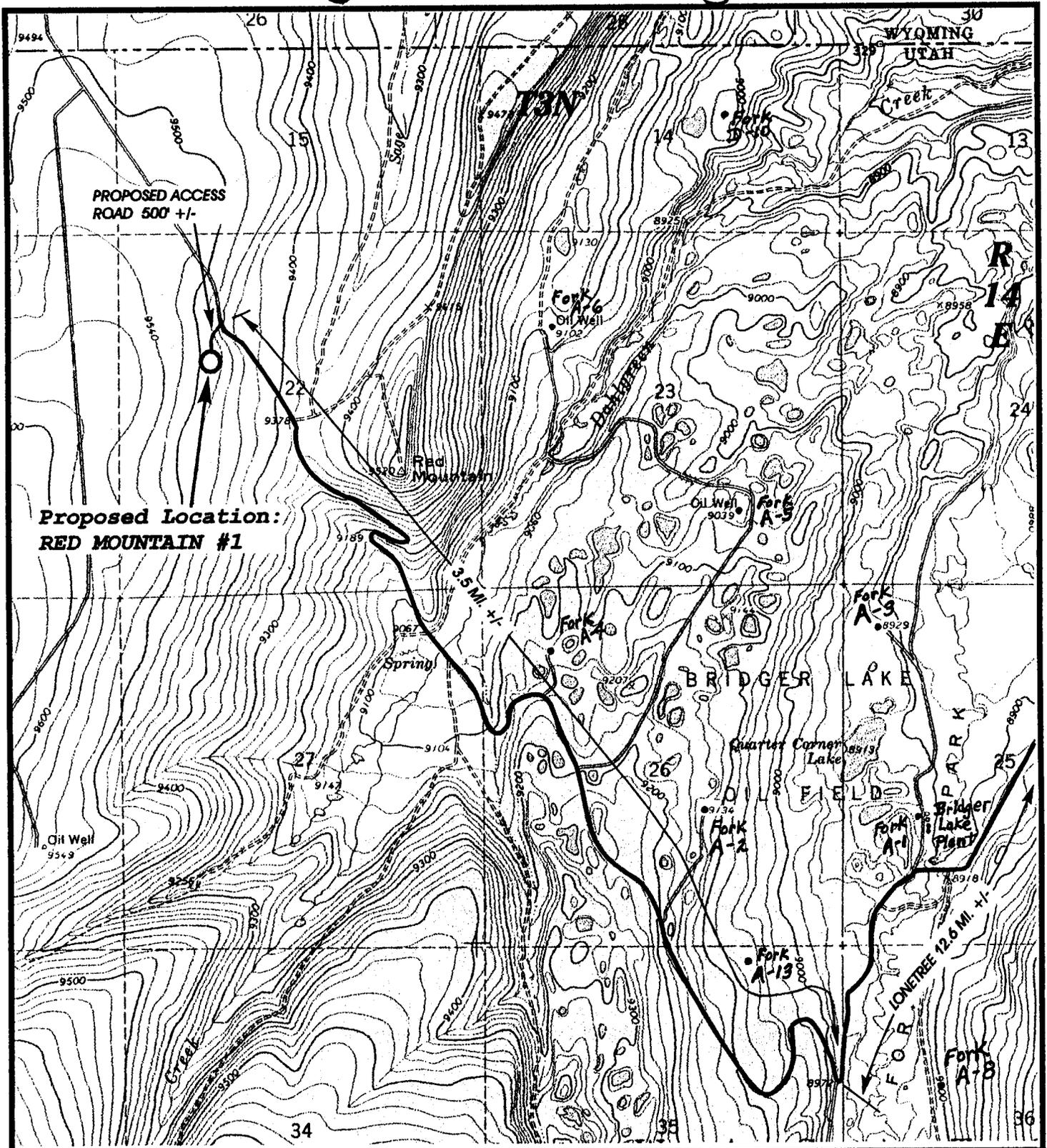
DATE: 9-22-95 C.B.T.
REVISED: 11-2-95 C.B.T.



BTA OIL PRODUCERS

RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL

Exhibit -A-



**Proposed Location:
RED MOUNTAIN #1**

**PROPOSED ACCESS
ROAD 500' +/-**

3.5 MI. +/-

LONETREE 12.6 MI. +/-

UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 9-22-95 C.B.T.
REVISED: 11-2-95 C.B.T.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

BTA OIL PRODUCERS

**RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL**

Exhibit -B-

Exhibit -C-

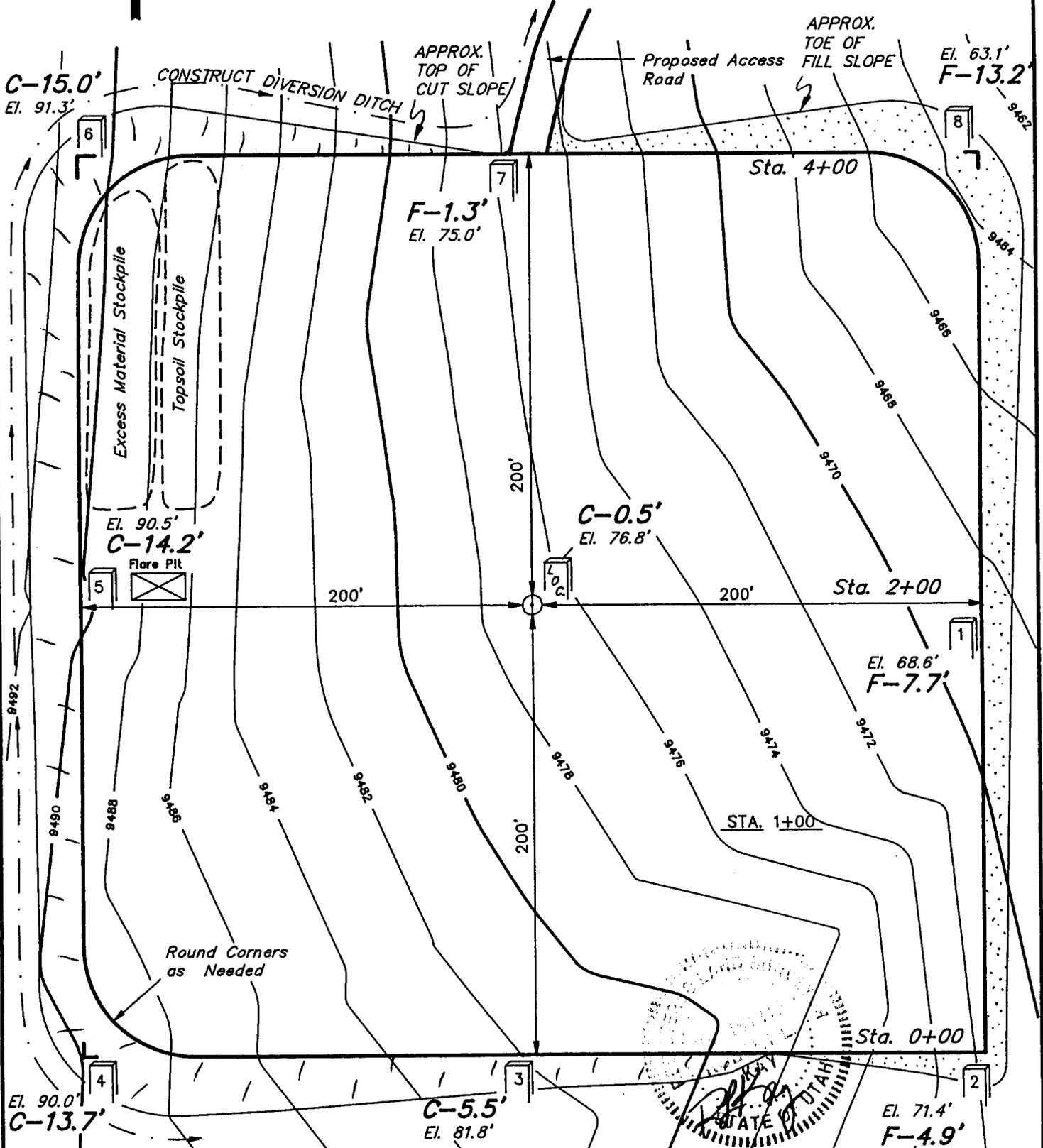
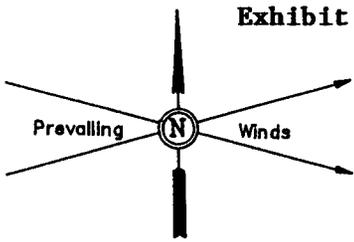
BTA OIL PRODUCERS

LOCATION LAYOUT FOR

RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 12-4-95
Drawn By: D.R.B.



Elev. Ungraded Ground at Location Stake = 9476.8'
Elev. Graded Ground at Location Stake = 9476.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

BTA OIL PRODUCERS
TYPICAL CROSS SECTIONS FOR
RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL

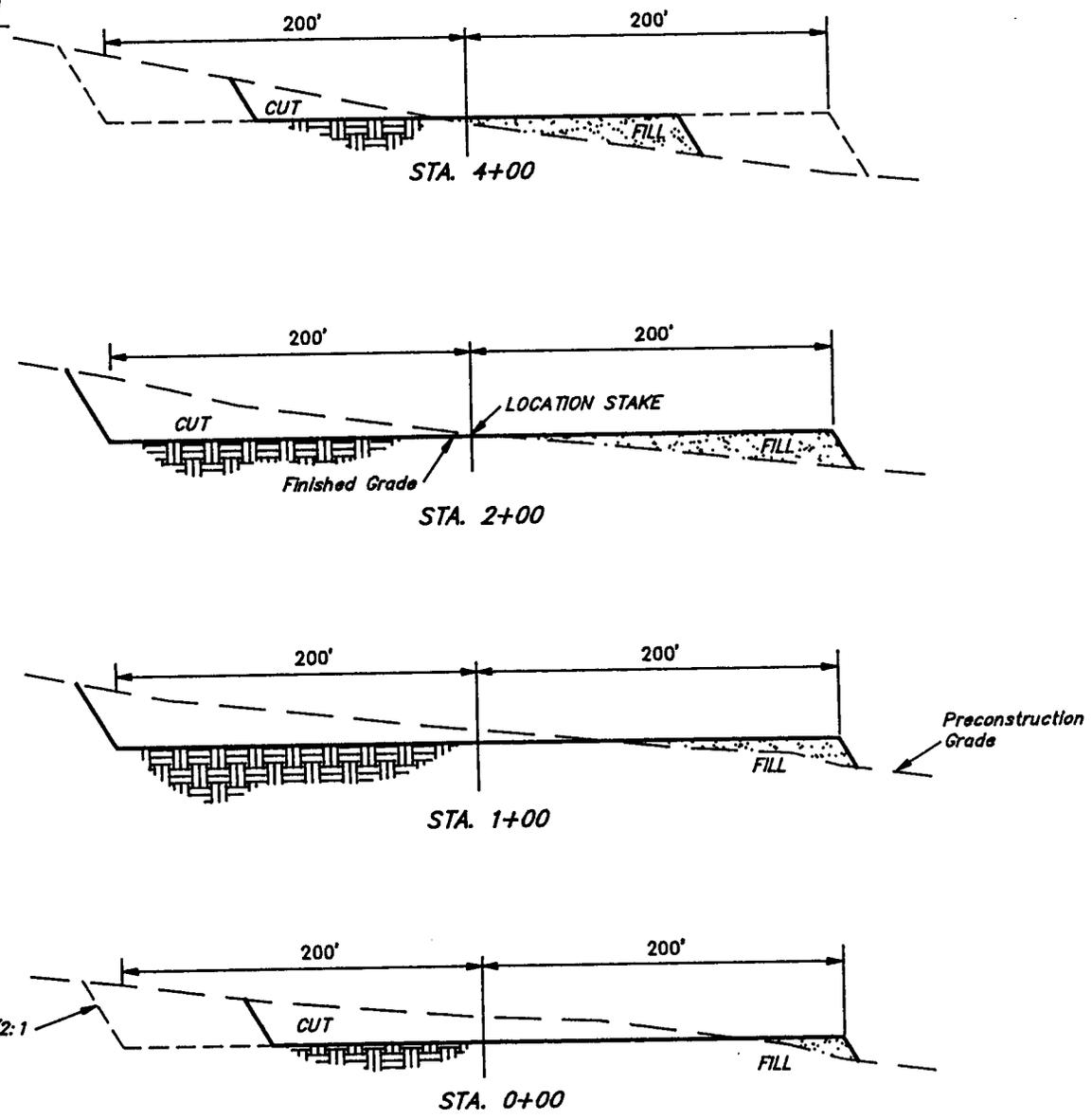


1" = 40'
 X-Section Scale
 1" = 100'

DATE: 12-4-95
 Drawn By: D.R.B.

Exhibit -D-

FIGURE #2



NOTE:
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(8") Topsoil Stripping	= 3,950 Cu. Yds.
Remaining Location	= 22,750 Cu. Yds.
TOTAL CUT	= 26,700 CU.YDS.
FILL	= 13,890 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 12,080 Cu. Yds.
Topsoil	= 3,950 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Redistributed	= 8,130 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

BTA OIL PRODUCERS

RIG LAYOUT FOR

RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL



SCALE: 1" = 60'
DATE: 12-4-95
Drawn By: D.R.B.

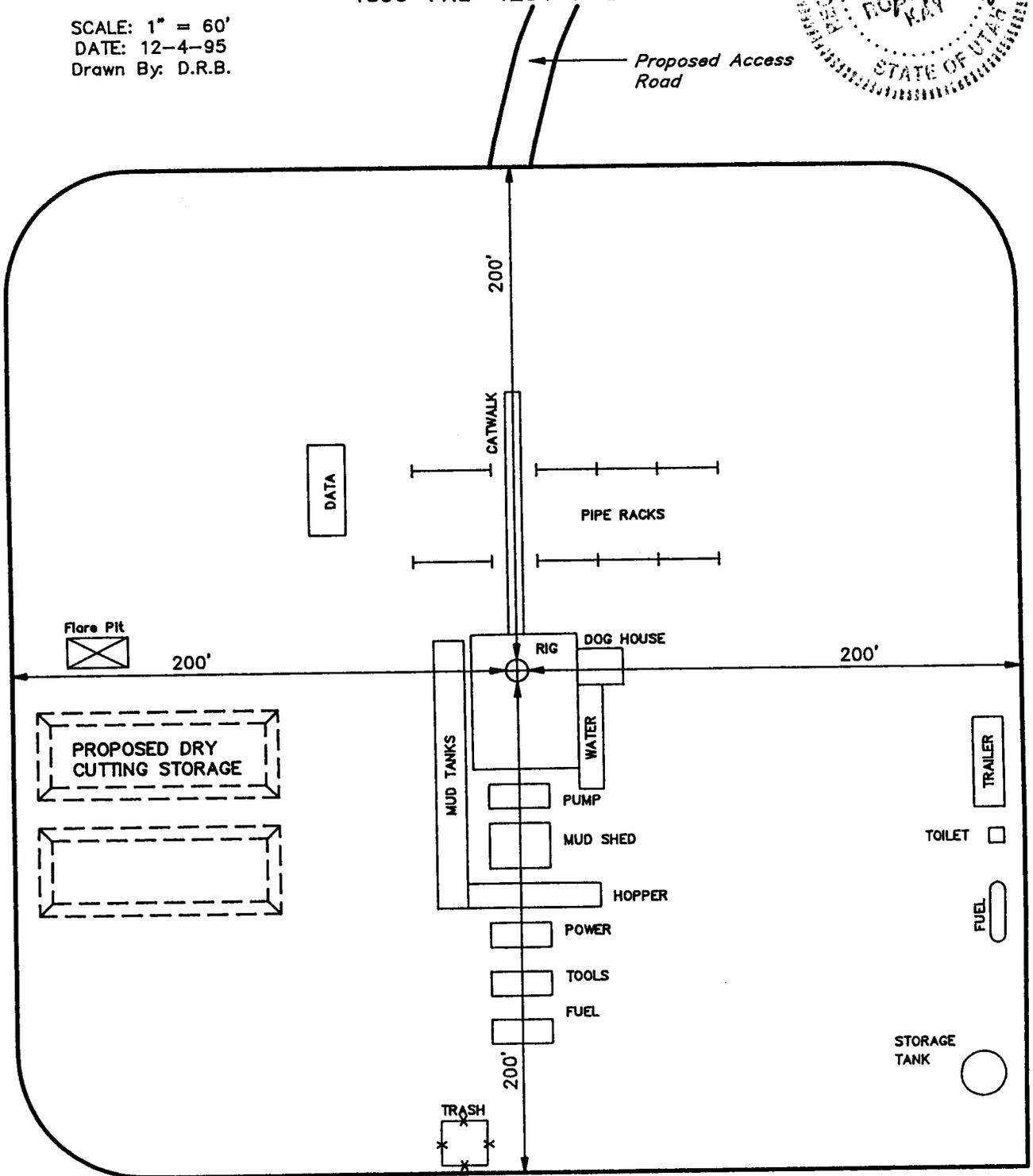


Exhibit -E-

FIGURE #3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 BTA Oil Producers

3. ADDRESS AND TELEPHONE NO.
 104 S. Pecos, Midland, Texas 79701 (915)682-3753

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 1896' FNL & 1284' FWL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 UT 013148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Bridger Lake Unit

8. FARM OR LEASE NAME, WELL NO.
 #1, Red Mountain, 9220 JV-P

9. AP WELL NO.

10. FIELD AND POOL, OR WILDCAT
 Bridger Lake

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 22, T3N, R14E

12. COUNTY OR PARISH
 Summit

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles southwest from Lonetree, WY

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1284' lse line
 2676' unit line

16. NO. OF ACRES IN LEASE
 480

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4500'

19. PROPOSED DEPTH
 16175'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 9477' GR

22. APPROX. DATE WORK WILL START*
 Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

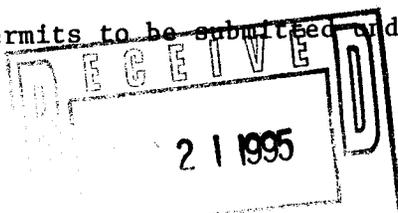
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	K55 - 13-3/8	61#	600'	834
12-1/4	N80 - 9-5/8	47	9200	1180
8-1/2	P110- 5-1/2	20	TD	1750

15. Upon completion Bridger Lake Unit boundary will be changed to include this well.

18. Bridger Lake Unit - Fork A #6

I hereby certify that BTA is responsible under the terms and conditions of the lease to conduct lease operations in conjunction with this application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BTA Oil Producers under our Letter of Credit - Statewide Bond # UT 0711.

Special use permits, water permits and sewage permits to be submitted under separate cover.



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

24. SIGNED *Dorothy Houghton* TITLE Regulatory Administrator DATE 12-8-95

(This space for Federal or State office use)
 PERMIT NO. 43-043-30313 APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:
 APPROVED BY *M. Matthews* TITLE Petroleum Engineer DATE 11/7/96

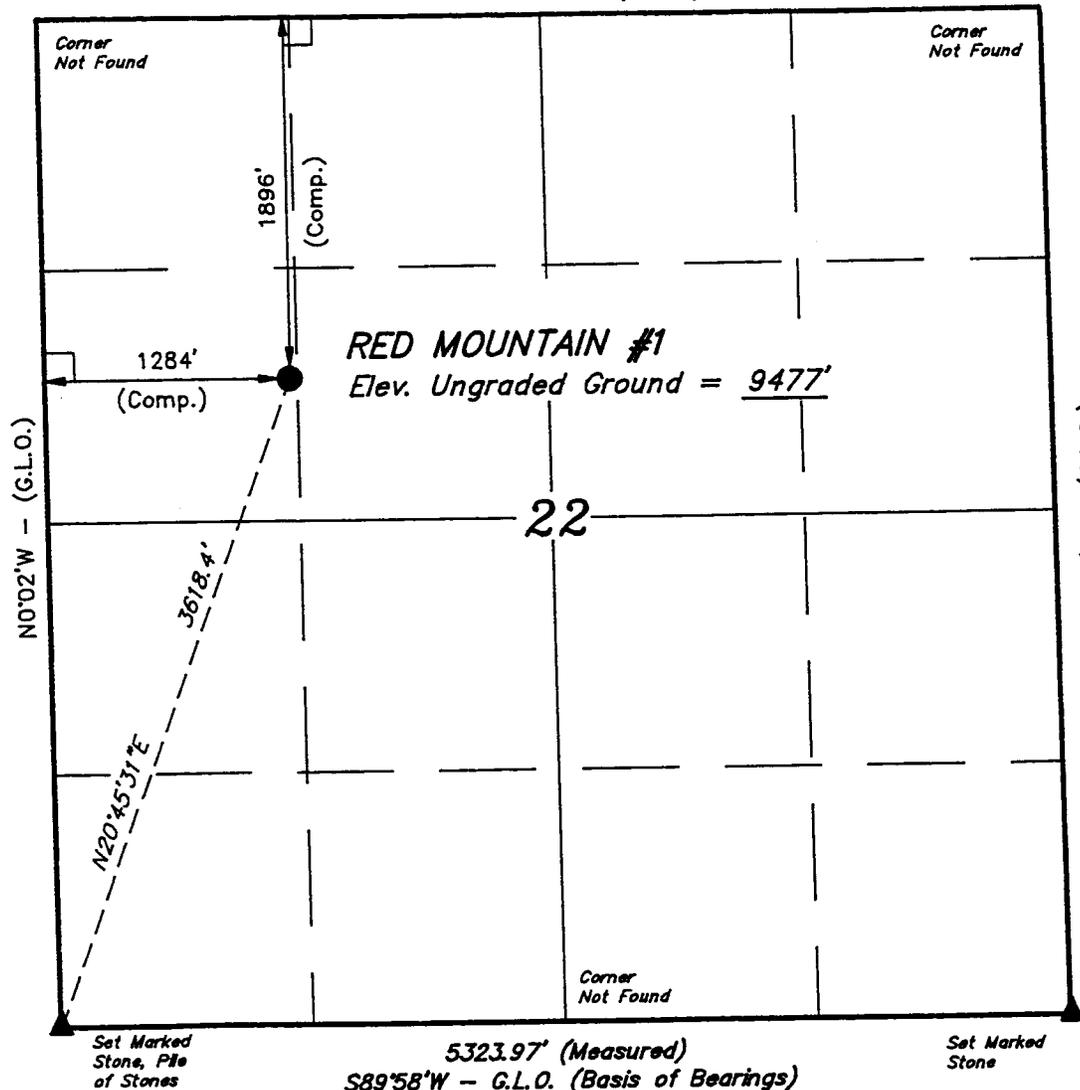
*See Instructions On Reverse Side

T3N, R14E, S.L.B.&M.

BTA OIL PRODUCERS

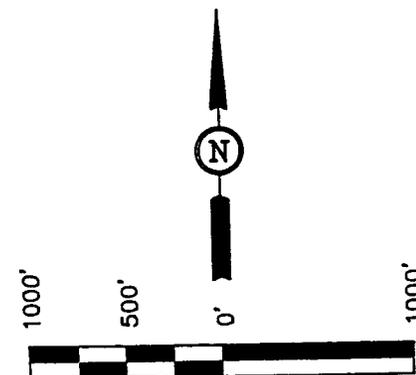
Well location, RED MOUNTAIN #1, located as shown in the SW 1/4 NW 1/4 of Section 22, T3N, R14E, S.L.B.&M. Summit County, Utah

N89°59'W - 79.98 (G.L.O.)



BASIS OF ELEVATION

RED MOUNTAIN TRIANGULATION STATION LOCATED IN THE SE 1/4 OF SECTION 22, T3N, R14E, S.L.B.&M. TAKEN FROM THE GILBERT PEAK NE QUADRANGLE, UTAH-WYOMING, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 9520 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

161219
[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161219
 STATE OF UTAH

REVISED: 11-1-95 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 9-20-95	DATE DRAWN: 9-22-95
PARTY G.S. J.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BTA OIL PRODUCERS	

Form 3160-3 (July 1992)

SUBMIT IN TRIPLI (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL [X] DEEPEN []
b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER []
SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR BTA Oil Producers

3. ADDRESS AND TELEPHONE NO. 104 S. Pecos, Midland, Texas 79701 (915)682-3753

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1896' FNL & 1284' FWL At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles southwest from Lonetree, WY

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1284' lse line 2676' unit line

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 9477' GR

5. LEASE DESIGNATION AND SERIAL NO. UT 013148
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Bridger Lake Unit
8. FARM OR RANGE NAME WELL NO. #1, Red Mountain, 9220 JV-F
9. AIR WELL NO.
10. FIELD AND POOL, OR WILDCAT Bridger Lake
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 22, T3N, R14E
12. COUNTY OR PARISH Summit
13. STATE Utah

16. NO. OF ACRES IN LEASE 480
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH 16175'
20. ROTARY OR CABLE TOOTH Rotary

22. APPROX. DATE WORK WILL START* Upon approval

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, GRADE SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 17-1/2, 12-1/4, and 8-1/2 hole sizes.

15. Upon completion Bridger Lake Unit boundary will be changed to include this well.
18. Bridger Lake Unit - Fork A #6

I hereby certify that BTA is responsible under the terms and conditions of the lease to conduct lease operations in conjunction with this application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BTA Oil Producers under our Letter of Credit - Statewide Bond # UT 0711.

Special use permits, water permits and sewage permits to be submitted under separate cover.

DEC 11 1995 BUREAU OF LAND MANAGEMENT SALT LAKE CITY, UTAH 84110

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

SIGNED [Signature] TITLE Regulatory Administrator DATE 12-8-95

PERMIT NO. APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

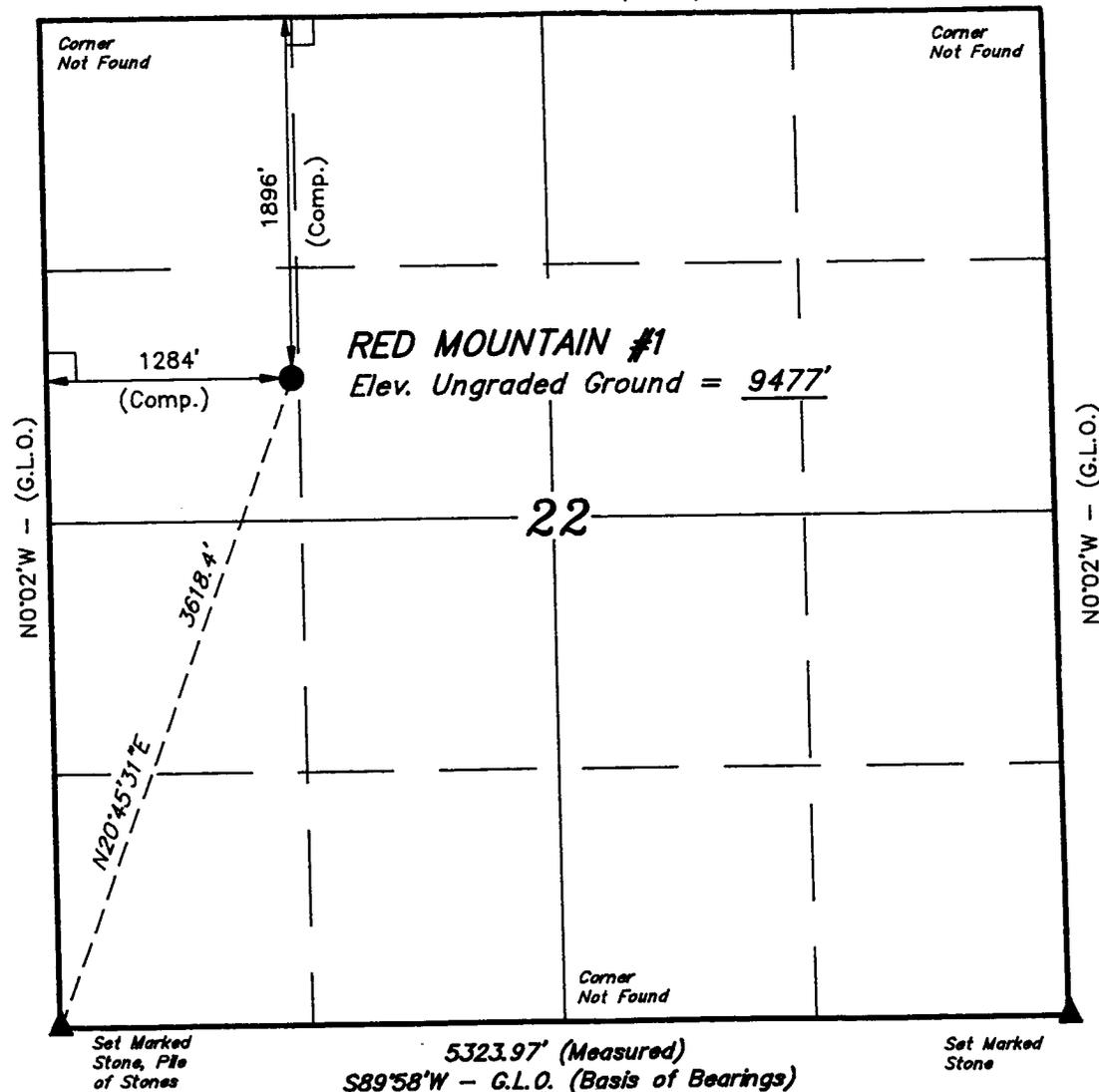
APPROVED BY [Signature] TITLE Field Manager DATE 11-6-98 *See Instructions On Reverse Side

T3N, R14E, S.L.B.&M.

BTA OIL PRODUCERS

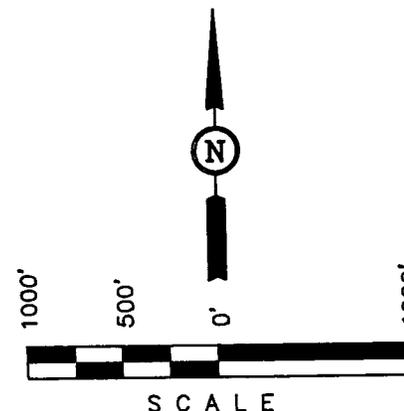
Well location, RED MOUNTAIN #1, located as shown in the SW 1/4 NW 1/4 of Section 22, T3N, R14E, S.L.B.&M. Summit County, Utah

N89°59'W - 79.98 (G.L.O.)



BASIS OF ELEVATION

RED MOUNTAIN TRIANGULATION STATION LOCATED IN THE SE 1/4 OF SECTION 22, T3N, R14E, S.L.B.&M. TAKEN FROM THE GILBERT PEAK NE QUADRANGLE, UTAH-WYOMING, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 9520 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REG. No. 161319
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 11-1-95 D.R.B.

UTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 9-20-95	DATE DRAWN: 9-22-95
PARTY G.S. J.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BTA OIL PRODUCERS	

Exhibit 47

United States
Department of
Agriculture

Fore
Service

Mountain View
Ranger District

21 Highway 414 East
P.O. Box 129
Mtn. View, WY 82939
(307) 782-6555

Reply to: 1950/2820

Date: 18 March 1996

#29

Enclosed for your review and comment is a Public Involvement Document for an oil and gas well and access proposed by BTA Oil Producers. The proposal is on the Mountain View Ranger District, Wasatch-Cache National Forest.

Please send comments by 18 April 1996 to:

Attn: Stephen Ryberg
Mountain View Ranger District
P.O. Box 129
Mountain View, WY 82939

Sincerely,

Stephen M. Ryberg
Stephen Ryberg
District Ranger

enclosure:

113

I. INTRODUCTION

Proposal

BTA Oil Producers of Midland, Texas has submitted a Notice of Staking for a proposed drillsite on National Forest lands within the Mountain View Ranger District, Wasatch-Cache National Forest. The proposed drillsite is known as 9220 JV-P Red Mountain Well #1. The proposed drillsite and secondary access are located within T3N, R14E, Sec 22, Salt Lake Meridian, Summit County, Utah. Two alternate drillsites and accesses, all within T34N, R14E, Sec 22, were identified (see Maps A & B). The proposal and alternatives are on National Forest lands with federal mineral ownership. Portions of Federal Oil and Gas Lease UT-013148 are assigned to the Bridger Lake Unit (see Map B).

II. APPROVED DECISIONS

The purpose of and need for this project is to respond to the proposal of the leaseholder(s) to exercise their rights to drill for, extract, remove, and dispose of all the oil and gas (except helium) in the lands described in the lease. Included is the right to build and maintain necessary improvements. The Forest Service must approve or disapprove the Surface Use Plan of the Operation portion of the Application for Permit to Drill.

Federal Oil & Gas Lease UT-013148 was issued by the Bureau of Land Management on October 1, 1954. The lease was issued with Form 4-216, "Stipulations for Lands Under Jurisdiction of Department of Agriculture" attached (see attached copy of lease). Oil and gas lease stipulations govern development activities. Whenever a proposal would require an exception to a lease stipulation, the exception would be specifically considered in an environmental analysis of the proposed action.

Oil and gas development in this area is in conformance with the management direction for the North Slope Management Area as identified in the Wasatch-Cache National Forest Land and Resource Management Plan (9/4/85) and North Slope Oil and Gas Leasing EIS (4/21/94). The proposed action is adjacent to the study area for the Hickey Table Mountain Oil and Gas Field Development Project EIS (6/87) (see Map C).

The Wasatch-Cache National Forest Land and Resource Management Plan provides standards and guidelines to guide oil and gas activities within the North Slope Management Area (Pages IV-95 - IV-97).

III. DECISIONS TO BE MADE/ANALYSIS TO BE CONSIDERED

Decisions to be made regarding the proposed action:

12

H201

The decision to be made is whether or not to approve the Surface Use Plan of Operations. The approval will include identification of an environmentally suitable drillsite, access road, and pipeline right-of-way that coordinates with other resource management activities, minimizes surface resource impacts while accommodate the needs for the development.

Other determinations to be made on the analysis:

1. A determination whether or not the proposed action or alternative/s conform with the existing Forest Service policies, regulations and approved land management direction.
2. A determination of appropriate mitigation of appropriate mitigation, management and monitoring requirements.
3. Determine if an EIS is necessary based on section 1508.27 of the CEQ regulations and document in the decision notice.

IV. ISSUES AND CONCERNS

The following preliminary issues have been identified related to this proposal:

1. Visual Resource - Can the visual quality objectives of the proposal are be met?
2. Safety - Can the existing road and/or proposed access safely accommodate the increased traffic volumes and size vehicles?
3. Forest Users - What are the potential impacts/benefits to other National Forest Users, including livestock permittees, timber operators, and recreationists?
4. Cultural Resources - If there are cultural resources in the area, what mitigation will be applied to protect the resources?
5. Wildlife Habitat - If there are any key habitats, what mitigation measures will be applied to protect them?
6. Soil - Soils within the proposal area have a high water table. Can these soils be avoided or can mitigation measures be applied to protect them from erosion?

V. PRELIMINARY ALTERNATIVES (See Map B)

Alternative 1 - Drillsite located 1820' FNL & 2140' FWL in T3N, R14E, Section 22. This alternative would require the construction of approximately 200 feet of road from Forest Service Road 80017 to the drillsite. *

Alternative 2 - Drillsite located 880' FNL & 2880' FWL in T3N, R14E, Section 22. This alternative would require the construction of approximately 1000 feet of road from Forest Service Road 80017 to the drillsite. *

Alternative 3 - Drillsite located 1896' FNL & 1284' FWL in T3N, R14E, Section 22. This alternative would require the construction of approximately 500 feet of road from Forest Service Road 80017 to the drillsite. *

- * Under these alternatives existing Forest Service Roads 40072, 40017 and 80017 would be used to the secondary access (see Map A). Under these alternatives the oil & gas pipelines would be buried in the right-of-way of existing roads 80017, 80155 and 400155 (see Map B).

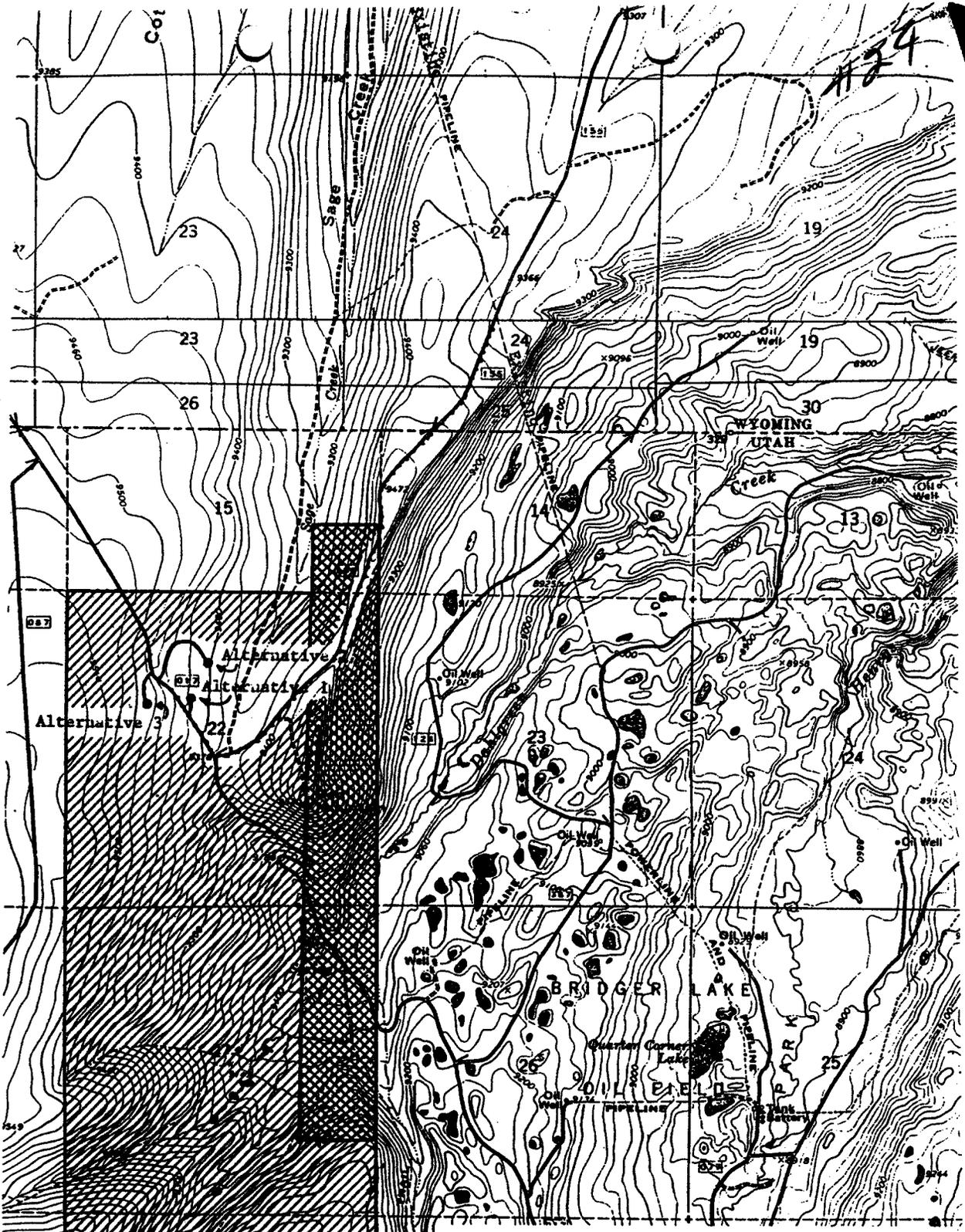
VI. PROVISIONS FOR PUBLIC INVOLVEMENT

The anticipated date for completion of the environmental analysis is 15 June 1996.

The public and other resource management agencies are encouraged to participate throughout this environmental analysis process. Public responses will be helpful if they are received by the reference date on the attached cover letter. Please address comments to:

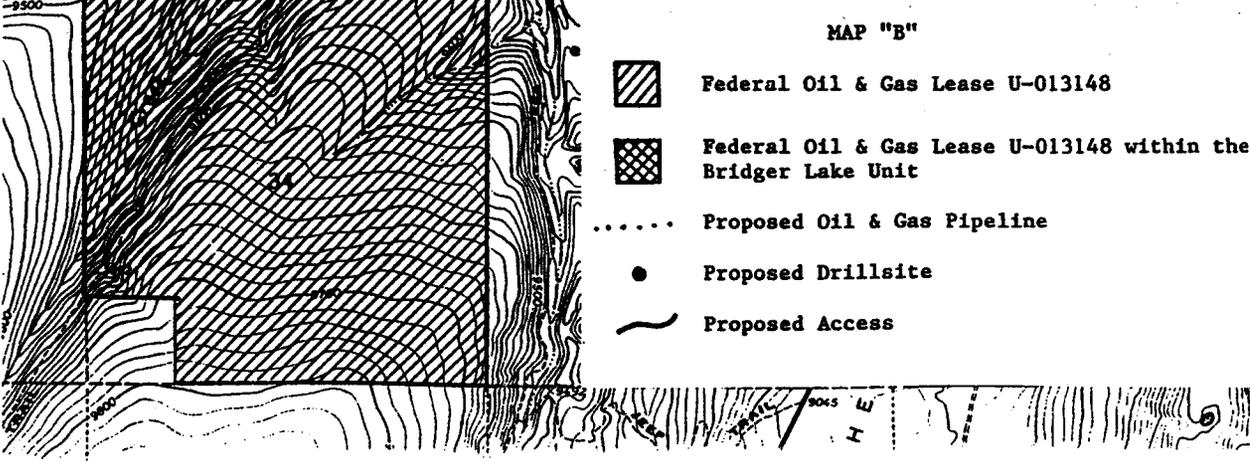
Steve Ryberg, District Ranger
Mountain View Ranger District
P.O. Box 129
Mountain View, WY 82939

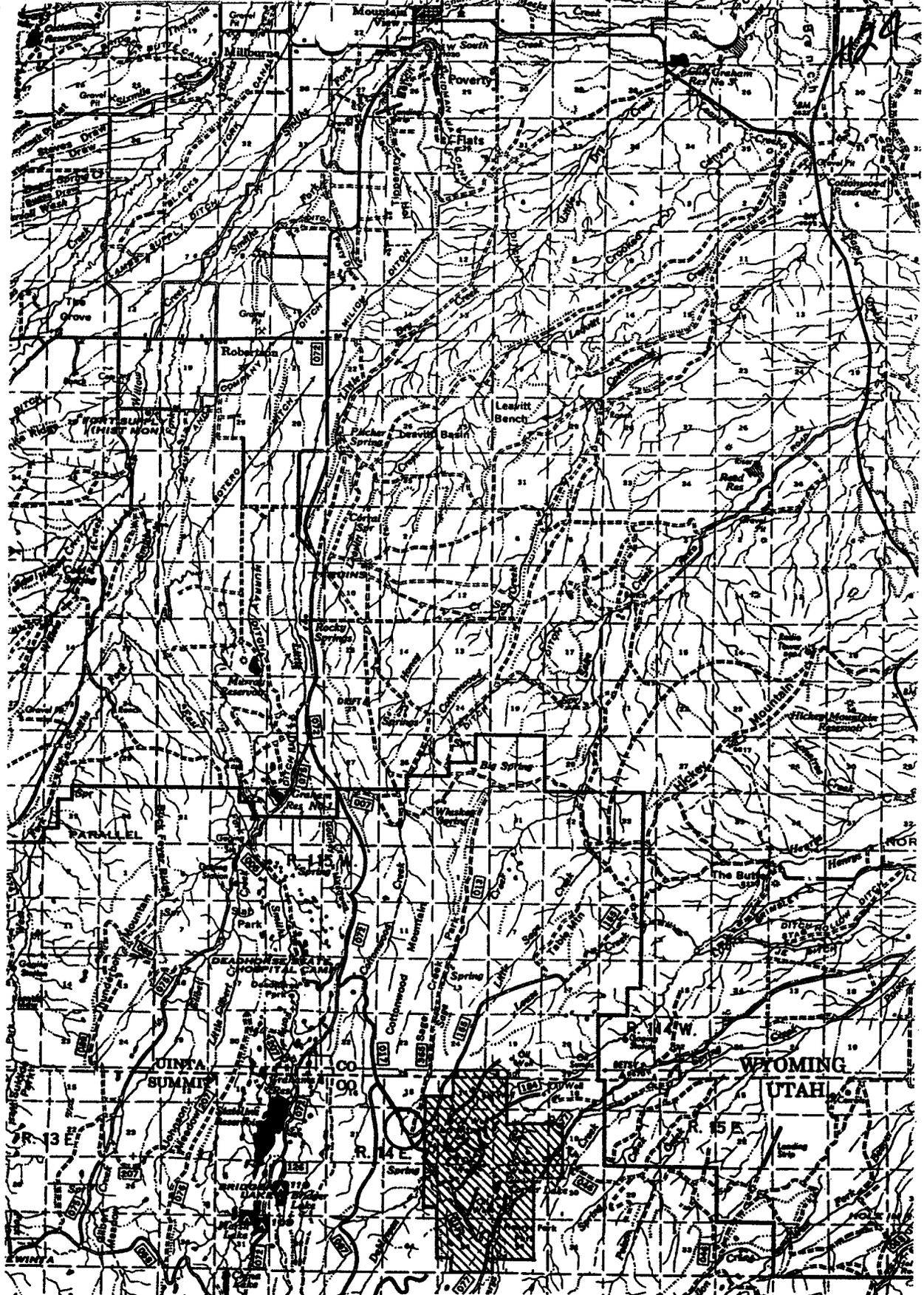
OR-858-14
Propose
for Pub
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AC



MAP "B"

-  Federal Oil & Gas Lease U-013148
-  Federal Oil & Gas Lease U-013148 within the Bridger Lake Unit
-  Proposed Oil & Gas Pipeline
-  Proposed Drillsite
-  Proposed Access





MAP "A"

-  Forest Service Roads 40072, 40017, & 80017
-  Bridger Lake Unit
-  Proposal Area



MIDLAND PARTNERS
CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL

DENVER PARTNER
BARRY BEAL, JR.

BTA OIL PRODUCERS

104 SOUTH PECOS
MIDLAND, TEXAS 79701

AC 915-682-3753
FAX 915-683-0311

January 12, 1996

ROCKY MOUNTAIN DIVISION
555-17TH STREET
SUITE 835
DENVER, CO 80202
AC 303-292-9299
FAX 303-297-0666

RE: Exception to Location
#1 Red Mountain, 9220 JV-P
1,896' FNL & 1,284' FWL
Sec. 22, T3N, R14E
Summit County, Utah

STATE OF UTAH
Department of Natural Resources
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 W. North Temple
Salt Lake, City, Utah 84180-1203

Gentlemen:

BTA hereby requests administrative approval to drill at the above referenced location.

Our original location was a standard location for the State of Utah. We restaked the well three times to find an agreement with the BLM and U.S. Forest Service for adequate room for the rig components, due to the topography of the mountain side. Please note the topographic Map "B" enclosed. We are also including a copy of the area on the Summit County map showing the offsetting acreage, all held by BTA.

Upon successful completion of this well, BTA will request a change in the Bridger Lake Unit boundary to include this well.

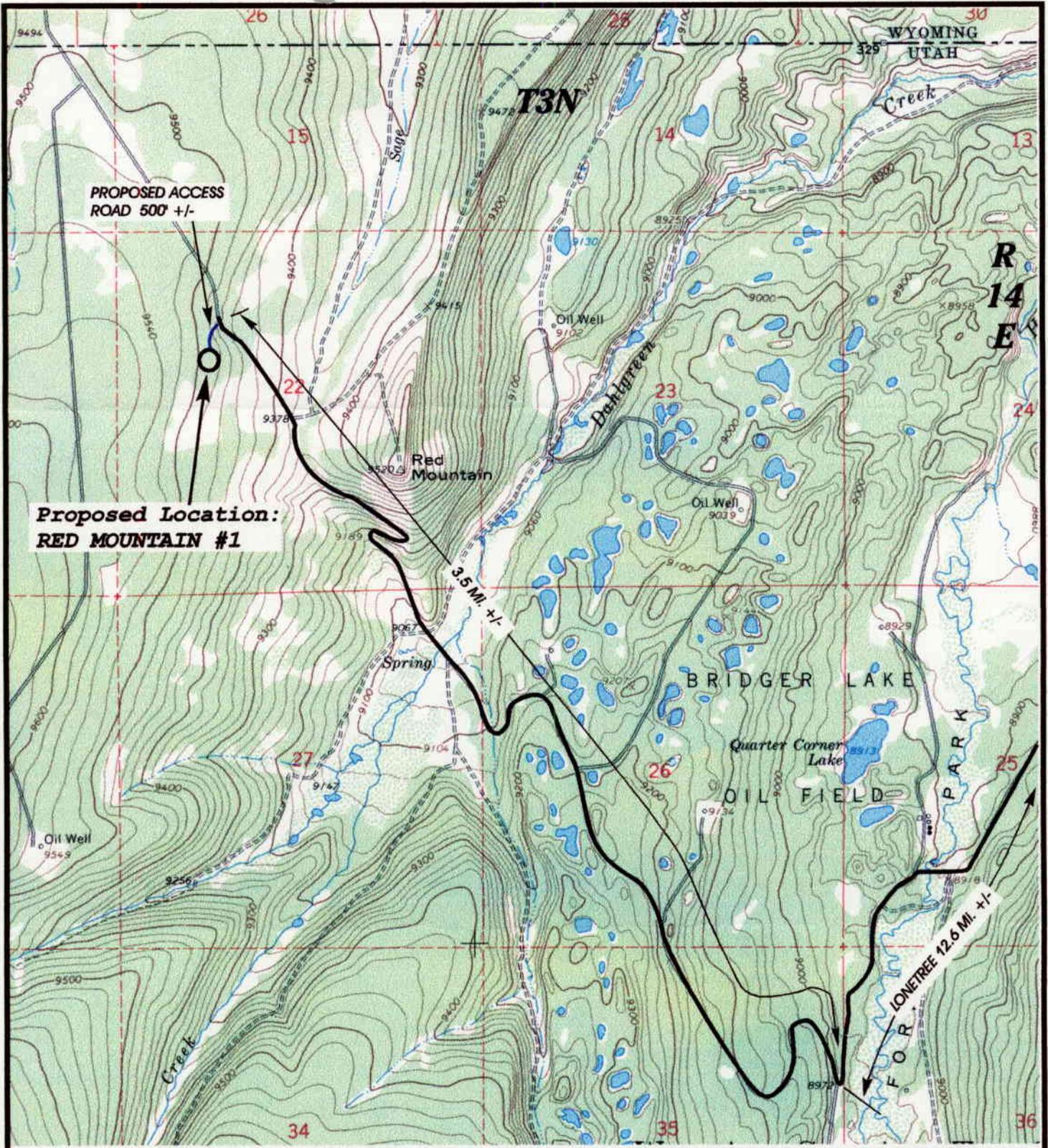
Should further information be required, please advise.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi

Enclosures



PROPOSED ACCESS ROAD 500' +/-

Proposed Location:
RED MOUNTAIN #1

3.5 MI. +/-

FOR IONETREE 12.6 MI. +/-



TOPOGRAPHIC
MAP "B"

DATE: 9-22-95 C.B.T.
REVISED: 11-2-95 C.B.T.

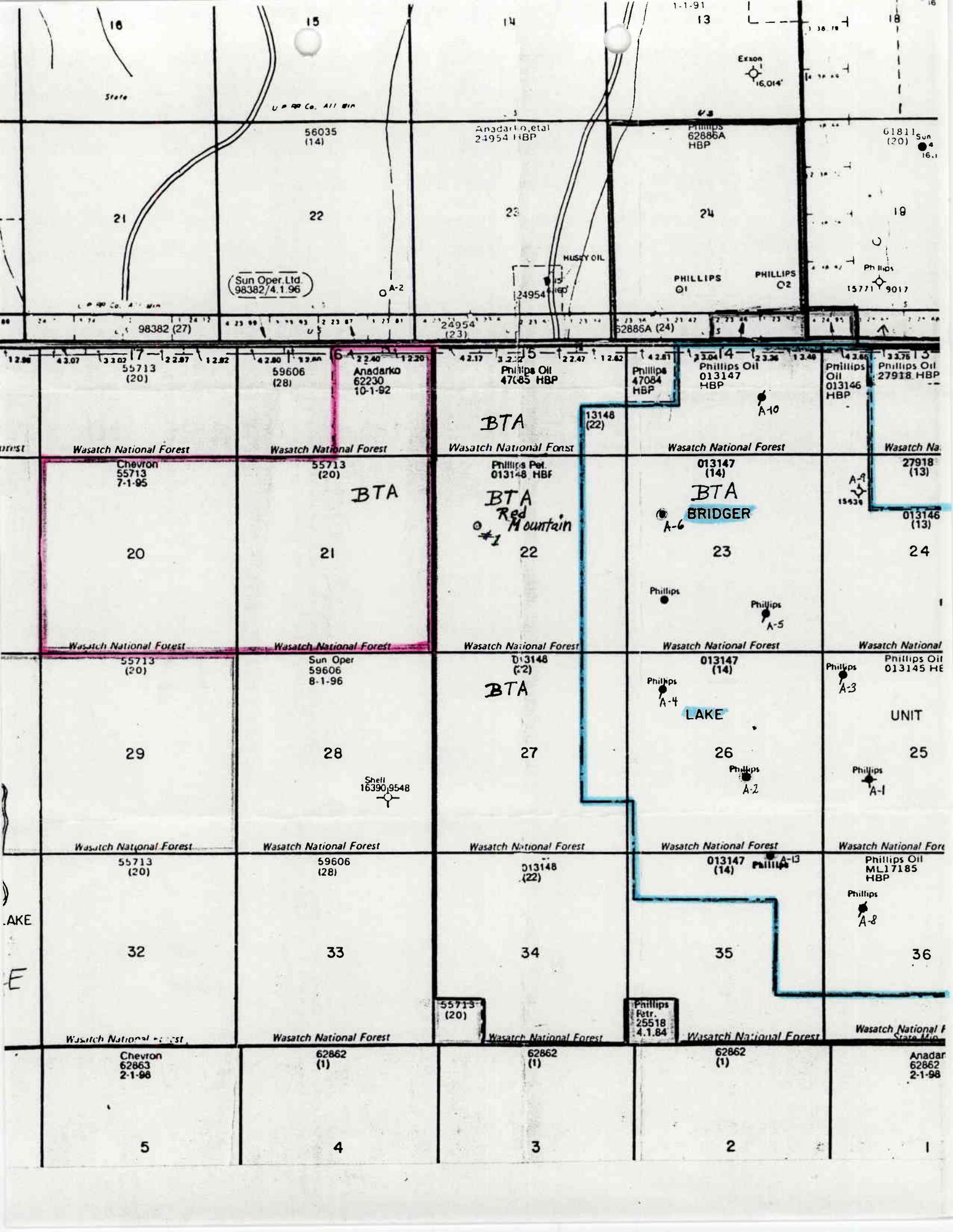
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

BTA OIL PRODUCERS

RED MOUNTAIN #1
SECTION 22, T3N, R14E, S.L.B.&M.
1896' FNL 1284' FWL



10

15

14

13

18

State

U.P. Co. All Min

Exxon
16,014'

56035
(14)

Anadarko, et al
24954 HBP

Phillips
62886A
HBP

61811
(20) Sun
16.1

21

22

23

24

19

(Sun Oper. Ltd.
98382/4.1.96)

MUSKEY OIL

24954 HBP

PHILLIPS
O1

PHILLIPS
O2

Phillips
15771 9017

98382 (27)

24954 (23)

62886A (24)

55713 (20)

59606 (28)

Anadarko
62230
10-1-92

Phillips Oil
47085 HBP

Phillips
47084
HBP

Phillips Oil
013147
HBP

Phillips
Oil
013146
HBP

Phillips Oil
27918 HBP

BTA

13148 (22)

A-10

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch Na

Chevron
55713
7-1-95

55713 (20)

BTA

Phillips Petr.
013148 HBP

BTA
Red Mountain
#1

013147 (14)

BTA
BRIDGER

27918 (13)

A-9
15438

013146 (13)

20

21

22

23

24

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch National

55713 (20)

Sun Oper
59606
8-1-96

013148 (22)

BTA

013147 (14)

LAKE

Phillips Oil
013145 HBP

UNIT

29

28

27

26

25

Shell
16390,9548

Phillips
A-4

Phillips
A-2

Phillips
A-3

Phillips
A-1

Wasatch National Forest

55713 (20)

59606 (28)

013148 (22)

013147 (14)

Phillips
A-13

Phillips Oil
ML17185
HBP

Phillips
A-8

32

33

34

35

36

55713 (20)

Phillips
Petr.
25518
4.1.84

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch National Forest

Wasatch National F
State Min

Chevron
62863
2-1-98

62862 (1)

62862 (1)

62862 (1)

Anadarko
62862
2-1-98

5

4

3

2

1

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: BTA OIL PRODUCERS	Well Name: # 1 RED MOUNTAIN
Project ID: 43-043-30313	Location: SEC. 22 - T03N - R14E

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 5962 psi
 Internal gradient (burst) : 0.151 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1 16,175	5.500	20.00	P-110	LT&C	16,175	4.653			
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	8403	11100	1.321	8403	12640	1.50	274.04	548	2.00 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-21-1995
 Remarks :

Minimum segment length for the 16,175 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 187°F (Surface 74°F , BHT 300°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and 8,403 psi, respectively.

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

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: BTA OIL PRODUCERS	Well Name: # 1 RED MOUNTAIN
Project ID: 43-043-30313	Location: SEC. 22 - T03N - R14E

Design Parameters:

Mud weight (9.50 ppg) : 0.494 psi/ft
 Shut in surface pressure : 5962 psi
 Internal gradient (burst) : 0.151 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

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

*** WARNING *** Design factors for collapse and burst exceeded in design!

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost			
1	9,200	9.625	47.00	N-80	LT&C	9,200	8.625			
		Collapse Load Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips)	S.F.		
1		4540	4760	1.048	7350	6870	0.93	369.59	905	2.45 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-21-1995
 Remarks :

Minimum segment length for the 9,200 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 187°F (Surface 74°F , BHT 300°F & temp. gradient 1.400°/100 ft.)
 String type: Intermediate - Drlg
 Next string will set at 16,175 ft. with 10.00 ppg mud (pore pressure of 8,403 psi.) The frac gradient of 1.000 psi/ft at 9,500 feet results in an injection pressure of 9,500 psi Effective BHP (for burst) is 7,350 psi.
 The minimum specified drift diameter is 8.500 in.

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

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: BTA OIL PRODUCERS	Well Name: # 1 RED MOUNTAIN
Project ID: 43-043-30313	Location: SEC. 22 - T03N - R14E

Design Parameters:

Mud weight (8.50 ppg) : 0.442 psi/ft
 Shut in surface pressure : 3672 psi
 Internal gradient (burst) : 0.094 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

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

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	600	13.375	61.00	K-55	ST&C	600	12.359		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	265	1540	5.811	3729	3090	0.83	31.84	633	19.88 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-21-1995
 Remarks :

Minimum segment length for the 600 foot well is 600 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 187°F (Surface 74°F , BHT 203°F & temp. gradient 1.400°/100 ft.)
 String type: Surface
 Next string will set at 9,200 ft. with 9.50 ppg mud (pore pressure of 4,540 psi.) The frac gradient of 1.000 psi/ft at 9,200 feet results in an injection pressure of 9,200 psi Effective BHP (for burst) is 3,729 psi.

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/21/95

API NO. ASSIGNED: 43-043-30313

WELL NAME: 1 RED MOUNTAIN 9220 JV-P
 OPERATOR: BTA OIL PRODUCERS (N0310)

PROPOSED LOCATION:

SWNW 22 - T03N - R14E
 SURFACE: 1896-FNL-1284-FWL
 BOTTOM: 1896-FNL-1284-FWL
 SUMMIT COUNTY
 BRIDGER LAKE FIELD (510)

LEASE TYPE: FED
 LEASE NUMBER: UT013148

PROPOSED PRODUCING FORMATION: *OKTA* MRSN

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
 (Number 2711)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number _____)
 RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

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

COMMENTS:

STIPULATIONS: 1. WATER PERMIT WILL BE FILED BY SUNDAY PRIOR
TO SPUD.



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

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

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

November 6, 1996

BTA Oil Producers
104 South Pecos
Midland, Texas 79701

Re: #1 Red Mountain 9220 JV-P Well, 1896' FNL, 1284' FWL, SW NW,
Sec. 22, T. 3 N., R. 14 E., Summit County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-043-30313.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth".

R. J. Firth
Associate Director

lwp
Enclosures
cc: Summit County Assessor
Bureau of Land Management, State Office



Operator: BTA Oil Producers
Well Name & Number: #1 Red Mountain 9220 JV-P
API Number: 43-043-30313
Lease: UT 013148
Location: SW NW Sec. 22 T. 3 N. R. 14 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: BTA OIL PRODUCERS

Well Name: 1 RED ^{Mountain} ~~DIAMOND~~ 9220 JV-P

Api No. 43-043-30313

Section 22 Township 3N Range 14E County SUMMIT

Drilling Contractor ~~CORAL~~

Rig # ~~24~~

SPUDDED:

Date 12/29/96

Time _____

How DRY HOLE

Drilling will commence _____

Reported by _____

Telephone # _____

Date: 1/14/97 Signed: FRM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Bridger Lake Unit

8. Well Name and No.

#1, Red Mountain, 9220 JV-I

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

Bridger Lake

11. County or Parish, State

Summit Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 South Pecos, Midland, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1896' FNL & 1284' FWL
Sec. 22, T3N, R14E SW/NW

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Wellsite Supervision</u>
	<u>Water Permit</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

Wellsite Supervision will be by:
Flack Petroleum Consultants
5121 E. 17th St.
Casper, WY 82609
307/265-8197
Ray Rosenthal

State of Utah - Water Right Number: 41-3488 - Attached

Contractor: Quarles Drilling Co. - Rig #24

Toolpushers: Benny Ford & Doug Falen
Estimated to begin moving in rotary tools week of 1-6-97

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

Signed

Dorothy Houghton
DOROTHY HOUGHTON
(This space for Federal or State Office Use)

Title Regulatory Administrator

Date 1/3/97

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Bridger Lake Unit

8. Well Name and No.
#1, Red Mountain, 9220 JV-1

9. API Well No.
43-043-30313

10. Field and Pool, or Exploratory Area
Bridger Lake

11. County or Parish, State
Summit Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BTA OIL PRODUCERS

3. Address and Telephone No.
104 South Pecos, Midland, TX 79701 915/682-3753

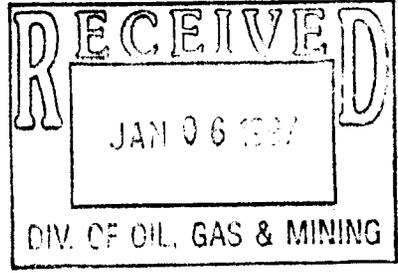
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1896' FNL & 1284' FWL
Sec. 22, T3N, R14E SW/NW

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Wellsite Supervision</u> <u>Water Permit</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. 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.)*

Wellsite Supervision will be by:
 Flack Petroleum Consultants
 5121 E. 17th St.
 Casper, WY 82609
 307/265-8197
 Ray Rosenthal



State of Utah - Water Right Number: 41-3488 - Attached

Contractor: Quarles Drilling Co. - Rig #24

Toolpushers: Benny Ford & Doug Falen
 Estimated to begin moving in rotary tools week of 1-6-97

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

Signed *Dorothy Houghton* Title Regulatory Administrator Date 1/3/97
(This space for Federal or State Office Use)

Approved by 43-43-30313 Title _____ Date _____
 Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE ENGINEER'S ENDORSEMENT

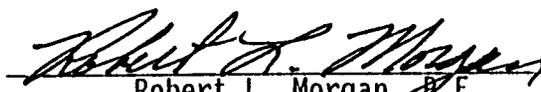
WATER RIGHT NUMBER: 41 - 3488

APPLICATION NO. T70533

1. November 25, 1996 Application received by BMW.
 2. November 26, 1996 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated December 20, 1996, subject to prior rights and this application will expire on December 20, 1997.


Robert L. Morgan, P.E.
State Engineer

OPERATOR BTA Oil Producers

OPERATOR ACCT. NO. N 0310

ENTITY ACTION FORM - FORM 6

ADDRESS 104 S. Pecos

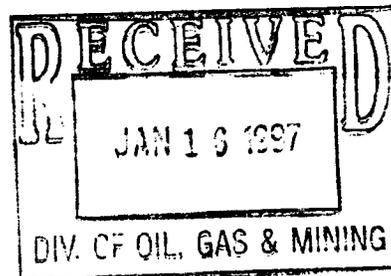
Midland, TX 79701

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12055	⁴³⁻ 043-30313	Red Mountain #1 9220 9V-P	SWNW	22	3N	14E	Summit	12-29-96	
WELL 1 COMMENTS: Entity added 1-16-97. Lee											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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



[Signature]
Signature
Reg. Administrator 1/14/97
Title _____ Date
Phone No. (915) 682-3753

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UT 013148
2. Name of Operator BTA OIL PRODUCERS	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 104 South Pecos, Midland, TX 79701 915/682-3753	7. If Unit or CA, Agreement Designation Bridger Lake Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1896' FNL & 1284' FWL Sec. 22, T3N, R14E SW/NW	8. Well Name and No. #1, Red Mountain, 9220 JV-1
	9. API Well No. 43-043-30313
	10. Field and Pool, or Exploratory Area Bridger Lake
	11. County or Parish, State Summit Co., UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud & csg</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

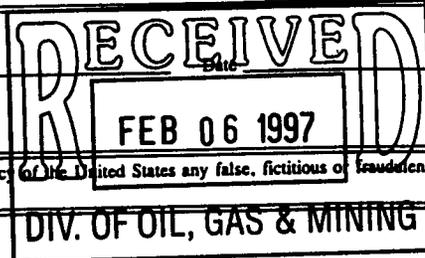
- 12/29/96: Location graded. Set 20" conductor 75' in ground @ 107' (105' from KB) Cmtd w/145 sx type V cmt w/3% CaCl₂.
- 1/6/97: MIRT.
- 2/1/97: Spudded @ 10:00 a.m. Drlg 17-1/2" hole in surface rock & clay w/spud mud.
- 2/2/97: RIH w/13 jts 68# K55 BTC - 13-3/8" csg @ 600', Cmtd w/480 sx (300 sx Hal lite w/2% CaCl₂; 1/4# sx Flocele, Tail-in w/180sx, Cmt circ, WOC 8 hrs.
- 2/3/97: PD @ 4:00 a.m. Installed csg hd & BOP's, Tstd BOP's per BLM spec's & APD Cleaned out to shoe, Tstd csg to 1500 psi, WOC 18 hrs total & drld shoe, Tstd shoe to 11 ppg - EMW

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

Signed *[Signature]* Title Regulatory Administrator Date 2/3/97

(This space for Federal or State Office Use)

Approved by _____ Title _____
Conditions of approval, if any:



Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



MIDLAND PARTNERS
CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL
BARRY BEAL, JR.

BTA OIL PRODUCERS
104 SOUTH PECOS
MIDLAND, TEXAS 79701
915-682-3753
FAX 915-683-0311

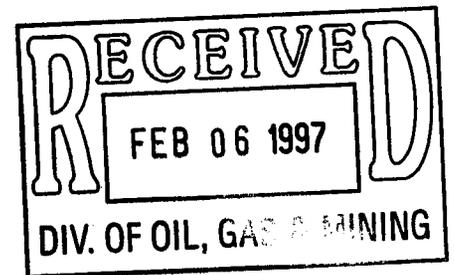
ROCKY MOUNTAIN DIVISION
555-17TH STREET
SUITE 835
DENVER, CO 80202
303-292-9299
FAX 303-297-0666

January 28, 1997

RE: #1, Red Mountain, 9220 JV-P
SW/NW, Sec. 22, T3N, R14E
Summit County, UT

SUMMIT COUNTY PUBLIC WORKS
P. O. Box 128
Coalville, Utah 84017

Attn: Mr. Bob Swenson



Gentlemen:

Please be advised of the following information concerning waste hauling from the above referenced BTA well to be drilled:

Solid Drill Cuttings - to be hauled by: J-West Oil Field Service
and Eight Ball Trucking
to: Dave Murray Disposal
located: Sec. 12, T5S, R19E - La Point
Sewage Waste - to be hauled by: Mountain West Rental - Vernal

Should further information be required, please advise.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi

Double Jack Testing & Services Inc.

FIELD TICKET

Accounting Office: P.O. Box 516 Shoshoni, WY 82649 • (307) 876-9390

Field Operations: Shoshoni, WY (307) 876-2308
 Rock Springs, WY (307) 382-4020
 Evanston, WY (307) 789-9213
 Big Piney, WY (307) 276-5265
 Vernal, UT (801) 781-0448

DATE 2-4-97 2-5-97
 OPERATOR BTA oil PROD.
 RIG NAME & NO. QDC INC #71
 WELL NAME & NO. Red Mountain #1

COUNTY Summit STATE ut SECTION 22 TOWNSHIP 23^N RANGE 14^E

Items Tested:	LOW TEST PSI	TIME HELD MINUTES	HIGHEST PSI	TIME HELD MINUTES	
Top Pipe Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Unit PSI <u>5000</u>
Bottom Pipe Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Time of Rams <u>5^{sec}</u>
Blind Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Time of Annular <u>10^{sec}</u>
Annular B.O.P.	<u>250</u>	<u>5</u>	<u>2500</u>	<u>10</u>	Closed Casing Head Valve <u>YES</u>
Choke Manifold	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Set Wear Sleeve <u>yes</u>
Choke Line	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	COMMENTS <u>Acc Test: OK</u> <u>Pres Charge LOW</u>
Kill Line	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Super Choke	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Upper Kelly	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Lower Kelly	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Floor Valve	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Dart Valve	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Casing			<u>1500</u>	<u>30</u>	

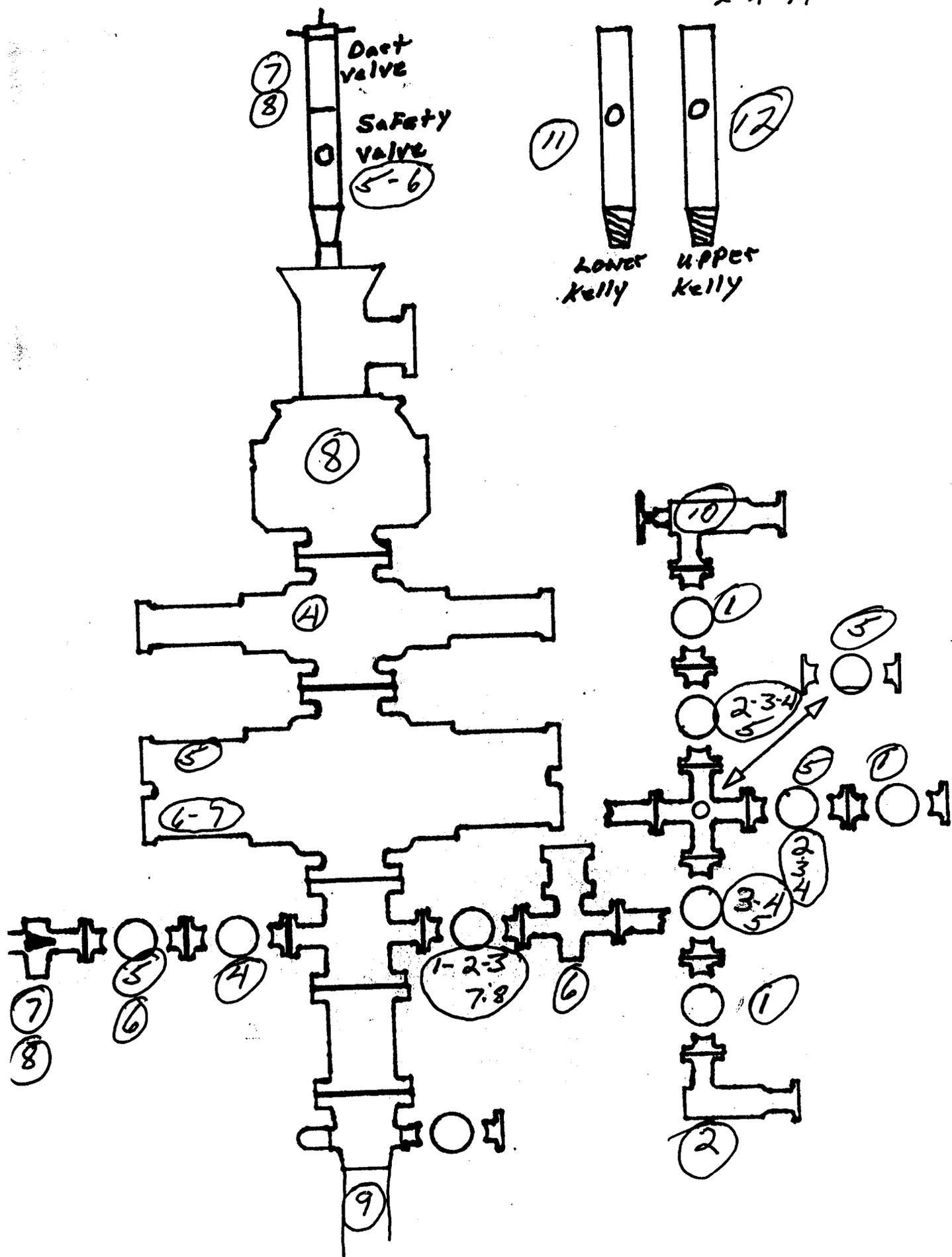
ADDITIONAL TESTS & COMMENTS

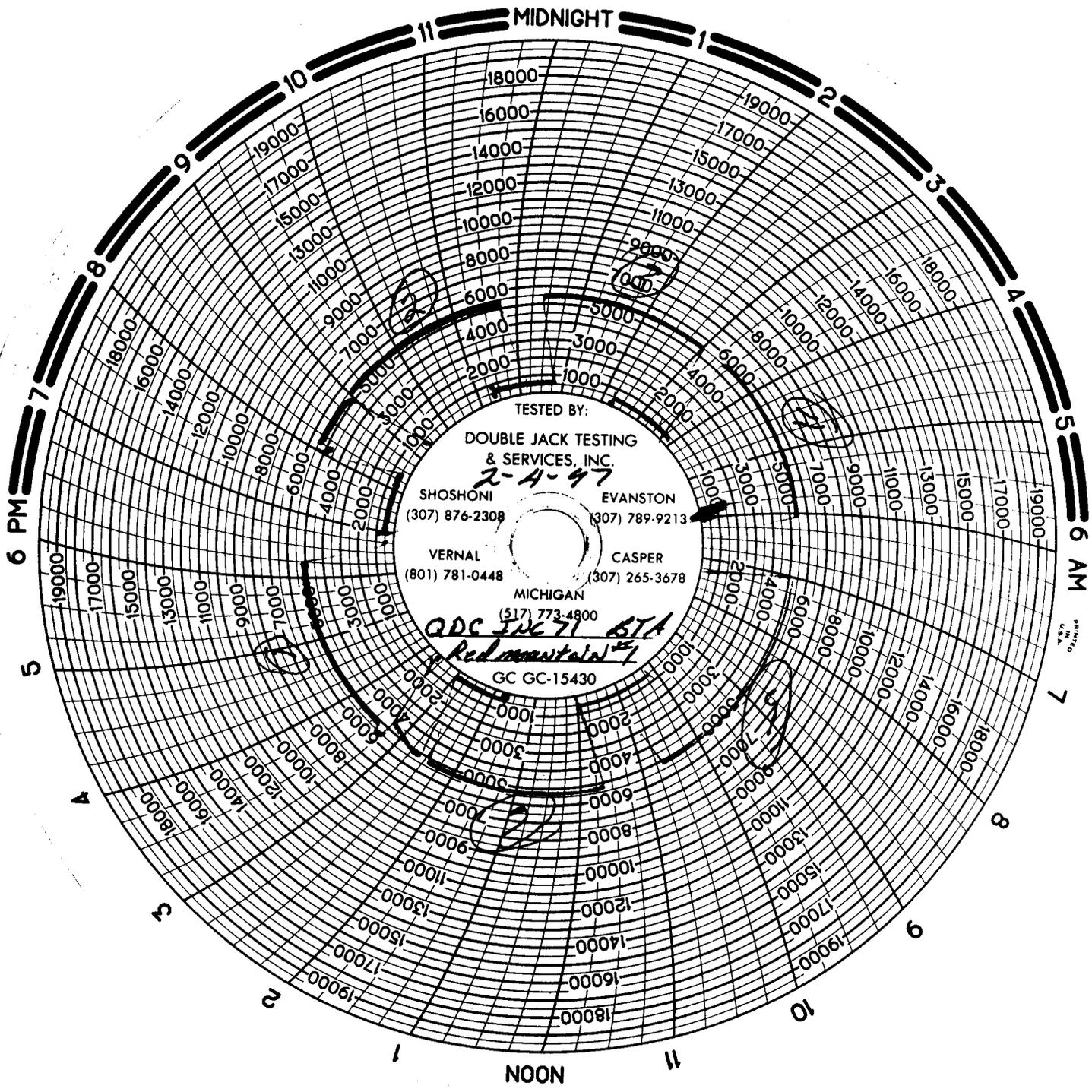
BLM S.L.C. UT overtime 7PM 2-4-97 to
STOP UT 11 PM Leak off 2-5-97
Leak off Test to 80 PSI

BTA Ray Rosenthal
QDC Bernie Ford

TEST PLUG 12" GANSON
 RET. TOOL ON LOC.
 TOP SUB. 4 1/2 IF
 KELLY SUB. 4 1/2 IF
 X-OVER SUB. _____

QDC INC #71
BTA Oil Prod
Red Mountain #1
2-4-47





TESTED BY:

DOUBLE JACK TESTING
& SERVICES, INC.

2-4-97

SHOSHONI
(307) 876-2308

EVANSTON
(307) 789-9213

VERNAL
(801) 781-0448

CASPER
(307) 265-3678

MICHIGAN

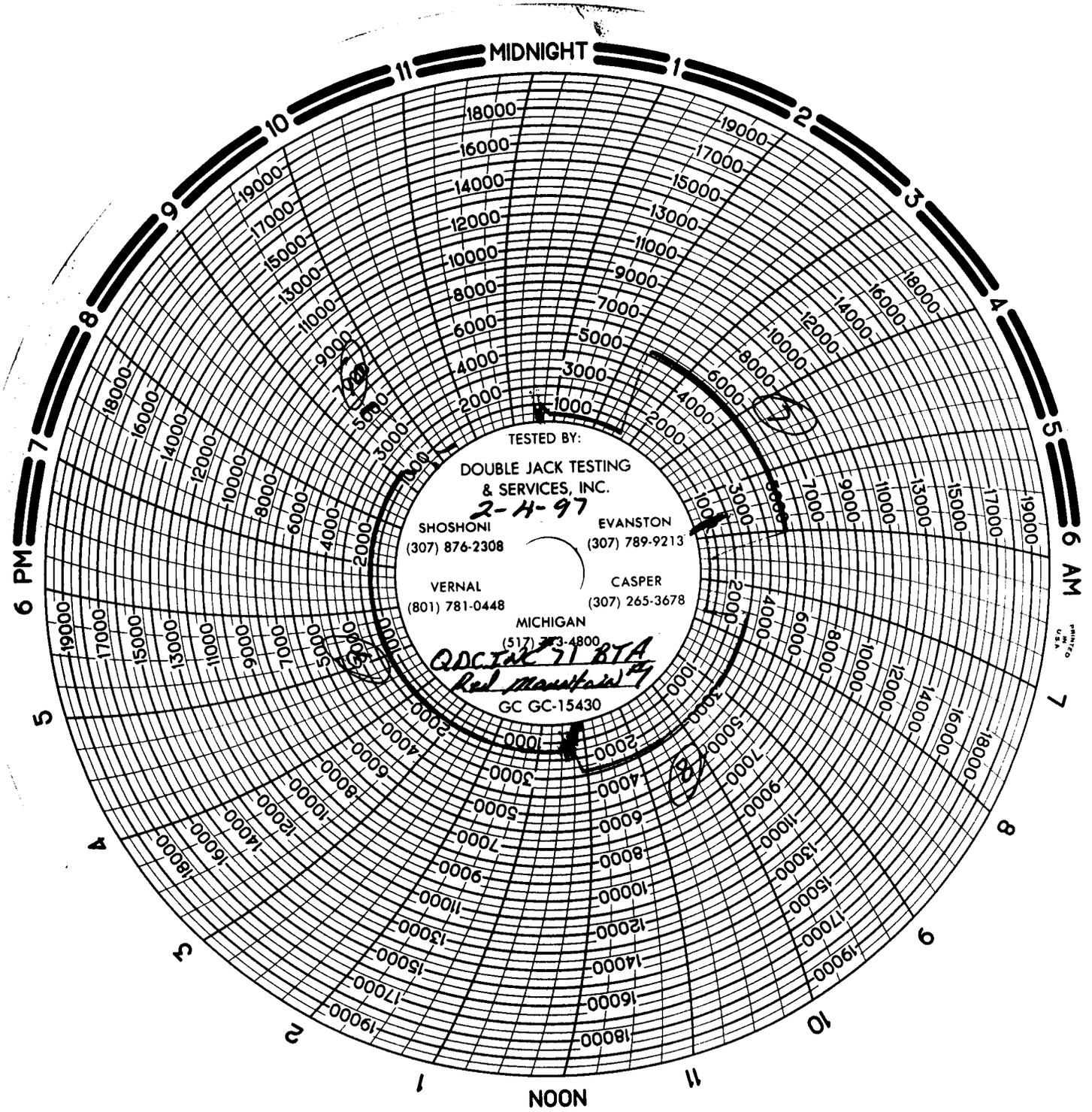
(517) 773-4800

QDC INC 71 67A
Red Mountain

GC GC-15430

PRINTED
IN
U.S.A.

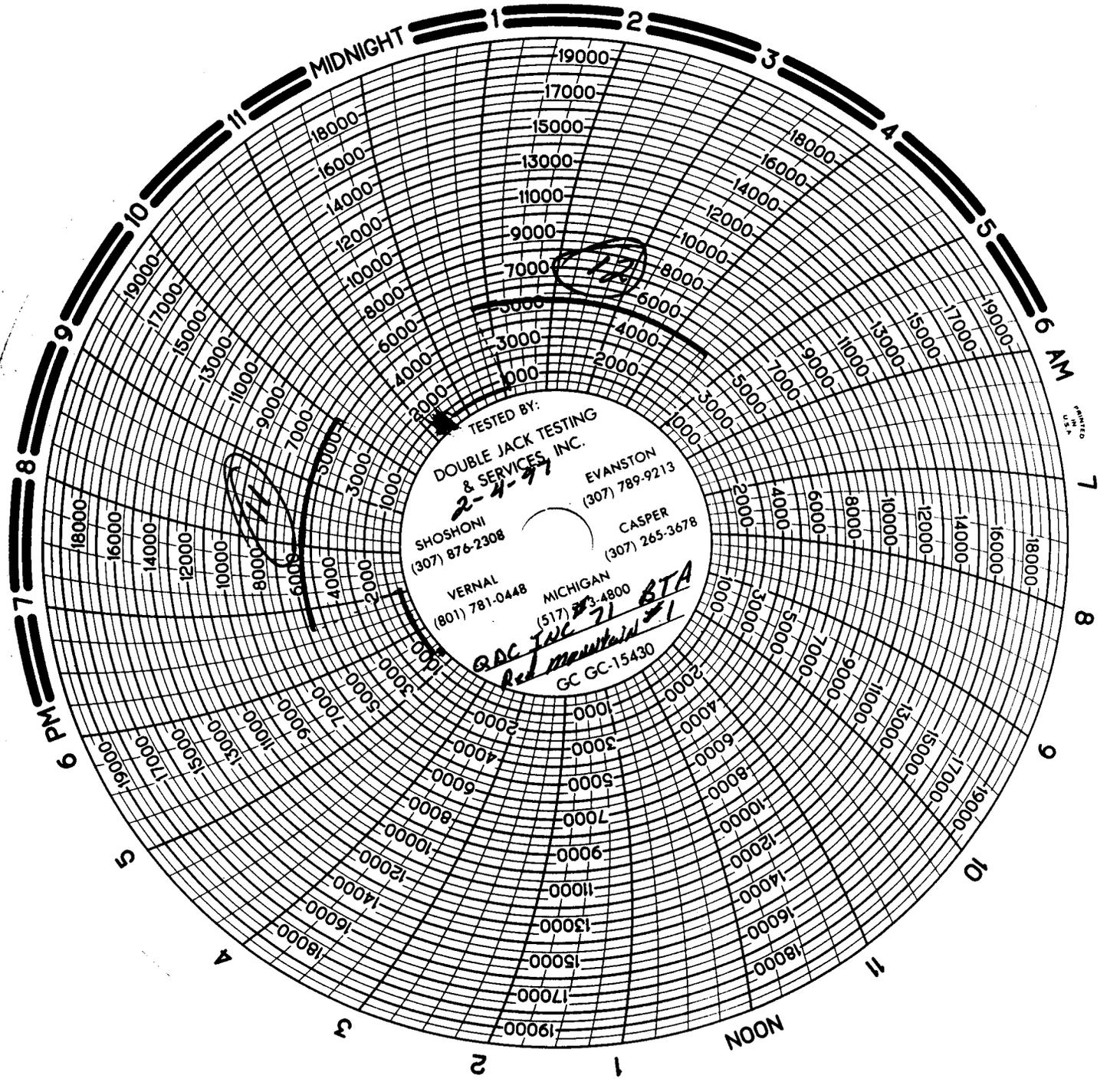
MIDNIGHT



NOON

6 AM

6 PM



PRINTED
U.S.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation Bridger Lake Unit
2. Name of Operator BTA OIL PRODUCERS	8. Well Name and No. #1, Red Mountain, 9220 JV-
3. Address and Telephone No. 104 South Pecos, Midland, TX 79701 915/682-3753	9. API Well No. 43-043-30313
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1896' FNL & 1284' FWL Sec. 22, T3N, R14E SW/NW	10. Field and Pool, or Exploratory Area Bridger Lake
	11. County or Parish, State Summit Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Drlg</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

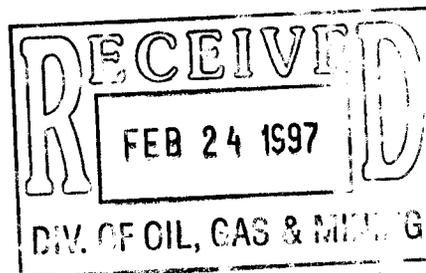
2/8/97: Depth 1705', Drlg 12-1/4" hole, Plugged flowline w/clay, cleaned out & modified flowline. Made wiper trip to clear hole.

2/12/97: Depth 3747', Drlg 12-1/4" hole. Note: Surveyed Elevation: 9477'GR
9509 KB

2/17/97: Depth 4793', POH for new bit, Inspected DC's & BHA. Drlg 12-1/4" hole.

2/19/97: Depth 5075', Drlg 12-1/4" hole.

Orig: BLM; XC: St - Ut



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

Signed *Dorothy Houghton* Title Regulatory Administrator Date 2/19/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

1. Type of Well
 OIL WELL GAS WELL Other

2. Name of Operator
BTA OIL PRODUCERS

3. Address and Telephone No.
104 S. PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1896' FNL & 1284FWL
 SEC 22. T3N, R14E SW/NW**

5. Lease Designation and Serial No.
UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
BRIDGER LAKE UNIT

8. Well Name and No.
#1, RED MOUNTAIN, 9220 JV-P

9. API Well No.
43-043-30313

10. Field and Pool, or Exploratory Area
BRIDGER LAKE

11. County or Parish, State
SUMMIT CO., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Drlg</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

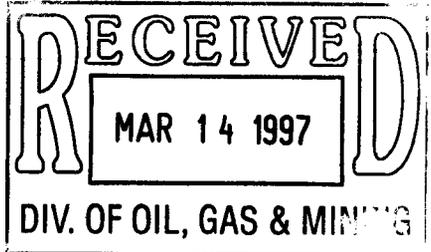
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/20/97: DEPTH 5516', TRIPPED FOR NEW BIT, DRLG 12-1/4" HOLE.

3/2/97: DEPTH 7855', TRIPPED FOR NEW BIT, INSPECTED BHA, DRLG 12-1/4" HOLE IN SD, SHALE & LIME W/MOTOR.

3/5/97: DEPTH 8522, TESTED BOP's PER BLM SPEC'S. GIH W/NEW BIT & MOTOR.

3/11/97: DEPTH 9350', DRLG 12-1/4" HOLE IN SD, SHALE & COAL W/MOTOR, TRIP FOR NEW BIT, MOTOR FAILED, POH W/LD MOTOR. GIH.



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

Signed *[Signature]* Title REGULATORY ADMINISTRATOR Date 3/11/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well

OIL WELL GAS WELL Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 S. PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1896' FNL & 1284FWL
SEC 22. T3N, R14E**

SW/NW

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

BRIDGER LAKE UNIT

8. Well Name and No.

#1, RED MOUNTAIN, 9220 JV-P

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

BRIDGER LAKE

11. County or Parish, State

SUMMIT CO., UT

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TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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Change in approved APD:

**Plan to drill 12-1/4" hole to 11,300'
Cmt 9-5/8" P110, 47# LTC @ 11,300**



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

Signed

[Signature]

REGULATORY ADMINISTRATOR

Date

3/12/97

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

Accepted by the
Division of
Oil, Gas and Mining

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FOR RECORD ONLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Bridger Lake Unit

8. Well Name and No.

#1, Red Mountain, 9220 JV-P

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

Bridger Lake

11. County or Parish, State

Summit Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 South Pecos, Midland, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1896' FNL & 1284' FWL
Sec. 22, T3N, R14E

SW/NW

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Set csg & Drlg</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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3-23-97 Depth 11,000'. Ran open hole logs WIH w/bit & circ POH to run 9-5/8" csg.

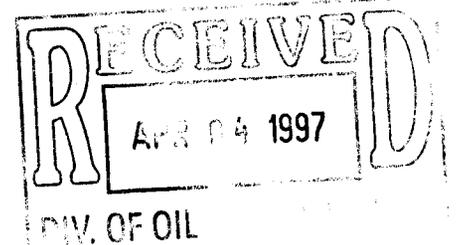
3-24-97 Cmt'd 9-5/8" csg (252 jts 47# P110-S95 LTC) @ 11,000' w/1700 SX. Cmt did not circ. Set slips & cut-off. Installed spool NU & tested BOP's to BLM specs (per APD).

3-25-97 Cleaned out to shoe - tested csg to 2500 psi - OK. WOC 18 hrs total. Ran CBL (per BLM spec) & base csg caliper.

3-26-97 Drld out & tested shoe to 12 ppg - EMW - OK. Drlg 8-1/2" hole in shale & sd w/motor.

3-30-97 Depth 11,908' WIH w/new bit Drlg 8-1/2" hole in shale & sd w/ motor.

4-1-97 Depth 12,340' Drlg 8-1/2 hole in sd & shale w/motor.



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

Signed

Dorothy Houghton
DOROTHY HOUGHTON
(This space for Federal or State Office Use)

Title Regulatory Administrator

Date 4-1-97

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DOUBLE JACK TESTING & SERVICES, INC.

PHONE (307) 276-5265

B.O.P. TEST REPORT

B.O.P. TEST PERFORMED ON (DATE) 3-26-97

OIL COMPANY BJA Oil

WELL NAME & NUMBER Red Mountain 1

SECTION 22

TOWNSHIP 3

RANGE 14E

COUNTY & STATE Summit, Utah

DRILLING CONTRACTOR Quarles 24

OIL COMPANY SITE REPRESENTATIVE Ray B. Rosenthal

RIG TOOL PUSHER _____

TESTED OUT OF Big Piney, Wyo

NOTIFIED PRIOR TO TEST _____

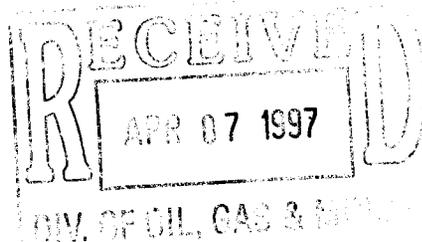
COPIES OF THIS TEST REPORT SENT TO: Utah Oil & Gas
Utah BLM
Ray B. Rosenthal

ORIGINAL CHART & TEST REPORT ON FILE AT:

DOUBLE JACK TESTING & SERVICES, INC.
P O BOX 4117
HOBOKEN, WY 82413

TESTED BY:

David Aylson



J

Double Jack Testing & Services Inc.

FIELD TICKET
No 012806

Accounting Office: P.O. Box 516 Shoshoni, WY 82649 • (307) 876-9390
 Field Operations: Shoshoni, WY (307) 876-2308
 Rock Springs, WY (307) 382-4020
 Evanston, WY (307) 789-9213
 Big Piney, WY (307) 276-5265
 Vernal, UT (801) 781-0448

DATE 3-26-97
 OPERATOR BTA Oil
 RIG NAME & NO. Charles 24
 WELL NAME & NO. Red Mountain 1

COUNTY Summit STATE Utah SECTION 22 TOWNSHIP 3 RANGE 14E

Items Tested:	LOW TEST PSI	TIME HELD MINUTES	HIGHEST PSI	TIME HELD MINUTES	
Top Pipe Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Unit PSI <u>3000</u>
Bottom Pipe Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Time of Rams <u>4sec</u>
Blind Rams	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Closing Time of Annular <u>7sec</u>
Annular B.O.P.	<u>250</u>	<u>5</u>	<u>2500</u>	<u>10</u>	Closed Casing Head Valve <u>yes</u>
Choke Manifold	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	Set Wear Sleeve <u>yes</u>
Choke Line	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	COMMENTS
Kill Line	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Super Choke	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Upper Kelly	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Lower Kelly	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Floor Valve	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Dart Valve	<u>250</u>	<u>5</u>	<u>5000</u>	<u>10</u>	
Casing					

ADDITIONAL TESTS & COMMENTS

Co Hand
B/M Utah
Utah oil & gas

TEST PLUG cam 10' 4 1/2 XH
 RET. TOOL 4 1/2 IF
 TOP SUB. 4 1/2 IF
 KELLY SUB. 4 1/2 IF
 X-OVER SUB. 4 1/2 XH X 4 1/2 IF

RATES

UNIT RATES Setup charge 7hr. 10:00 to 6:00
 ADDITIONAL _____
 MILEAGE 100 at 100 per mile
 METHANOL 80 gal met a 200 persul
 OTHER _____

PURCHASE ORDER #
Ralph R. Assenstat
 COMPANY REPRESENTATIVE

David Nelson
 TESTED BY
144 Thank you
 DOUBLE JACK TESTING UNIT NUME

NOTICE TO ALL CUSTOMERS

If this account shall not be paid when due and it is placed with an attorney for collection, or if suit be instituted for collection, the u of collection including attorney's fees and court cost in compliance with TRUTH IN LENDING AND THE UNIFORM CONSUMER terms of our regular accounts, all amounts for service due and payable within THIRTY (30) DAYS from the receipt of an invoice for s are not paid when due. THE LATE CHARGE is computed by a "periodic rate" 1-3/4% PER MONTH which is an ANNUAL PERC on the billing date. No further credit can be extended on unpaid delinquent accounts until the delinquent account is paid in full. T of God, or unforeseen circumstances that could not be reasonably anticipated in performing the work done as set forth above.

DOUBLE JACK TESTING

DATE 3-26-97

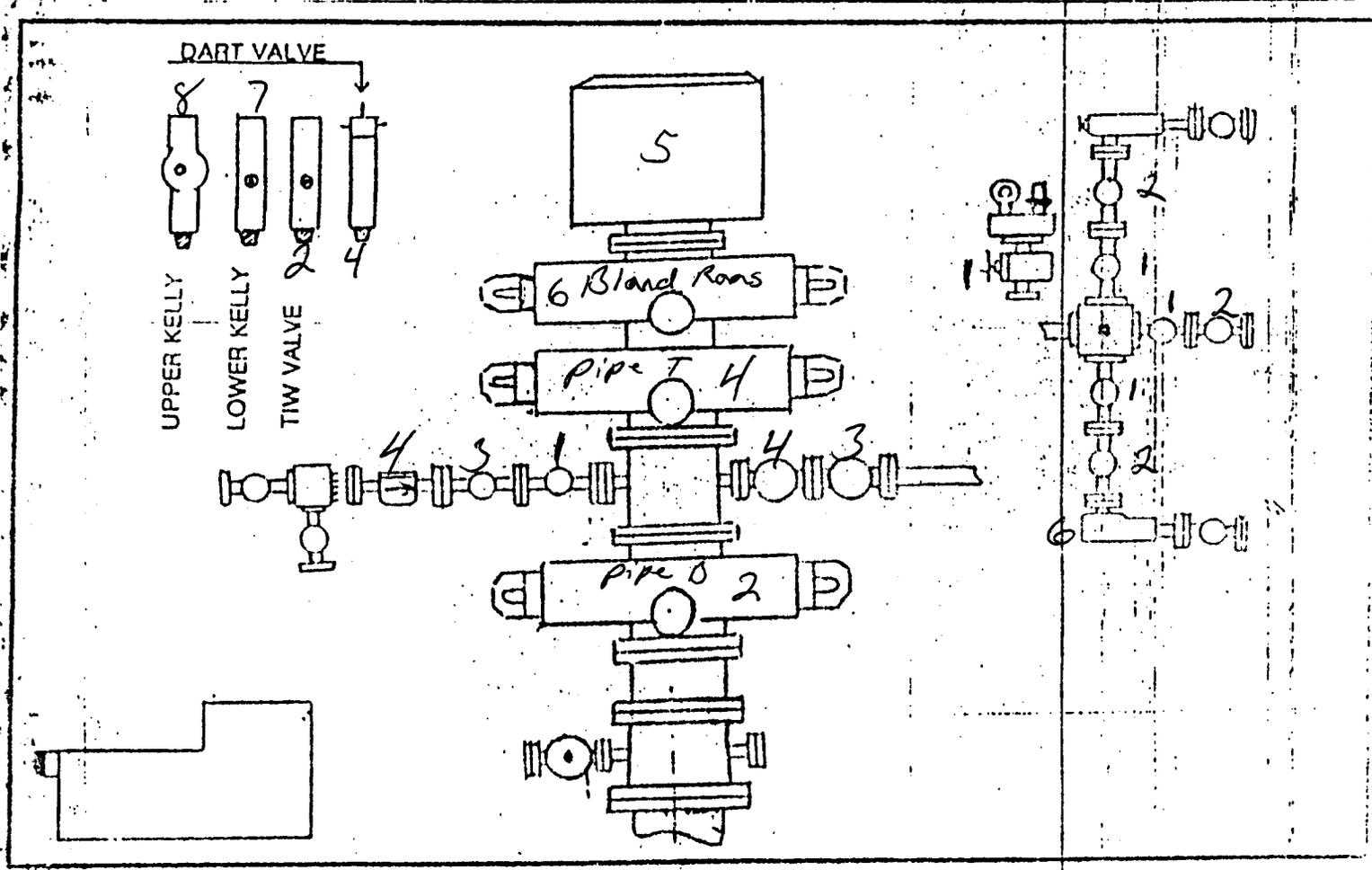
OPERATOR DTA

Riser valve

RIG Owens 24

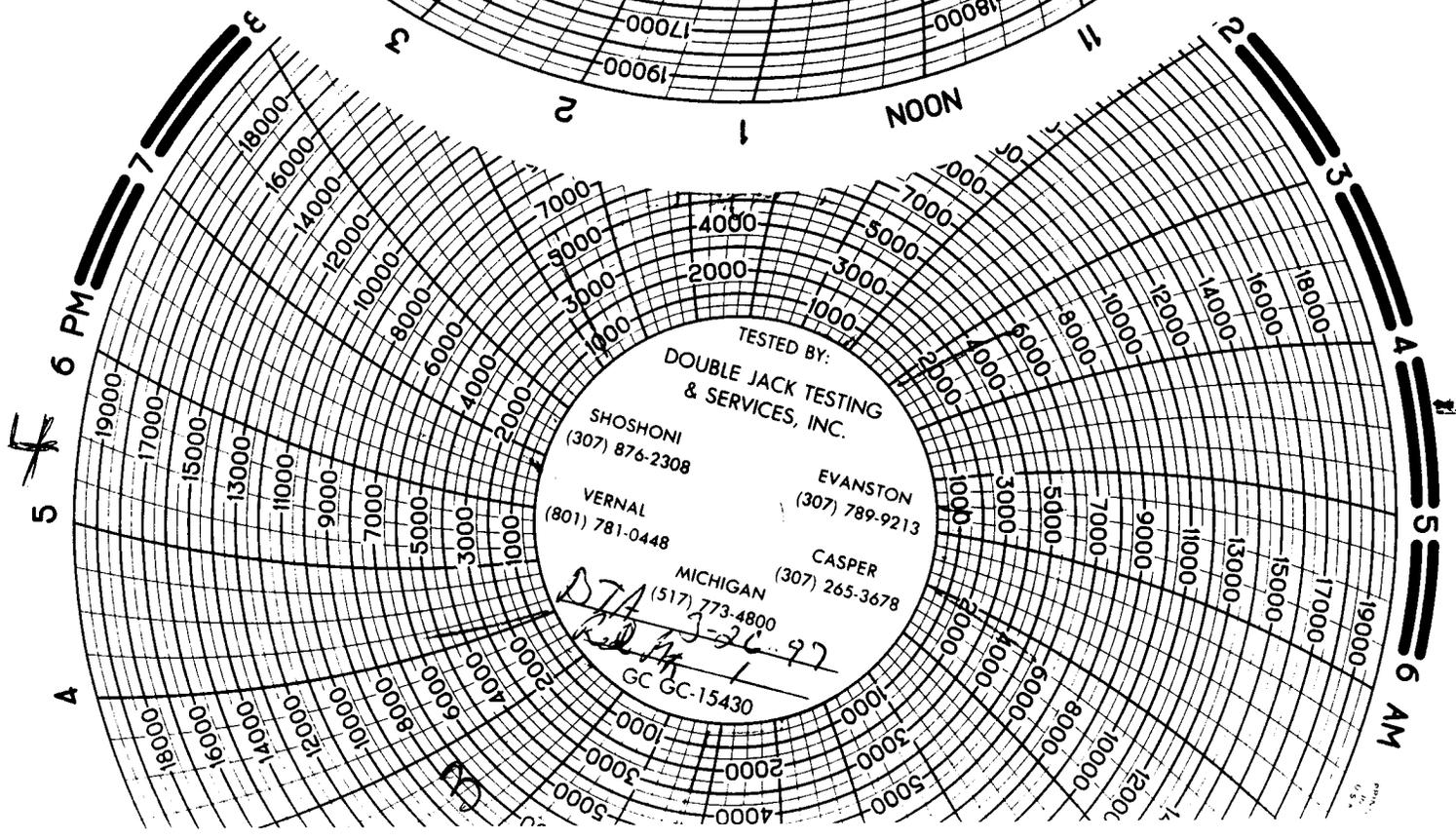
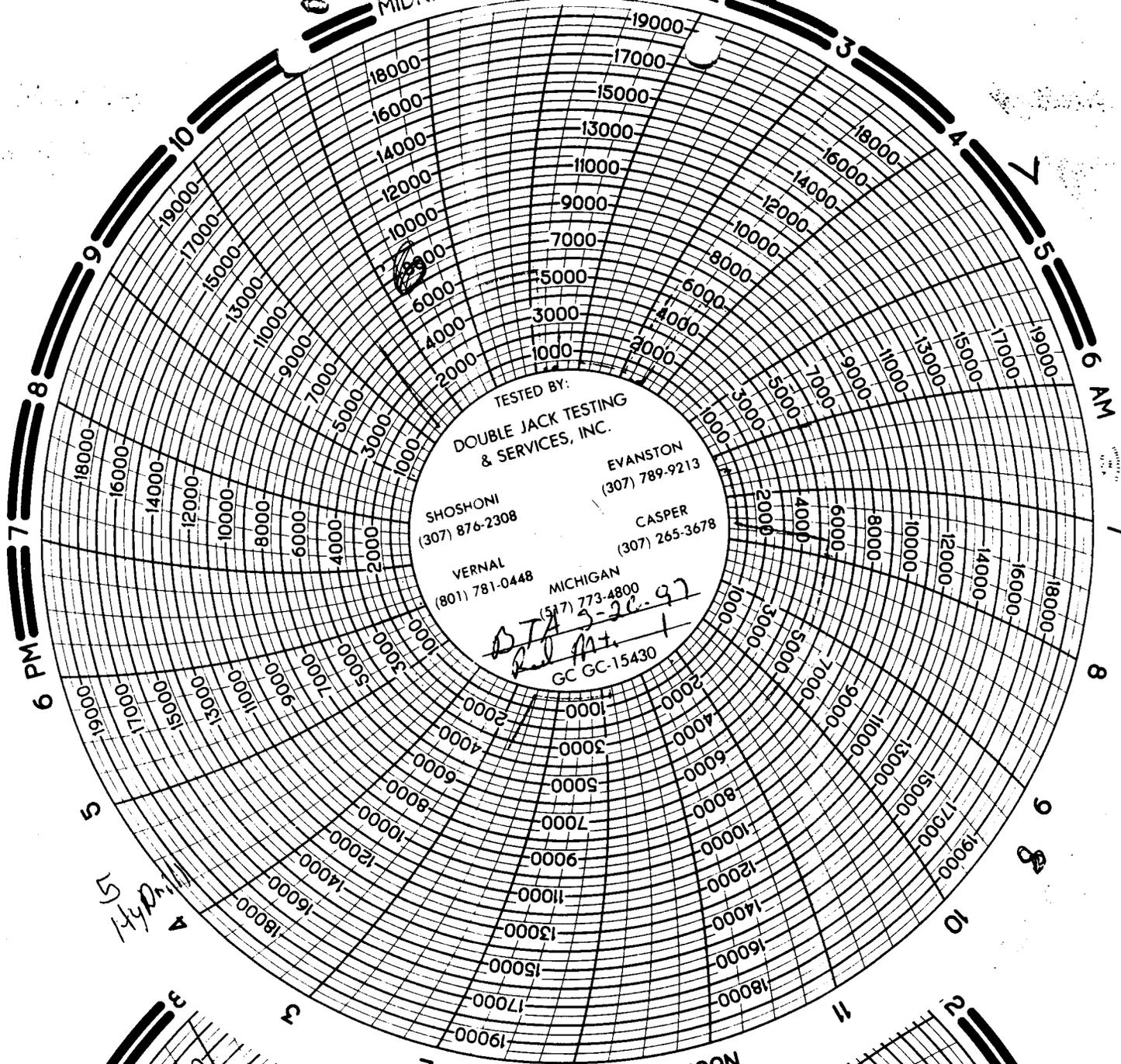
WELL Red Mountain

<u>11:02</u>	TEST #1	<u>T/W valve 1st Kill</u>	<u>Outside Mr Pipe Ram B</u>
<u>11:45</u>	TEST #2	<u>Outside Manifold</u>	
<u>12:05</u>	TEST #3	<u>HCR 2nd Kill</u>	
<u>12:35</u>	TEST #4	<u>Dart valve, check valve 1st choke</u>	<u>Top R.P. Ram</u>
<u>12:55</u>	TEST #5	<u>Top Hy Drill</u>	
<u>1:28</u>	TEST #6	<u>Blind Rams</u>	<u>Support choke</u>
<u>3:15</u>	TEST #7	<u>Lower Kelly</u>	
<u>3:35</u>	TEST #8	<u>Upper Kelly</u>	
	TEST #9		
	TEST #10		
	TEST #11		
	TEST #12		



ACCUMULATOR TEST

(Handwritten mark)



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

1. Type of Well
 OIL GAS
 WELL WELL Other

2. Name of Operator
BTA OIL PRODUCERS

3. Address and Telephone No.
104 S. PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1896' FNL & 1284FWL
 SEC 22. T3N, R14E SW/NW**

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UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
BRIDGER LAKE UNIT

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TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Change of Plans TD*
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
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	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut-Off
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4/4/97: Depth 13094', Drl'd 8-1/2" hole. POH for new bit, Reaming out of gauge hole @ 13040'.

4/5/97: Mud motor failed while reaming to bottom.

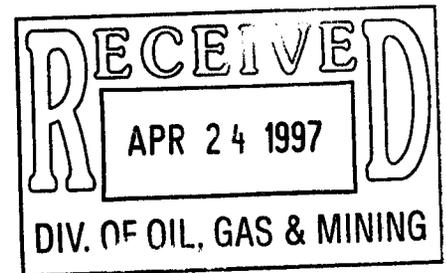
4/11/97: Depth 15270', Drlg 8-1/2" hole in shale, POH & changed BHA.

4/18/97: Depth 15954', GIH to cut core #1.

4/19/97: Depth 15991', POH w/core #1; 15954-15991 (37').

4/20/97: Depth 16162', WIH & reamed core hole, Drlg in clay, sd & shale w/motor.

***Amended proposed - TD 16500'.**



Signature: *Dorothy Houston* Title: REGULATORY ADMINISTRATOR Date: April 21, 1997

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any: _____

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WELL WELL Other

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BTA OIL PRODUCERS

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11. County or Parish, State
SUMMIT CO., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Change of Plans *
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other _____ <input type="checkbox"/> Dispose Water

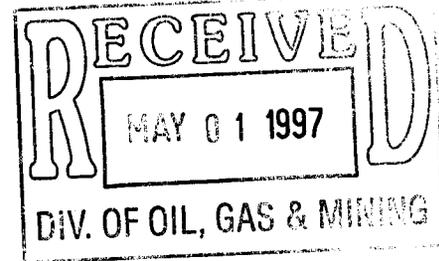
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, 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.)*

4/23/97: TD 16,282, Reamed to bottom. POH 6to log.

4/24/97: Ran open hole logs.

4/26/97: TD 16,318, Circ & wait on 7" csg liner.



*** 7" 29# P110/S95 LTC liner cmt'd - 10600-16, 318 as production liner.**

Signature: *[Signature]* Title: REGULATORY ADMINISTRATOR Date: April 28, 1997

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL WELL Other		5. Lease Designation and Serial No. UT 013148
2. Name of Operator BTA OIL PRODUCERS		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 104 S. PECOS, MIDLAND, TX 79701 915/682-3753		7. If Unit or CA, Agreement Designation BRIDGER LAKE UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1896' FNL & 1284FWL SEC 22. T3N, R14E SW/NW SUMMIT CO., UT		8. Well Name and No. #1, RED MOUNTAIN, 9220 JV-P GAPI Well No. 43-043-30313
		10. Field and Pool, or Exploratory Area BRIDGER LAKE
		11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Liner</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, 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.)*

4/30/97: TD 16,318, RU & ran 127 jts 7" 29# P110, (S95 collapse rating) LTC, WIH w/liner on DP.

5/01/97: 7" liner cmtd @ 10526' - 16314' w/2700 sx, POH w/setting tool, WOC.

5/02/97: Tstd csg to 3000 psi - ok, Circ & dewater mud, working & reaming @ 10390'.

5/03/97: Cleaned out to top of 7" liner @ 10526', Circ, Tstd liner top, pmpd in 3.3 BPM @ 3300 psi, WIH & set pkr @ 10317', Tstd liner top - pmpd 2.5 BPM @ 3500 psi, Sqzd w/200 sx to standing press of 3270 psi.

5/05/97: Drld cmt 10,387' to top of 7" liner @ 10526', Circ, Tstd liner top to 3600 psi - ok.

5/09/97: ND BOP's, Install flange & valve on "AP" spool, clean pits, released rig @ 6:00 p.m., Rigging down to move.

Signature: Title: **REGULATORY ADMINISTRATOR** Date: **May 12, 1997**

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UT 013148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Bridger Lake Unit

8. FARM OR LEASE NAME, WELL NO.

#1, Red Mountain, 9220

9. API WELL NO.

43-043-30313

10. FIELD AND POOL, OR WILDCAT

Bridger Lake

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T3N, R14E

12. COUNTY OR PARISH

Summit

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

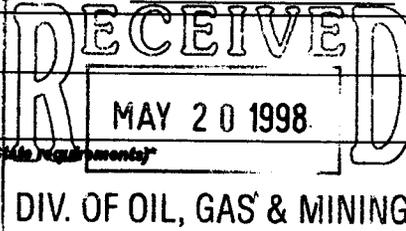
1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [X] Other []

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR [] Other []

2. NAME OF OPERATOR BTA OIL PRODUCERS

3. ADDRESS AND TELEPHONE NO. 104 South Pecos, Midland, TX 79701 915/682-3753

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1896' FNL & 1284' FWL At top prod. interval reported below SW/NW



14. PERMIT NO. DATE ISSUED 11/06/96

15. DATE SPUNDED 02/01/97 16. DATE T.D. REACHED 04/26/97 17. DATE COMPL. (Ready to prod.) 6.23.97 18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 9477' GR 9509' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,318 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)? 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS; CNL-D; AI W/LC-GR; Microlog 27. WAS WELL CORED Yes

CASING RECORD (Report all strings set in well)

Table with 6 columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8 K55 and 9-5/8 P110.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Rows include 7" size.

Table with 2 columns: PERFORATION RECORD (Interval, size and number) and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes data for 16,166' - 16190' w/ 4 JS/F and 16,166 - 16,190' interval.

33. * PRODUCTION

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

DATE OF TEST 6.23.97 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 2 Sets of all Logs- BLM (1 set to State) 3160-5 T&A Status; Core Analysis

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

SIGNED [Signature] TITLE Regulatory Administrator DATE 05/11/98

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents, roof, 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.
Dakota	15,954'	15,992	(See Attached Core Analysis) No DST's were run.

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
			Fort Union	8.972	
			Mesa Verde	11,378	
			Hilliard	13,290	
			Frontier	15,340	
			Mowry	15,543	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 South Pecos, Midland, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1896' FNL & 1284' FWL; Sec. 22, T3N, R14E SWNW

5. Lease Designation and Serial No.

UT013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Bridger Lake Unit

8. Well Name and No.

#1, Red Mountain, 9220 JV-P

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

Bridger Lake

11. County or Parish, State

Summit Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

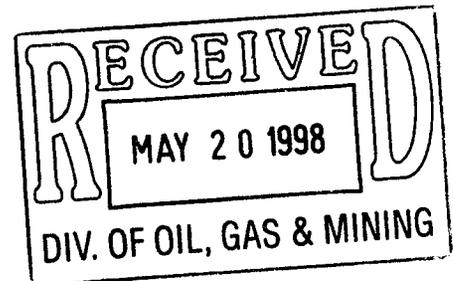
TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Temporary Abandonment
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. 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.)

BTA Oil Producers hereby requests Temporary Abandonment Status for this well.



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

Signed *Robert Houghton* Title Regulatory Administrator Date 05/11/98

(This space for Federal or State office use)

Approved by **Accepted by the** Title _____ Date _____
Conditions of approval, if any: **Utah Division of**

Oil, Gas and Mining

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations.

FOR RECORD ONLY

*See Instruction on Reverse Side

***Routine Core Analysis
Red Mountain No. 1
Summit County, Utah***

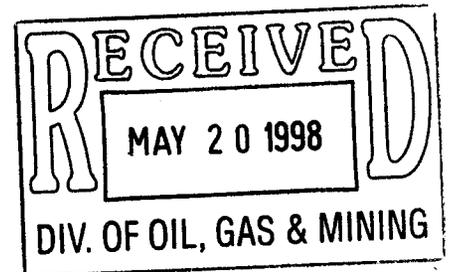
1896 FNL 12845WL

43 043 30313
03N 14E 22
SWNW DRL

Prepared for:

**BTA Oil Producers
555 17th Street
Denver, Colorado 80202**

Attn: Mr. Rich Gaber



**TR97-6326
May 1997**

TerraTek

TerraTek, Inc.
University Research Park
400 Wakara Way
Salt Lake City, Utah 84108 U.S.A.

***Routine Core Analysis
Red Mountain No. 1
Summit County, Utah***

Prepared for:

**BTA Oil Producers
555 17th Street
Denver, Colorado 80202**

Attn: Mr. Rich Gaber

Prepared by:

**TerraTek, Inc.
University Research Park
420 Wakara Way
Salt Lake City, Utah 84108**

**TR97-6326
May 1997**

1 PROJECT SUMMARY

1.1 Well Summary

Company: BTA Oil Producers State : Utah
Well Name: Red Mountain No. 1 County: Summit
Field: Bridger Lake Location: Sec. 22 T2N, R14E
Drilling Fluid: Water Base Elevation: Unknown

1.2 Core Summary

Diamond coring equipment and water base drilling fluid were used in the Red Mountain #1 well, located in Summit County, Utah, to obtain a four-inch diameter core. The formation and interval cored are listed below in Table 1.

Table 1. Core Interval Summary

Core Number	Depth Interval	Formation
1	15,954.0' - 15,991.8'	Dakota

A representative of TerraTek, Inc. was at wellsite to retrieve the core and prepare it for transport to the TerraTek laboratory in Salt Lake City, Utah for analysis. Residual core fluids were preserved by wrapping the core with multiple layers of plastic wrap.

1.3 Summary of Analyses

The following routine core analysis tests were performed as requested on core material obtained from the Red Mountain #1 well: component gamma log over the entire cored interval, and permeability, porosity and fluid saturation determination on samples prepared from the core.

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420 Wakara Way • Salt Lake City, Utah 84108
Telephone (801) 584-2400
FAX (801) 584-2406

Testing was performed on 38 horizontal plug samples. Analytical procedures and test results are provided in Section 2 of this report.

1.4 Distribution of Final Reports

Copies of this final report were distributed as outlined in Table 2.

Table 2. Distribution of Final Reports

Number of Copies	Company Name	Recipient
2	BTA Oil Producers 104 South Pecos Midland, Texas 79701	
2	BTA Oil Producers 555 17th Street Denver, Colorado 80202	Attn: B. J. Beal
1	NGC Energy Resources, Limited Partnership 13430 NW Freeway, Suite 1200 Houston, Texas 77040-6095	
2	Petroro Corporation P. O. Box 5083 Denver, Colorado 80217	
1	Prima Exploration, Inc. 7800 E. Union Avenue, Suite 605 Denver, Colorado 80237	

2 ROUTINE CORE ANALYSIS

2.1 Introduction

A core gamma log was recorded and routine core analysis tests were performed on core material obtained from the Red Mountain #1 well. Routine core analysis tests were performed to determine porosity, grain density, saturation of oil and water, and permeability to nitrogen gas. Tests were

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performed on 38 one-inch diameter horizontal plug samples obtained from each foot throughout the core.

2.2 Analytical Procedures

Upon arrival in the laboratory, the core was removed from the boxes and preservation material, pieced together on a core rack, and a core gamma log was recorded for down-hole log correlation. The horizontal plug samples were drilled from the core using a diamond-impregnated coring bit and fresh water as coolant.

Fluid saturations were determined for samples #22 and 26 by means of the solvent distillation (Dean-Stark) extraction technique, with toluene as the extracting solvent. Because the remaining samples contained no hydrocarbons, as determined by the lack of fluorescence under an ultraviolet light source, fluid saturations were determined by weight loss after drying in a forced-air convection oven at 110° C. Porosity and permeability tests were performed on dry samples.

Porosity values were determined by measuring grain volumes and bulk volumes. Grain volumes were measured in a helium expansion porosimeter using Boyle's law. Bulk volumes were measured by buoyant weight in an appropriate fluid of known density, using Archimedes' principle of buoyancy. Grain volume and dry weight values were used to determine grain density for each sample.

Single-point, steady-state permeability to nitrogen gas was measured in a pressurized Hassler sleeve core holder. Nominal sleeve pressure of 400 psi was applied to prevent gas leakage around the outside of the sample being tested. Downstream flow rate was monitored using a calibrated orifice-equipped pressure transducer. Flow rates were kept to a maximum of 1 cm³/sec to avoid turbulence. A form of Darcy's equation was employed to calculate absolute gas permeability values, which were not corrected for slippage or turbulence.

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2.3 Results

Results of the tests described above are provided on the following pages in graphical and tabular forms. Plots of the gamma ray activities of potassium, uranium, and thorium, as well as the total gamma ray activity, appear separately on the enclosed Component Gamma Log. A plot of the total gamma ray activity also appears on the enclosed Teklog™ plot, along with plots of grain density, permeability, porosity, and fluid saturations. Table 3 shows results of the tests performed and a brief lithologic description of each sample. A key to the lithologic abbreviations is provided. A statistical summary page, a permeability versus porosity crossplot, frequency distribution tables, and histogram plots are also provided.

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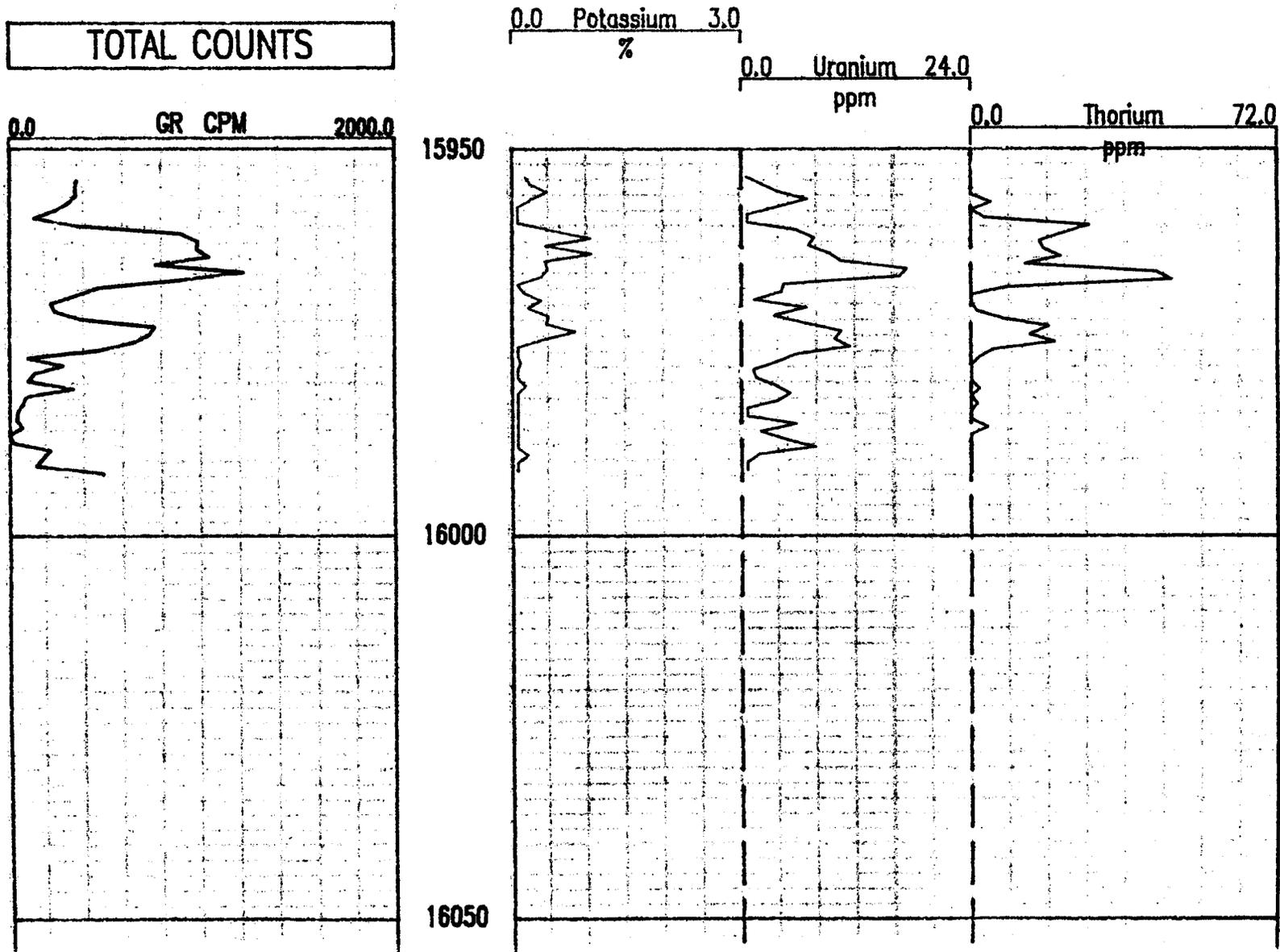
TerraTek, Inc.

420 Wakara Way, SLC, Utah 84108 (801) 584-2480

BTA Oil Producers
Red Mountain #1

Apr. 20, 1997
TerraTek No. 6326

COMPONENT GAMMA LOG



TERRA TEK GEOSCIENCE SERVICES

360 Wakara Way, SLC Utah 84108 (801) 584-2480

BTA OIL PRODUCERS
Red Mountain #1

MAY 5, 1997
TerraTek No.6326

TEKLOG

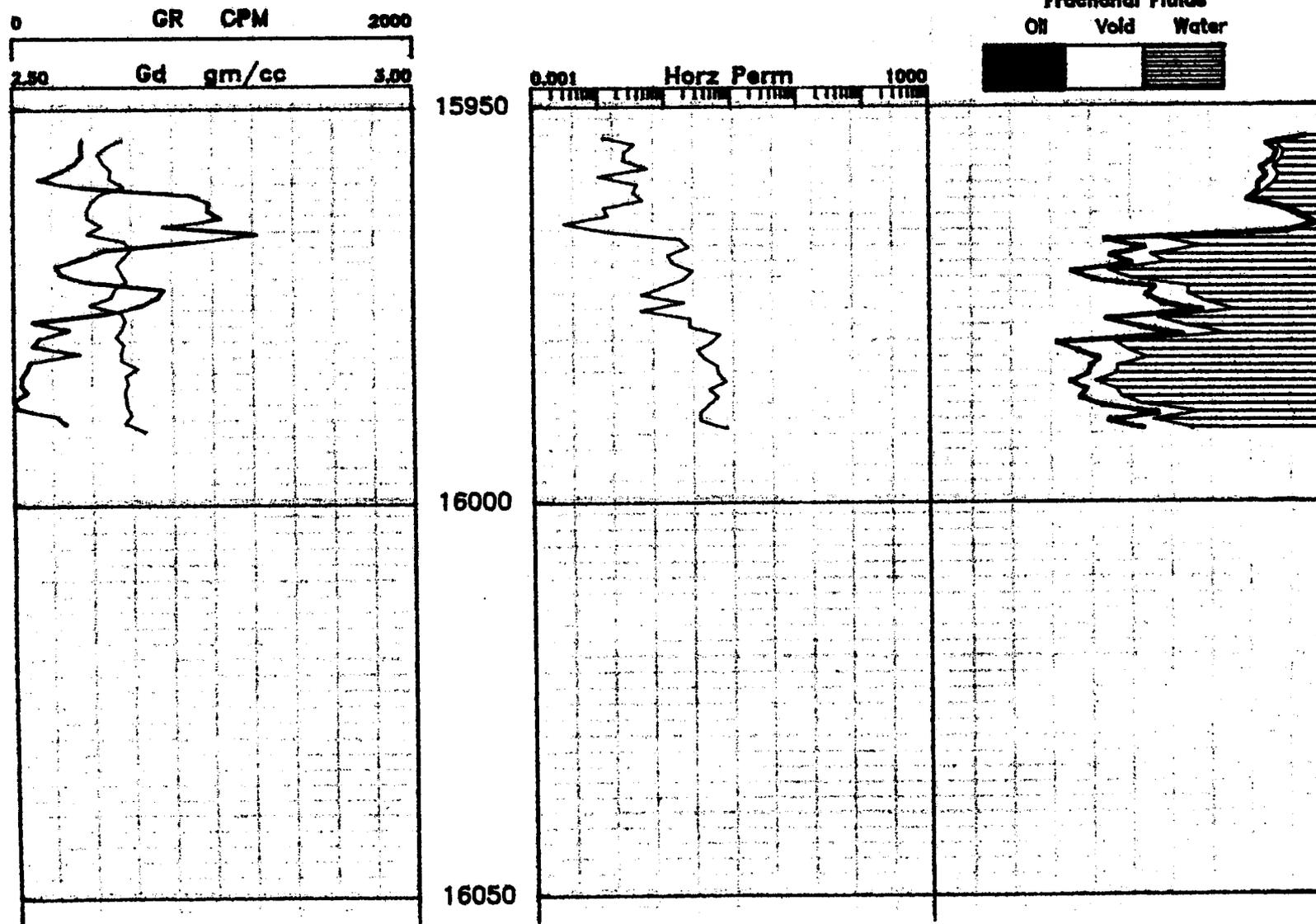


Table 3. Full Diameter Dean-Stark Analysis Results

Sample Number	Depth (feet)	Permeability		Porosity (%)	Saturation		Grain Density (g/cm ³)	Lithology
		Kh (md)	Kv (md)		Oil (%)	Water (%)		
1	15,954.0 - 15,955.0	0.01	NA *	1.3	0.0	89.1	2.64	Ss,gy,vfgr,sil,bur
2	15,955.0 - 15,956.0	0.04	NA *	3.7	0.0	84.6	2.62	Ss,gy,vf-fgr,sil,bur,clst
3	15,956.0 - 15,957.0	0.03	NA *	3.1	0.0	86.5	2.61	Ss,gy,vf-fgr,sil,bur,clst
4	15,957.0 - 15,958.0	0.02	NA *	3.3	0.0	85.1	2.61	Ss,gy,vf-fgr,sil,clst
5	15,958.0 - 15,959.0	0.06	NA *	4.1	0.0	81.2	2.62	Ss,gy,fgr,sil
6	15,959.0 - 15,960.0	0.01	NA *	3.7	0.0	79.3	2.62	Ss,gy,vf-fgr,sil,bdd
7	15,960.0 - 15,961.0	0.04	NA *	4.3	0.0	77.2	2.64	Ss,gy,vf-fgr,sil,clst
8	15,961.0 - 15,962.0	0.03	NA *	4.3	0.0	92.1	2.61	Ss,mgy,vfgr,slty,clst,styl
9	15,962.0 - 15,963.0	0.05	NA *	5.0	0.0	92.3	2.60	Ss,mgy,vfgr,sil,slty,clst
10	15,963.0 - 15,964.0	0.01	NA *	2.8	0.0	89.5	2.59	Ss,mgy,vfgr,sil,slty,clst
11	15,964.0 - 15,965.0	0.01	NA *	1.8	0.0	84.0	2.59	Ss,mgy,vfgr,sil
12	15,965.0 - 15,966.0	<0.01	NA *	0.7	0.0	96.2	2.61	Ss,mgy,vfgr,sil
13	15,966.0 - 15,967.0	0.01	NA *	2.3	0.0	86.7	2.59	Ss,mgy,vfgr,sil
14	15,967.0 - 15,968.0	0.17	NA *	13.9	0.0	74.3	2.64	Ss,gy,fgr,sil
15	15,968.0 - 15,969.0	0.23	NA *	11.4	0.0	69.6	2.65	Ss,gy,fgr,sil,pyr
16	15,969.0 - 15,970.0	0.11	NA *	13.6	0.0	81.6	2.64	Ss,gy,fgr,sil
17	15,970.0 - 15,971.0	0.13	NA *	12.3	0.0	82.6	2.63	Ss,gy,f-mgr,sil,bdd
18	15,971.0 - 15,972.0	0.26	NA *	16.1	0.0	85.8	2.64	Ss,gy,vfgr,sil,lig
19	15,972.0 - 15,973.0	0.20	NA *	14.8	0.0	83.3	2.64	Ss,gy,vf-mgr,sil

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Sample Number	Depth (feet)	Permeability		Porosity (%)	Saturation		Grain Density (g/cm ³)	Lithology
		Kh (md)	Kv (md)		Oil (%)	Water (%)		
20	15,973.0 - 15,974.0	0.09	NA *	10.8	0.0	81.0	2.63	Ss,gy,vf-fgr,sil,slty,clst
21	15,974.0 - 15,975.0	0.05	NA *	11.3	0.0	77.3	2.62	Ss,gy,vf-fgr,sil,slty,clst
22	15,975.0 - 15,976.0	0.19	NA *	10.5	1.4	72.3	2.60	Ss,gy,vf-mgr,sil,slty,clst,lig
23	15,976.0 - 15,977.0	0.04	NA *	7.8	0.0	73.9	2.64	Ss,ltgy,vf-mgr,sil
24	15,977.0 - 15,978.0	0.24	NA *	13.9	0.0	77.0	2.64	Ss,ltgy,f-mgr,sil
25	15,978.0 - 15,979.0	0.24	NA *	11.8	0.0	74.4	2.64	Ss,ltgy,f-mgr,sil,bdd
26	15,979.0 - 15,980.0	0.67	NA *	9.3	2.6	67.8	2.63	Ss,ltgy,vf-mgr,sil,frac,lig
27	15,980.0 - 15,981.0	0.84	NA *	17.0	0.0	78.9	2.64	Ss,ltgy,f-mgr,sil,fri
28	15,981.0 - 15,982.0	0.31	NA *	15.7	0.0	80.0	2.64	Ss,ltgy,f-mgr,sil,fri
29	15,982.0 - 15,983.0	0.39	NA *	14.3	0.0	79.0	2.64	Ss,ltgy,mgr,sil,fri
30	15,983.0 - 15,984.0	0.61	NA *	14.8	0.0	88.8	2.66	Ss,ltgy,mgr,sil,fri,pyr
31	15,984.0 - 15,985.0	0.63	NA *	15.0	0.0	88.1	2.64	Ss,ltgy,mgr,sil,fri
32	15,985.0 - 15,986.0	0.83	NA *	16.2	0.0	90.3	2.65	Ss,ltgy,mgr,sil,fri,cly nods
33	15,986.0 - 15,987.0	0.46	NA *	15.1	0.0	87.7	2.64	Ss,ltgy,mgr,sil,fri
34	15,987.0 - 15,988.0	0.61	NA *	15.5	0.0	83.3	2.64	Ss,ltgy,mgr,sil,fri
35	15,988.0 - 15,989.0	0.45	NA *	14.2	0.0	81.7	2.64	Ss,ltgy,m-cgr,sil,fri,cly,nod,styl,pyr
36	15,989.0 - 15,990.0	0.34	NA *	10.6	0.0	76.5	2.65	Ss,ltgy,m-cgr,sil,fri,cly,pyr
37	15,990.0 - 15,991.0	0.34	NA *	13.7	0.0	79.6	2.64	Ss,ltgy,m-cgr,sil,fri,bdd
38	15,991.0 - 15,992.0	0.84	NA *	11.6	0.0	73.4	2.66	Ss,ltgy,m-cgr,sil,fri,lig,pyr

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Description Scheme for Carbonate Sedimentary Rocks:

Rock Type, Color, Grain Size or Crystal Size, Porosity Type, Accessories

Description Scheme for Clastic Sedimentary Rocks:

Rock Type, Color, Grain Size, Cement, Structures and Accessories

Key to Abbreviations:

aff	- anhydrite filled fracture	fri	- friable	pk	- pink
alt	- altered	gff	- gouge filled fracture	pof	- partially open fracture
anhy	- anhydrite(ic)	glauc	- glauconitic	ppvgs	- pinpoint vugs
arg	- argillaceous	gn	- green	ptg	- parting(s)
bdd	- bedded	gr	- grain(ed)	purp	- purple
bent	- bentonite	grnl	- granule	pyr	- pyrite(ic)
bf	- buff	gy	- gray	qff	- quartz filled fracture
biot	- bioturbated	gyp	- gypsum(iferous)	qtz	- quartz
bit	- bitumen	gypff	- gypsum filled fracture	red	- red
bl	- blue(ish)	hem	- hematite(ic)	sa	- salty
blk	- black	if	- incipient fracture	sdv	- sandy
bnd	- banded	incl	- inclusion	sh	- shale
brec	- breccia(ted)	intprt	- interparticle	shy	- shaley
brn	- brown	intrprt	- intraparticle	sid	- siderite
bur	- burrowed	intxl	- intercrystalline	sil	- silica(eous)
c	- coarse	lam	- laminated	sl/	- slightly
calc	- calcite(areous)	lav	- lavender	sltst	- siltstone
carb	- carbonaceous	lig	- lignite(ic)	slty	- silty
cff	- calcite filled fracture	ls	- limestone	ss	- sandstone
cgl	- conglomerate	lt	- light	stn	- stain(ed)(ing)
chky	- chalky	m	- medium	str	- streak
chlor	- chlorite	mar	- maroon	styl	- stylolite
cht	- chert	mas	- massive	suc	- sucrosic
chty	- cherty	mdy	- muddy	tan	- tan
clst	- clast	mic	- micro	v/	- very
cly	- clay(ey)	mica	- micaceous	vc	- very coarse
clyst	- claystone	mol	- moldic	vf	- very fine
cob	- cobble	ms	- mudstone	vgy	- vuggy
dism	- disseminated	mtx	- matrix	wh	- white
dk	- dark	nod	- nodule(s)	wthrd	- weathered
dff	- dolomite filled fracture	o	- oil	wvy	- wavy
dol	- dolomite(ic)	of	- open fracture	yel	- yellow
f	- fine	ool	- oolitic	xl	- crystalline
fen	- fenestral	org	- organic		
fis	- fissile	ornng	- orange		
fos	- fossil(iferous)	pbl	- pebble		
frac	- fracture	pel	- peloids		
		pff	- pyrite filled fracture		
		pis	- pisolitic		

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FAX (801) 584-2406

Table 4. Core Analysis Data Summary - Plug Dean-Stark Analysis

Horizontal Permeability (Kh)	
Number of Samples	38
Minimum Permeability	0.003 md
Maximum Permeability	0.837 md
Arithmetic Average	0.243 md
Geometric Average	0.111 md
Median	0.183 md
Standard Deviation	±0.247 md

Oil Saturation	
Number of Samples	38
Minimum Oil Saturation	0.0 %
Maximum Oil Saturation	2.6 %
Arithmetic Average	0.1 %
Median	0.0 %
Standard Deviation	±0.5 %

Porosity	
Number of Samples	38
Minimum Porosity	0.7 %
Maximum Porosity	17.0 %
Arithmetic Average	9.8 %
Median	11.4 %
Standard Deviation	±5.3 %

Grain Density	
Number of Samples	38
Minimum Grain Density	2.59 g/cm ³
Maximum Grain Density	2.66 g/cm ³
Arithmetic Average	2.63 g/cm ³
Median	2.64 g/cm ³
Standard Deviation	±0.02 g/cm ³

Water Saturation	
Number of Samples	38
Minimum Water Saturation	67.8 %
Maximum Water Saturation	96.2 %
Arithmetic Average	81.9 %
Median	81.6 %
Standard Deviation	±6.6 %

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Depth Interval: 15,954 to 15,992 feet		
Number of Samples Plotted = 38 (fractured samples not plotted)		
Plotted Porosity Values (ϕ), %		
<u>Minimum</u>	<u>Maximum</u>	<u>Average</u>
0.7	17.0	10.0
Plotted Permeability Values (Kh), md		
<u>Minimum</u>	<u>Maximum</u>	<u>Geo. Average</u>
0.003	0.837	0.111
Equation of the Line		
$\log Kh = 0.1024 \times \phi - 1.9778$		
Correlation Coefficient: 0.81502		

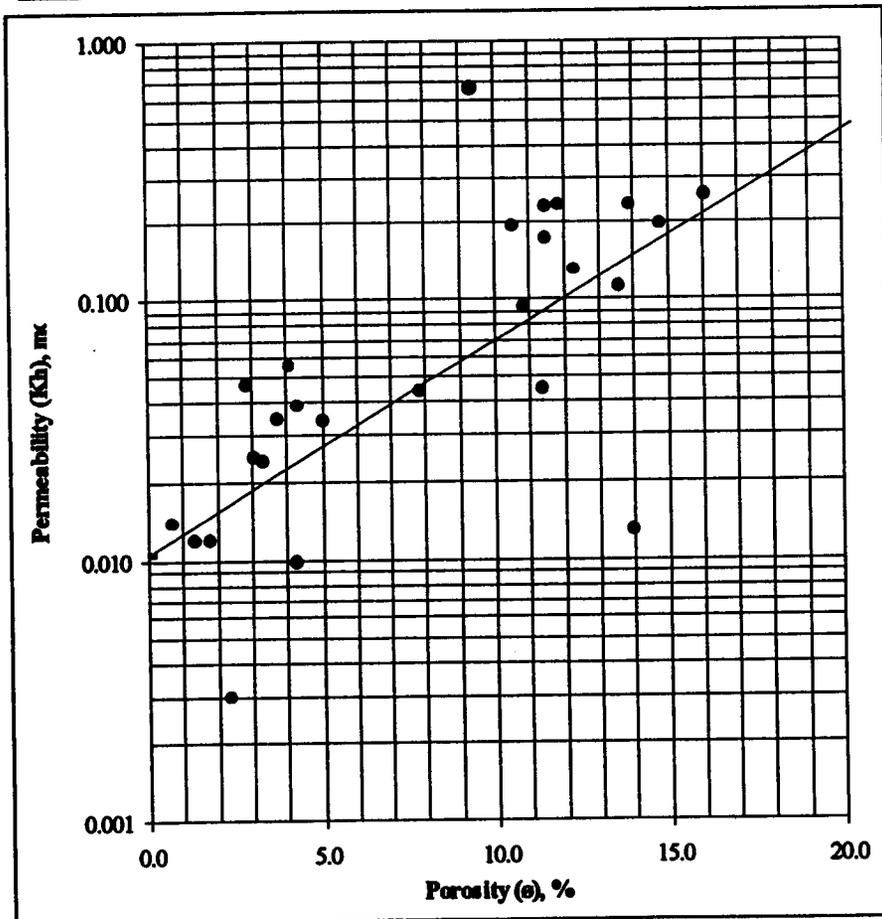


Figure 1. Permeability versus Porosity Crossplot

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Table 5. Horizontal Permeability Frequency Distribution

Permeability (md)	Frequency	Cumulative Percent
0.020	6	15.8%
0.030	2	21.1%
0.040	3	28.9%
0.050	3	36.8%
0.060	1	39.5%
0.100	1	42.1%
0.200	5	55.3%
0.300	4	65.8%
0.400	4	76.3%
0.500	3	84.2%
0.600	0	84.2%
0.700	4	94.7%
0.900	2	100.0%
More	0	100.0%
Number of Samples	38	

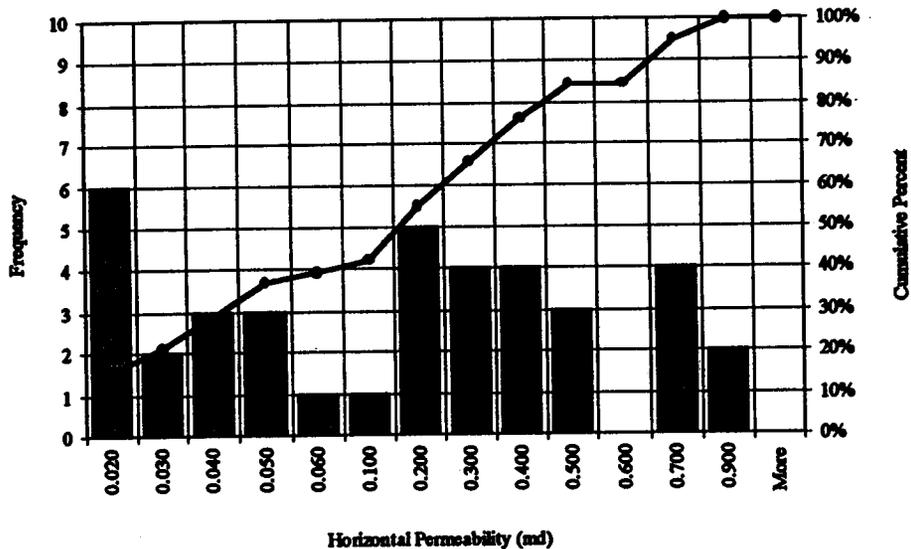


Figure 2. Horizontal Permeability Histogram

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Table 6. Porosity Frequency Distribution

Porosity (%)	Frequency	Cumulative Percent
4.0	9	23.7%
6.0	4	34.2%
7.0	0	34.2%
8.0	1	36.8%
9.0	0	36.8%
10.0	1	39.5%
11.0	3	47.4%
12.0	4	57.9%
13.0	1	60.5%
14.0	4	71.1%
15.0	4	81.6%
16.0	4	92.1%
17.0	3	100.0%
More	0	100.0%
Number of Samples	38	

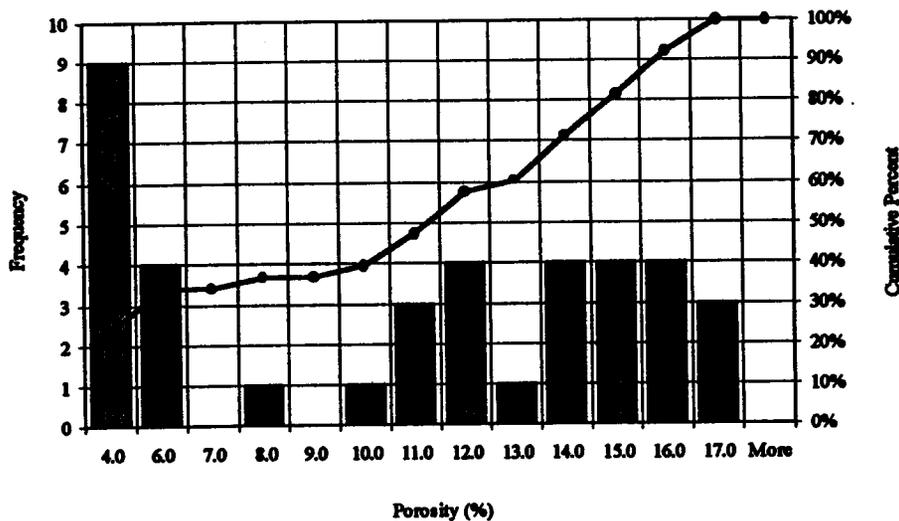


Figure 3. Porosity Histogram

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 Telephone (801) 584-2400
 FAX (801) 584-2406

Table 7. Water Saturation Frequency Distribution

Water Saturation (%)	Frequency	Cumulative Percent
52	0	0.0%
55	0	0.0%
58	0	0.0%
61	0	0.0%
64	0	0.0%
67	0	0.0%
70	2	5.3%
73	1	7.9%
76	4	18.4%
79	5	31.6%
82	8	52.6%
85	5	65.8%
88	5	78.9%
More	8	100.0%
Number of Samples	38	

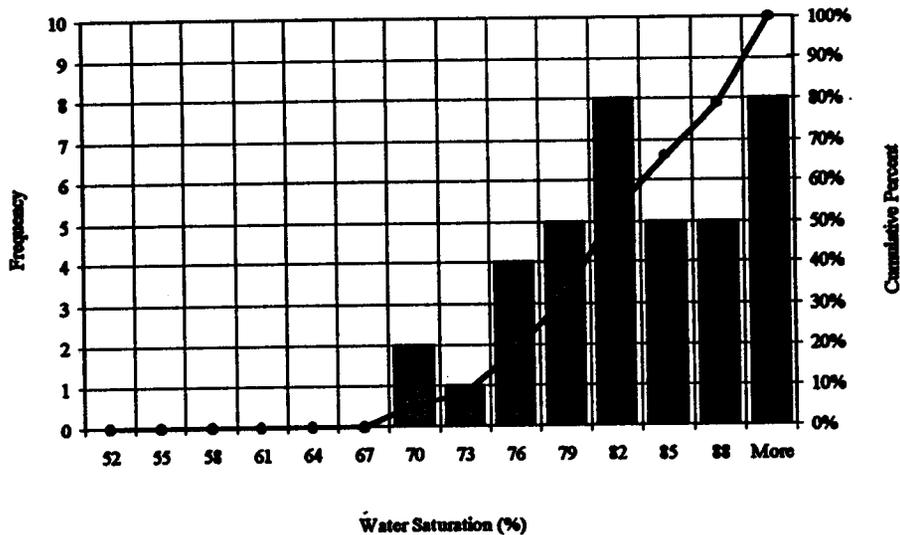


Figure 4. Water Saturation Histogram

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 FAX (801) 584-2406

Table 8. Grain Density Frequency Distribution

Grain Density (g/cm ³)	Frequency	Cumulative Percent
2.620	10	26.3%
2.625	3	34.2%
2.630	2	39.5%
2.635	1	42.1%
2.640	9	65.8%
2.645	9	89.5%
2.650	2	94.7%
2.655	0	94.7%
2.660	1	97.4%
2.665	1	100.0%
2.670	0	100.0%
2.675	0	100.0%
2.680	0	100.0%
More	0	100.0%
Number of Samples	38	

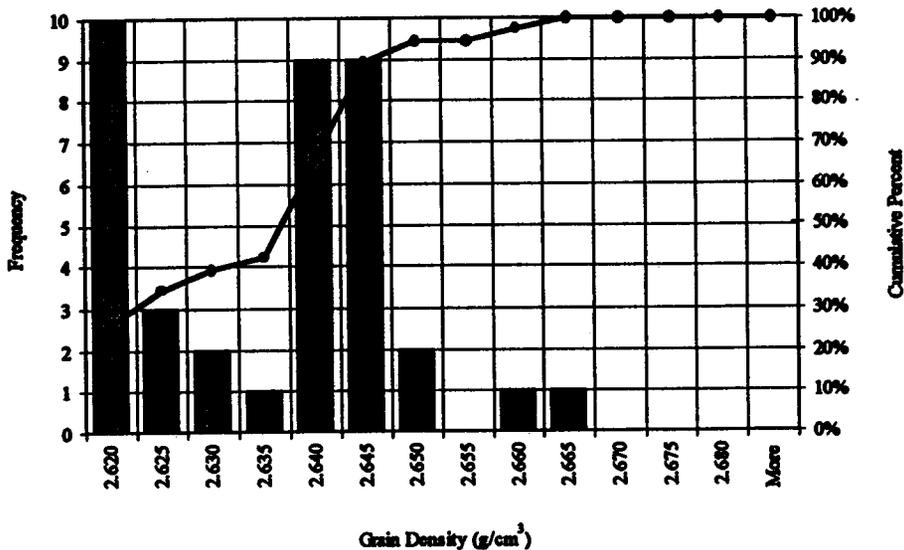


Figure 5. Grain Density Histogram

TerraTek

University Research Park
 420 Wakara Way • Salt Lake City, Utah 84108
 Telephone (801) 584-2400
 FAX (801) 584-2406

**BTA OIL PRODUCERS
104 SOUTH PECOS
MIDLAND, TEXAS 79701**

Telephone: (915) 682-3753

Facsimile (915) 683-0325

Facsimile Cover Sheet

Date: 7-20-98

Deliver To: Kristen

Company UT - DONR - DOXGM

From: Dorothy Neugler

Number of Pages (Including Cover Page) 2

Comments: Let me know what else
you need

Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

AMENDED

5. LEASE DESIGNATION AND SERIAL NO. UT 013148
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Bridger Lake Unit
8. FARM OR LEASE NAME, WELL NO. #1, Red Mountain, 9220
9. API WELL NO. 43-043-30313
10. FIELD AND POOL, OR WILDCAT Bridger Lake
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T3N, R14E

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 BTA OIL PRODUCERS

3. ADDRESS AND TELEPHONE NO. 104 South Pecos, Midland, TX 79701 015/682-3753

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1898' FNL & 1284' FWL SWNW At top prod. interval reported below At total depth

14. PERMIT NO. DATE ISSUED 11/08/96 12. COUNTY OR PARISH Summitt 13. STATE UT

15. DATE SPUDDED 02/01/97 16. DATE T.D. REACHED 04/28/97 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 9477' GR 9509' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,318 21. PLUG, BACK T.D., MD & TVD 16,200 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 16,318 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS; CNL-D; AI w/LC-GR; Microlog 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well) Table with columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD) 30. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 16,166' - 16190' w/ 4 JS/F 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD (Coil tubing), WELL STATUS (Shut in), DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N FOR TEST PERIOD, OIL-BBL, GAS-MCF, WATER-BBL, GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Larry Dokken

35. LIST OF ATTACHMENTS 2 Sets of all Logs- BLM (1 set to State) 3160-5 T&A Status; Core Analysis

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Regulatory Administrator DATE 06/17/98

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Amended

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	5. Lease Designation and Serial No. UT013148
2. Name of Operator BTA OIL PRODUCERS	6. If Indian, Alutka or Tribe Name
3. Address and Telephone No. 104 South Pecos, Midland, TX 79701 915/682-3753	7. If Unit or CA, Agreement Designation Bridger Lake Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1896' FNL & 1284' FWL; Sec. 22, T3N, R14E SW/NW	8. Well Name and No. #1, Red Mountain, 9220 JV-P
	9. API Well No. 43-043-30313
	10. Field and Pool, or Exploratory Area Bridger Lake
	11. County or Parish, State Summit Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Temporary Abandonment</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)

BTA Oil Producers hereby requests Temporary Abandonment Status for this well.

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

Signed *[Signature]* Title Regulatory Administrator Date 05/11/98

(This space for Federal or State Office Use)

Approved by *[Signature]* R. A. HENRICKS Title CHIEF, BRANCH OF FLUID MINERALS Date JUL 1 1998

Conditions of approval, if any:
ATTACHED.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

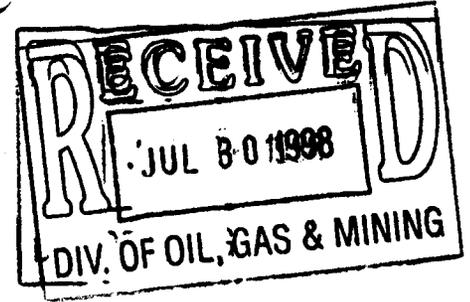
*See Instruction on Reverse Side



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

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

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



July 21, 1998

Ms. Dorothy Houghten
 BTA Oil Producers
 104 South Pecos
 Midland, Texas 79701

Re: #1 Red Mountain, 9220, API No. 43-043-30313
Submittal of Electric and Radioactivity Logs

Dear Ms. Houghten:

We have received the Microlog, Array Induction with Linear Correlation Gamma Ray and Borehole Compensated Sonic log for the above referenced well. The Well Completion Report indicates that a CN/L-D Log was also run. Please submit one copy of this log to our office as soon as possible.

If you have questions regarding this request, please contact me at (801) 538-5279.

Sincerely,

Vicky Dyson
 Production Group Supervisor

cc: Log File

Post-it® Fax Note	7671	Date	# of pages ▶
To: DOROTHY HOUGHTEN	From: VICKY DYSON	Co.:	D&M
Co./Dept: BTA OIL	Phone #:	801 538 5279	
Phone #:	Fax #:	801 359 3940	
Fax #:	915 683 0325		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals.

5. Lease Designation and Serial No.

UT 013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Bridger Lake Unit

8. Well Name and No.

#1 Red Mountain

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

Bridger Lake

11. County or Parish, State

Summit Co. Utah

1. Type of Well
 Oil Well Gas Well Other Well

2. Name of Operator
BTA Oil Producers

3. Address & Telephone No.
P.O. Box 1598, Williston, N. Dakota 58802-1598 (701-774-2014)

4. Location of Well (Footage, Sec. T., R., M., or Survey Description)
1896' FNL & 1284 FWL Sec. 22 T3N R14E

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Testing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Waster Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

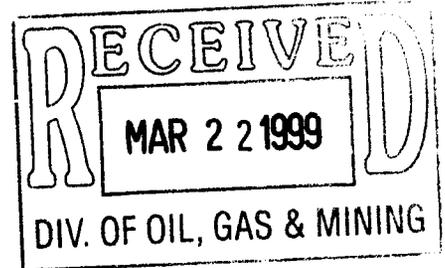
13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. BTA has been monitoring pressure on this well to determine status of well bore.
2. Well may be plugged this year up results of Shut in pressure tests.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 3-27-99
By: [Signature]

COPY SENT TO OPERATOR
Date: 3-25-99
initials: CHD



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

Signed **Larry Dokken**

Title **Production Foreman**

Date **3/17/99**

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator BTA OIL PRODUCERS	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 104 SOUTH PECOS, MIDLAND, TX 79701 915/682-3753	7. If Unit or CA, Agreement Designation 8910086770
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sections 14, 22, 23, 24, 25, & 35; T3N-R14E (See Attachment for details)	8. Well Name and No. Fork A Lease
	9. API Well No. See Attachment
	10. Field and Pool, or Exploratory Area Bridger Lake
	11. County or Parish, State Summit Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

Effective January 1, 1999, BTA OIL PRODUCERS has sold its interest of the referenced wells/ lease to Merit Energy Company. Operations transferred effective June 1, 1999. Bond coverage for lease activities is being provided by Merit Energy Co., under their Nationwide oil and gas Bond No. WY3011. Merit Energy Company will be responsible for compliance under the lease conditions for the portion of the lease associated with this notice.

From:
BTA OIL PRODUCERS
104 South Pecos
Midland, TX 79701
(915) 682-3753



To:
Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, TX 75251
(972) 701-8377

Signed: [Signature]
FRED N. D'EM
Title: V.P.

cc: Utah Division of Oil, Gas & Mining

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

Signed: [Signature] Title Regulatory Administrator Date 05/27/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

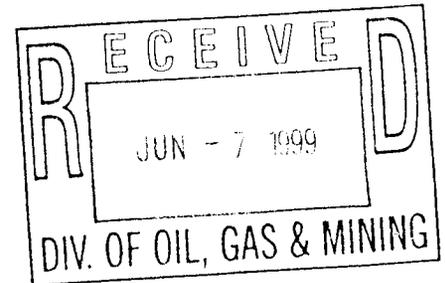
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Attachment to 3160-05 – Change of Operator

Utah Account Number	N0310 (BTA)
Utah Account Number	N4900 (Merit)
Entity Number	06285-Bridger Lake Unit
Lease Name	Fork -A-
Field & Zone	Bridger Lake – Dakota
County	Summit

<u>Well Number</u>	<u>API Number</u>	<u>¼ ¼</u>	<u>Location</u> <u>Sec. Twnshp- Range</u>
A #3	43-043-20010	NWNW	25-3N-14E
A #4	43-043-20143	NWNW	26-3N-14E
A #5	43-043-20186	SWSE	23-3N-14E
A #6	43-043-20196	SWNW	23-3N-14E
A #7	43-043-20303	SWSE	24-3N-14E
A #D10	43-043-30001	NWSE	14-3N-14E
A #13	43-043-30146	NWNE	35-3N-14E
Red Mountain #1	43-043-30313	SWNW	22-3N-14E



OPERATOR CHANGE WORKSHEET

1-GLH	4-KAS ✓
2-CDW	5-SJ
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change Only

Merger

The operator of the well(s) listed below has changed, effective: 1-1-99

TO:(New Operator) MERIT ENERGY COMPANY
 Address: 12222 MERIT DR. STE 1500
DALLAS, TX 75251
 Phone: 1-(972)-701-8377
 Account No. N4900

FROM:(Old Operator) BTA OIL PRODUCERS
 Address: 104 SOUTH PECOS
MIDLAND, TX 79701
 Phone: 1-(915)-682-3753
 Account No. N0310

WELL(S):	CA No.	or	BRIDGE LAKE	Unit
Name: <u>A-4</u>	API: <u>43-043-20143</u>	Entity: <u>6285</u>	S <u>26</u>	T <u>03N</u> R <u>14E</u> Lease: <u>U-013147</u>
Name: <u>A-#6</u>	API: <u>43-043-20196</u>	Entity: <u>6285</u>	S <u>23</u>	T <u>03N</u> R <u>14E</u> Lease: <u>U-013147</u>
Name: <u>A-#7</u>	API: <u>43-043-20303</u>	Entity: <u>6285</u>	S <u>24</u>	T <u>03N</u> R <u>14E</u> Lease: <u>U-013146</u>
Name: <u>A-#13</u>	API: <u>43-043-30146</u>	Entity: <u>6285</u>	S <u>35</u>	T <u>03N</u> R <u>14E</u> Lease: <u>U-01347</u>
Name: <u>1 RED MOUNTAIN 9220 JV-P</u>	API: <u>43-043-30313</u>	Entity: <u>12055</u>	S <u>22</u>	T <u>03N</u> R <u>14E</u> Lease: <u>UT-01348</u>
Name: _____	API: _____	Entity: _____	S _____	T _____ R _____ Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____ R _____ Lease: _____

OPERATOR CHANGE DOCUMENTATION

- YES 1. A pending operator change file has been set up?
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-7-99.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 6-7-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State?
 Yes/No If yes, the company file number is 198545, Division letter was mailed to the new operator on _____
- N/A 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or operator change for all wells listed above involving Federal or Indian leases on 8-17-99.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on 8-17-99.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on _____.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

5. Lease Designation and Serial No.

UT4-013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8910086770

8. Well Name and No.

Fork A Lease

9. API Well No.

RED MOUNTAIN
See Attachment #1

10. Field and Pool, or Exploratory Area

Bridger Lake

11. County or Parish, State

Summit Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 SOUTH PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sections 14, 22, 23, 24, 25, & 35; T3N-R14E
(See Attachment for details)

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

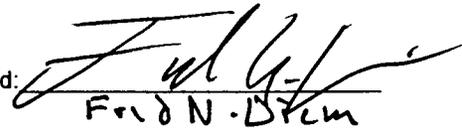
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective January 1, 1999, BTA OIL PRODUCERS has sold its interest of the referenced wells/ lease to Merit Energy Company. Operations transferred effective June 1, 1999. Bond coverage for lease activities is being provided by Merit Energy Co., under their Nationwide oil and gas Bond No. WY3011. Merit Energy Company will be responsible for compliance under the lease conditions for the portion of the lease associated with this notice.

From:
BTA OIL PRODUCERS
104 South Pecos
Midland, TX 79701
(915) 682-3753

To:
Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, TX 75251
(972) 701-8377

Signed:

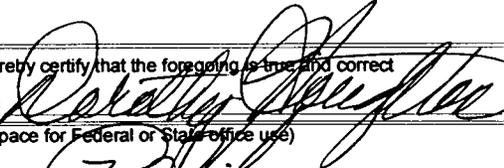


Title:

V.P.

cc: Utah Division of Oil, Gas & Mining

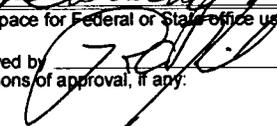
14. I hereby certify that the foregoing is true and correct

Signed  Title Regulatory Administrator

Date 05/27/99

(This space for Federal or State Office use)

CHIEF, BRANCH OF OIL AND GAS REGULATION

Approved by  Conditions of approval, if any:

Date AUG 17 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

August 17, 1999

COPY

Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, Texas 75251

Re: Bridger Lake Unit
Summit County, Utah

Gentlemen:

On August 16, 1999, we received an indenture dated June 1, 1999, whereby BTA Oil Producers resigned as Unit Operator and Merit Energy Company was designated as Successor Unit Operator for the Bridger Lake Unit, Summit County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 1999. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bridger Lake Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3011 will be used to cover all operations within the Bridger Lake Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

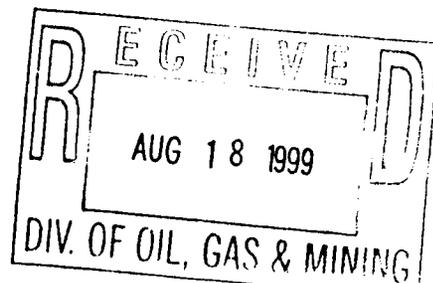
/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Salt Lake (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Bridger Lake Unit (w/enclosure)
MMS - Data Management Division
AFMSS
Agr. Sec. Chron
Fluid Chron

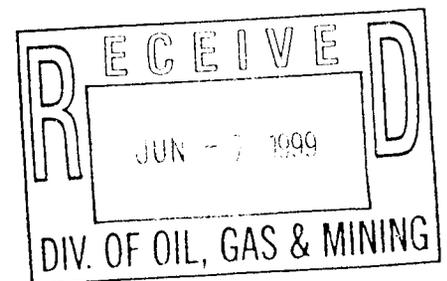
UT931:TAThompson:tt:8/17/99



Attachment to 3160-05 – Change of Operator

Utah Account Number	N0310 (BTA)
Utah Account Number	N4900 (Merit)
Entity Number	06285-Bridger Lake Unit
Lease Name	Fork -A-
Field & Zone	Bridger Lake – Dakota
County	Summit

<u>Well Number</u>	<u>API Number</u>	<u>¼ ¼</u>	<u>Location Sec. Twnshp- Range</u>
A #3	43-043-20010	NWNW	25-3N-14E
A #4	43-043-20143	NWNW	26-3N-14E
A #5	43-043-20186	SWSE	23-3N-14E
A #6	43-043-20196	SWNW	23-3N-14E
A #7	43-043-20303	SWSE	24-3N-14E
A #D10	43-043-30001	NWSE	14-3N-14E
A #13	43-043-30146	NWNE	35-3N-14E
Red Mountain #1	43-043-30313	SWNW	22-3N-14E



OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR	6-KAS ✓
2-GLH ✓	7-GJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

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

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

The operator of the well(s) listed below has changed, effective: 1-1-99

TO: (new operator)	<u>MERIT ENERGY COMPANY</u>	FROM: (old operator)	<u>BTA OIL PRODUCERS</u>
(address)	<u>12222 MERIT DR. STE 1500</u>	(address)	<u>104 SOUTH PEGOS</u>
	<u>DALLAS, TX 75251</u>		<u>MIDLAND, TX 79701</u>
	<u>Phone: (972) 701-8377</u>		<u>Phone: (915) 682-3753</u>
	<u>Account no. N4900</u>		<u>Account no. N0310</u>

WELL(S) attach additional page if needed:

Name: <u>*SEE ATTACHED*</u>	API: <u>43-043-30323</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- DR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.7.99)*
- DR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.7.99)*
- HA 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- DR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 8.18.99)*
- DR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(9.8.99)*
- DR 6. Cardex file has been updated for each well listed above.
- HA 7. Well file labels have been updated for each well listed above. **new filing system*
- DR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(9.8.99)*
- DR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

DR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.

DR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- HA 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- HA 2. A copy of this form has been placed in the new and former operator's bond files.
- HA 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 1/25/2000. If yes, division response was made to this request by letter dated 1/25/2000.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- HA 1. Copies of documents have been sent on 1/25/2000 to Trust Lands at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- HA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1/25/2000 19 00, of their responsibility to notify all interest owners of this change.

FILMING

VB 1. All attachments to this form have been microfilmed. Today's date: 25 Jan 2000

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

form 5 on
Blm denied approval - (rec'd 6-18-99)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.
UTU-013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Red Mountain #1

9. API Well No.
43-043-30313

10. Field and Pool, or Exploratory Area
Bridger Lake; Dakota

11. County or Parish, State
Summit County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Merit Energy Company

3a. Address 3b. Phone No. (include area code)
12222 Merit Dr., Suite 1500, Dallas, TX. 75251 972-701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1896' FNL & 1284' FWL (SW NW) Sec. 22-T3N-R14E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	_____
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Merit Energy Company requests continued TA/Shut in status for this well. Merit took over as operator of the well in June, 1999. Additional time is needed to properly evaluate the well for future utility. Merit requests approval for TA/Shut in status through December 31, 2000.

COPY SENT TO OPERATOR
Date: 1-11-2000
Initials: CHD

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

DIVISION OF OIL, GAS & MINING

JAN 07 2000

RECEIVED

cc: Utah Division of Oil & Gas Mining

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

Name (Printed/Typed) Arlene Valliquette	Title Manager - Regulatory Affairs
Signature <i>Arlene Valliquette</i>	Date 1/5/00
Approved by	Title Federal Approval of this Action is Necessary
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU-013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8910066770

8. Well Name and No. **43.043-30313**
Fork A Lease

9. API Well No. **RED MOUNTAIN**
See Attachment #1

10. Field and Pool, or Exploratory Area
Bridger Lake

11. County or Parish, State

Summit Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 SOUTH PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Sections 14, 22, 23, 24, 25, & 35; T3N-R14E
(See Attachment for details)**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- other Change of Operator

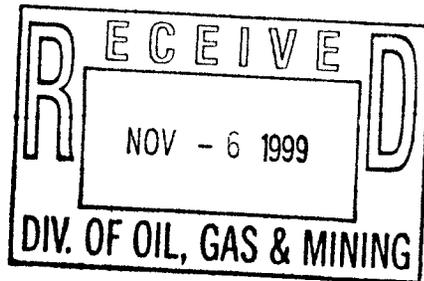
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)*

Effective January 1, 1999, BTA OIL PRODUCERS has sold its interest of the referenced wells/ lease to Merit Energy Company. Operations transferred effective June 1, 1999. Bond coverage for lease activities is being provided by Merit Energy Co., under their Nationwide oil and gas Bond No. WY3011. Merit Energy Company will be responsible for compliance under the lease conditions for the portion of the lease associated with this notice.

From:
BTA OIL PRODUCERS
104 South Pecos
Midland, TX 79701
(915) 682-3753



To:
Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, TX 75251
(972) 701-8377

Signed: *[Signature]*
Fred N. D'Arcy
Title: **V.P.**

cc: Utah Division of Oil, Gas & Mining

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

Signed *[Signature]* Title **Regulatory Administrator**

Date **05/27/99**

(This space for Federal or State office use)

Approved by *[Signature]* Title **CHIEF, BRANCH OF FLUID MINERALS**

Date **AUG 17 1999**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Merit Energy Company

3a. Address

12222 Merit Dr., Suite 1500, Dallas, TX. 75251

3b. Phone No. (include area code)

972-383-6569

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1896' FNL & 1284' FWL (SW NW)
Sec. 22-T3N-R14E

5. Lease Serial No.

UTU-013148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Red Mountain #1 9220 JV-P

9. API Well No.

43-043-30313

10. Field and Pool, or Exploratory Area

Bridger Lake; Dakota

11. County or Parish, State

Summit County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/EIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Merit Energy Company permanently plugged and abandoned this well as follows:

MIRU. Set CICR @ 16,000'. Carol Scott w/BLM gave permission to cap off cmt on top of CICR. Dump 560' cmt on top of CICR. TOC plug @ 15440'. Pump 205 bbls. 9# bentonite gel from TOC @ 15440' - 10617'. Pump 60 sx. Cmt. Plug from 10,617' - 10,365'. Tag TOC @ 10,365'. Cut tbg. Off @ 10,000'. Pump 266 bbls. 9# bentonite gel. Set 200' cmt. Plug from 6760' - 6550'. Perforate @ 650'. Pump 700 sxs. Cmt. Lost circulation @ end of job. Cut off WH. PU 1" tbg. Tag cmt. In 9-5/8". Pump 4 bbls. Fill to surface. Tag cmt. In 13-3/8". Pump 3 bbls. Fill to surface.

START DATE - 7-9-02 }
FINISH DATE - 7-24-02 } per Lynne Moon

RECEIVED

AUG 27 2002

DIVISION OF
OIL, GAS AND MINING

cc: Utah Division of Oil, Gas & Mining

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

Name (Printed/Typed)

Lynne Moon

Title

Regulatory Analyst

Signature

Lynne Moon

Date

August 22, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LEASE & WELL NO. Red Mountain #1
 FIELD NAME Bridger Lake
 LOCATION Sec 22-3N-14E

FORMER NAME Red Mountain #1
 COUNTY & STATE Summit Co., Utah
 API NO. 43-043-30313

K.B. ELEV. 9509'
 D.F. ELEV. 9508'
 GROUND LEVEL 9477'

SURFACE CASING

SIZE 13 3/8" WEIGHT 68.# DEPTH 600'
 GRADE K-55 SX. CMT. 480 sx TOC @ Surf.

INTERMEDIATE CASING

SIZE _____ WEIGHT _____ DEPTH _____
 GRADE _____ SX. CMT. _____ TOC @ _____

WELL HISTORY

COMPLETION DATE: 6/23/1997

06/97 Perforate 16166-90' w/ spf @ 60 deg. Phasing
 Acdz w/ 1000 gal 10% HCl & 3000 gals 12/3 MCA acid
 Jet well dry
 Acdz w/ 1000 gal 10% HCl & 3000 gals 12/3 MCA acid
 No trace of oil or gas

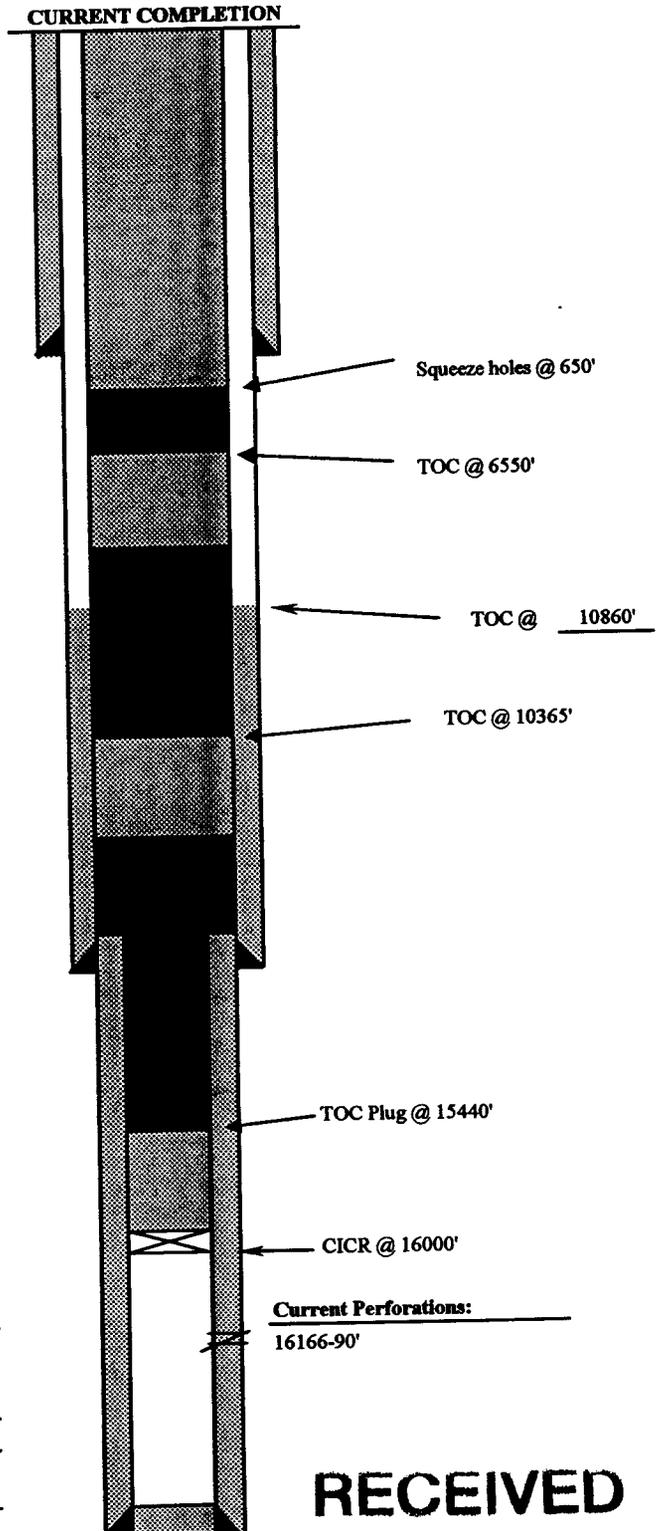
PRODUCTION STRING

SIZE 9 5/8" WEIGHT 47.# DEPTH 10860'
 GRADE P110 SX. CMT. 1700 sx TOC @ 6100'

LINER DATA

SIZE 7" WEIGHT 29.# DEPTH 16314'
 GRADE P110 SX. CMT. 2700 sx TOC @ 10526'

PBTD@ 16290'
 TD@ 16318'



RECEIVED

AUG 27 2002

DIVISION OF
 OIL, GAS AND MINING