

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 LOMAX EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
 P.O. Box 1446, W. Poleline Rd., Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2009' FSL 1980' NW/SE  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10.2 miles from Myton

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2009'  
 16. NO. OF ACRES IN LEASE 1563.72

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 670'  
 19. PROPOSED DEPTH 6400'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5283.6 GR

5. LEASE DESIGNATION AND SERIAL NO.  
 U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Boundary Federal

9. WELL NO.  
 #10-20

10. FIELD AND POOL OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 20, T8S, R17E. SLB&M

12. COUNTY OR PARISH 13. STATE  
 Duchesne Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 April 10, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	216 sks Glass "G" + 2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	17#	TD	350 sks Hilift + additives followed by 430 sks of 50/50 Poz/G

RECEIVED

MAR 19 1993

DIVISION OF  
OIL GAS & MINING

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

24. SIGNED B. Matthews TITLE Regional Production Mgr. DATE 3/17/93

(This space for Federal or State office use)

PERMIT NO. 43-013-31380

APPROVAL DATE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

DATE: 3-24-93  
 BY: B. Matthews  
 WELL SPACING: 649-3-3

\*See Instructions On Reverse Side

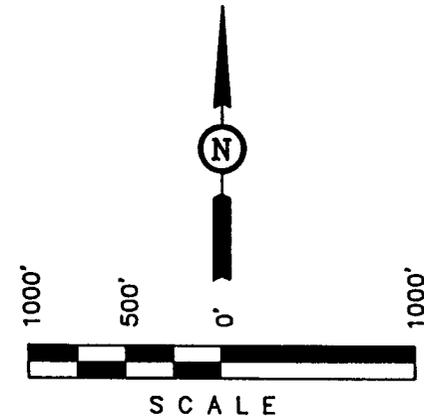
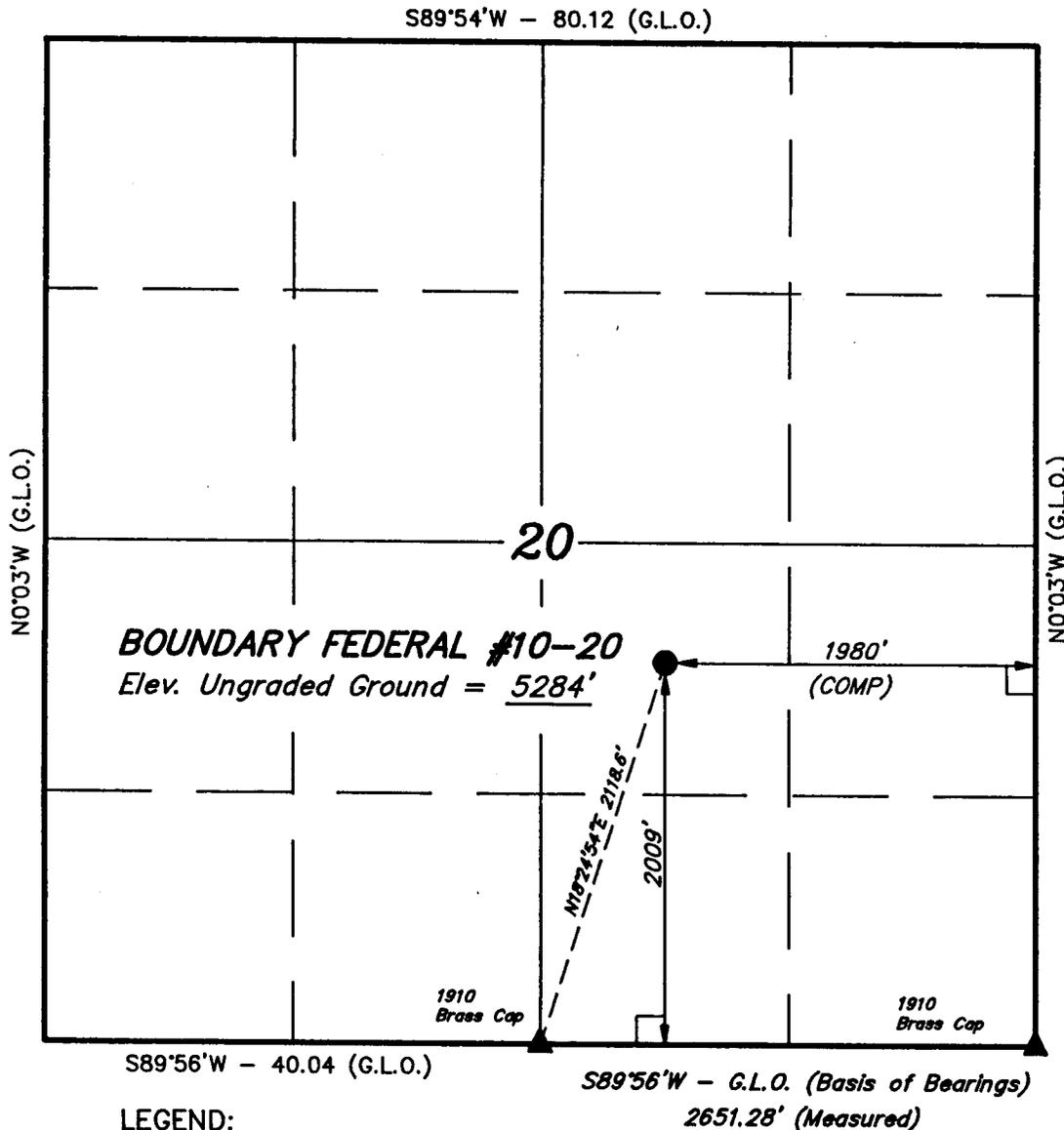
**T8S, R17E, S.L.B.&M.**

**LOMAX EXPLORATION CO.**

Well location, BOUNDARY FEDERAL #10-20,  
located as shown in the NW 1/4 SE 1/4  
of Section 20, T8S, R17E, S.L.B.&M.  
Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION  
20, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE  
QUADRANGLE, DUCHESNE COUNTY, 7.5 MINUTE QUAD.  
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.  
SAID ELEVATION IS MARKED AS BEING 5261 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.

*Robert J. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

REVISED: 3-1-93 R.E.H.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 2-23-93	DATE DRAWN: 2-23-93
PARTY J.T.K. T.G. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE LOMAX EXPLORATION CO.	

LEGEND:

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

**LOMAX EXPLORATION  
BOUNDARY FEDERAL #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, Utah**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 - 2770'
Green River	2770'
Wasatch	5800'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 5300' - 5900' - Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ST&C collars; set at 300' (New)  
5 1/2", J-55, 17# w/LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOP's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density log. If warranted full bore FMI and NMRIL logs will be run. Rotary diamond sidewall cores will be taken in prospective reservoirs. Logs will run from TD to 3500'. The Cement Bond Log will be run from PBTD to cement top.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that drilling operations will commence April 19, 1993 and finish approximately April 30, 1993.

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20  
NW/SE SECTION 20, T8S, R17E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT SURFACE USE PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Maps "A" & "B".

To reach LOMAX EXPLORATION COMPANY well location site Boundary Federal #10-20 located in the NW 1/4 SE 1/4 Sec. 20, T8S, R17E S.L.B.& M, Duchesne County Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.9 miles to its junction with Utah State Highway 216; proceed southerly along State Highway 216 - 5.1 miles to its junction with an existing dirt road to the east; proceed easterly along this road 1.7 miles to its intersection with the beginning of the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the B.L.M., or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NW 1/4 SE 1/4 Section 20, T8S, R17E, S.L.B.&M., and proceeds in a southerly direction approximately 400'  $\pm$  to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. Back slopes along the cut areas of the road will be 1 to 1 1/2 slopes and terraced.

The maximum grade is 1%.

There will be no culverts required along this access road.

There will be no water turnouts constructed along this road.

There is one fence encountered along this proposed road. There will be one new gate required.

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20**

All construction material for this access road will be borrowed material accumulated during construction of the access road.

There is a private surface owner agreement in place.

**3. LOCATION OF EXISTING WELLS**

There are four producing, two shut-in LOMAX EXPLORATION wells, one P&A PG&E well within a one mile radius of this location site. (See Topographic Map "D")

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery. The integrity of the dike will be maintained.

Tank batteries will be placed on a per Sundry Notice if the well is successfully completed and placed on production.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted with Desert Brown #10YR6-3. All facilities will be painted within six months of installation.

**5. LOCATION AND TYPE OF WATER SUPPLY**

At the present time, it is anticipated that the water for this well will be trucked from our fresh water supply line located at the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E) location as indicated on Topographic Map-Exhibit "C".

A letter from Johnson Water district giving Lomax permission to use water from the system is attached. See Exhibit "G".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

**6. SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet--Exhibit "E"

All construction material for this location shall be borrow material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet. Exhibit "E"

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20**

A reserve pit will be constructed & lined with a plastic nylon reinforced liner so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

After first production, produced waste water will be confined to a pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) & hauled away to an approved disposal site at the completion of the drilling activities.

**8. ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

**9. WELL SITE LAYOUT**

See attached Location Layout Sheet. Exhibit "E"

The reserve pit will be located on the northeast side of the location.

The flare pit will be located downwind of the prevailing wind direction on the southeast side, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled topsoil (first six inches) will be stored on the southwest side between Stakes #1 & #8.

Access to the well pad will be from the north and south.

The south and east sides to the reserve pit will be bermed 24" (including the flare pit).

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20**

**10. PLANS FOR RESTORATION OF SURFACE**

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids & hydrocarbons, all cans, barrels, pipe, etc. removed.

b) Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

Pride Lane Farms c/o John Price  
Box 26  
Heber, UT 84032

**12. OTHER ADDITIONAL INFORMATION**

- a) Lomax Exploration is 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. If historic or archaeological materials are uncovered during construction, Lomax is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO).
- b) Lomax Exploration will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

All well site locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20**

*Additional Surface Stipulations*

Reclamation of unused disturbed areas on well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Lomax Exploration is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD, if applicable, shall be on location during construction of the location and drilling activities.

Lomax Exploration Company or designated contractor shall contact the BLM office at (801)778-1362 forty-eight (48) hours prior to construction activities.

The BLM office shall be notified upon site completion prior to moving on the drilling rig.

LOMAX EXPLORATION or a contractor employed by LOMAX EXPLORATION shall contact Ralph Brown or Tim Obrien of the B.L.M. 48 hours prior to construction activities.

**LOMAX EXPLORATION COMPANY  
BOUNDARY FEDERAL #10-20**

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative:

Name: Brad Mecham  
Address: P.O. Box 1446  
Roosevelt, Utah 84066  
Phone No.: (801) 722-5103

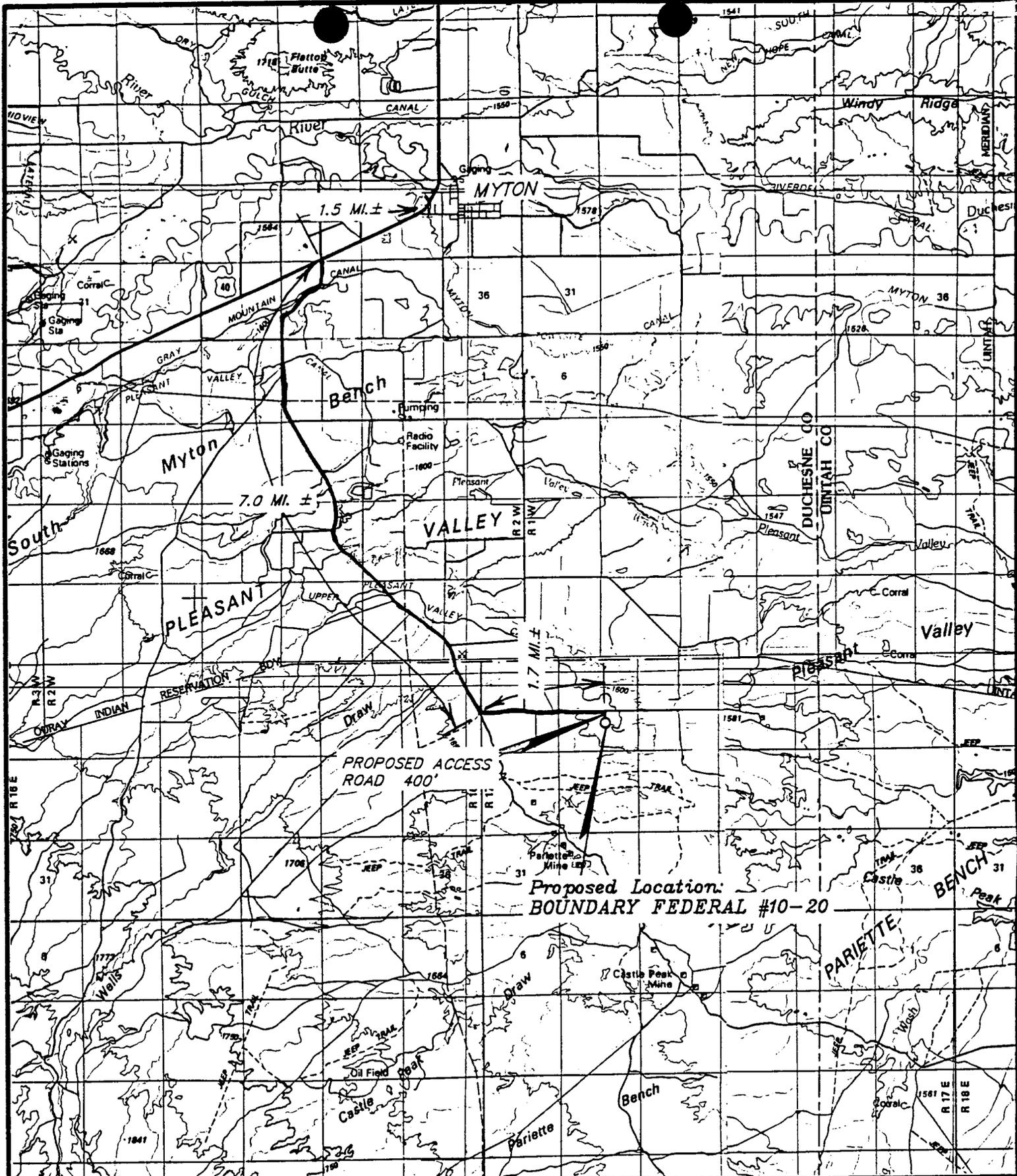
Certification:

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #10-20; NW/SE Section 20, Township 8S, Range 17E; Lease #U-50376; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Lomax Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C 1001 for the filing of a false statement.

3-17-92  
Date

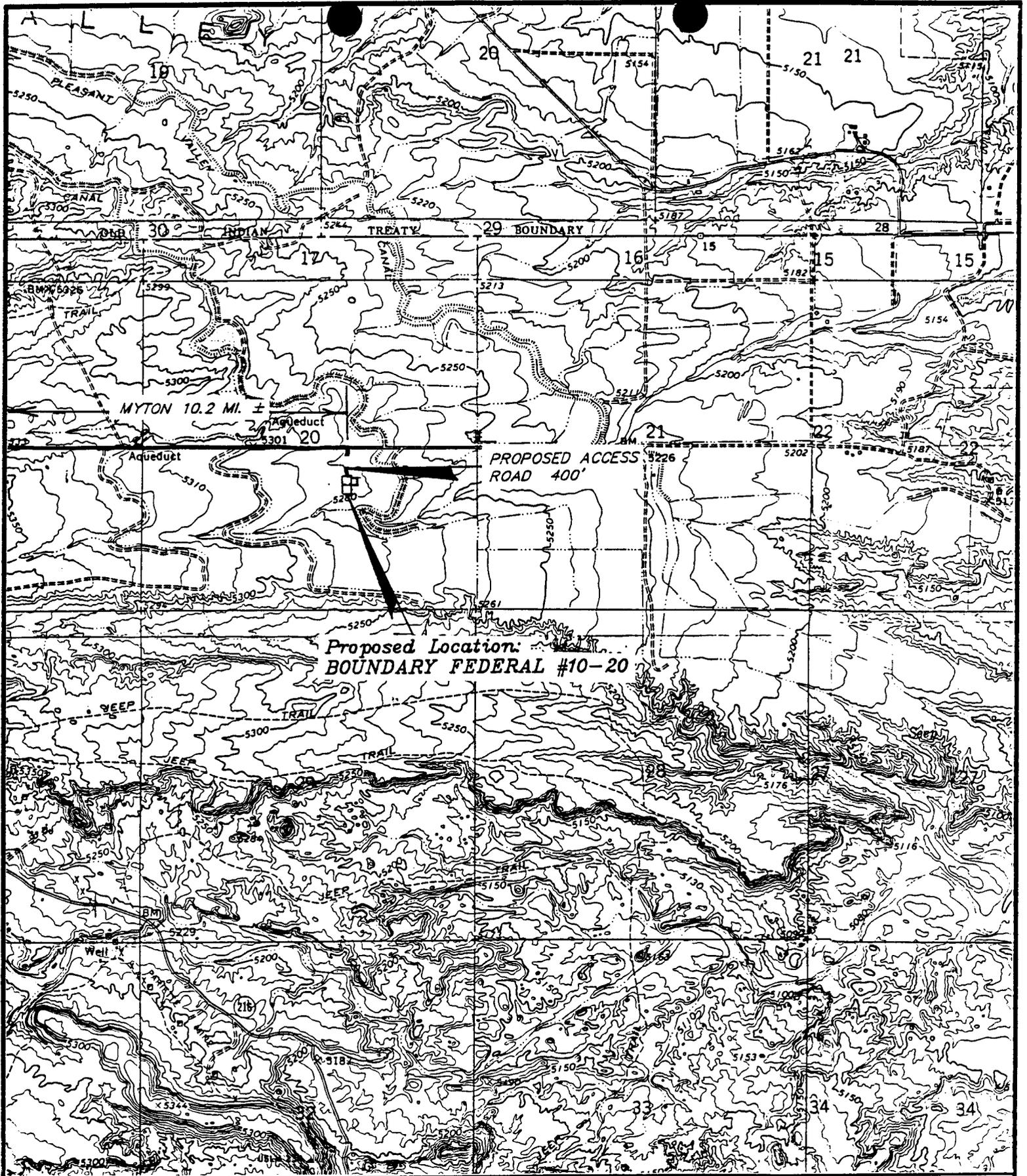
Brad Mecham  
Brad Mecham  
Regional Production Manager



TOPOGRAPHIC  
 MAP "A"  
 DATE: 2-23-93 R.E.H.



LOMAX EXPLORATION CO.  
 BOUNDARY FEDERAL #10-20  
 SECTION 20, T8S, R17E, S.L.B.&M.



TOPOGRAPHIC

MAP "B"

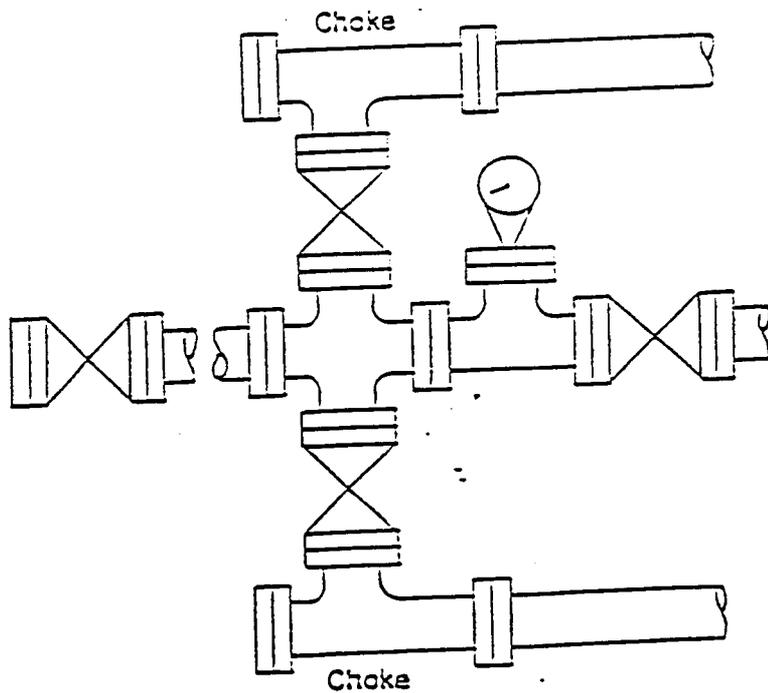
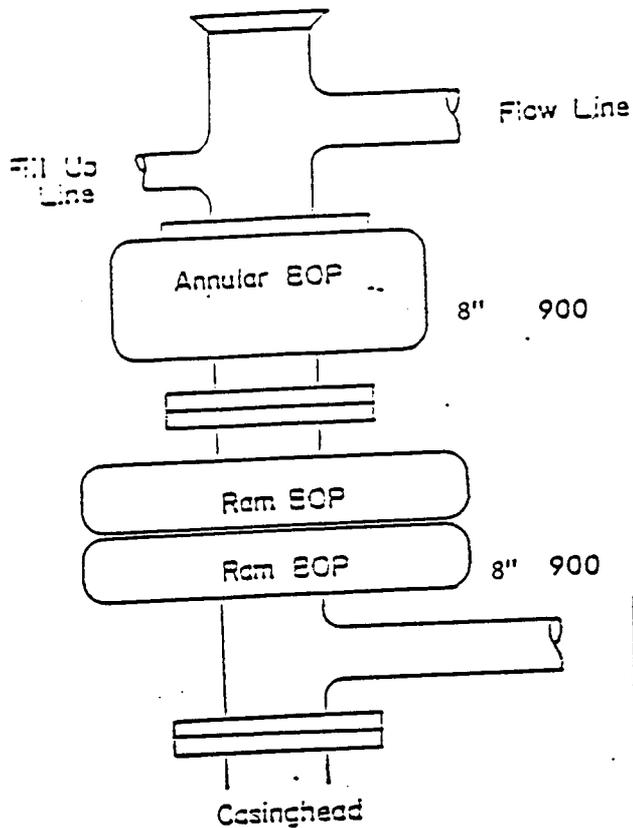
SCALE: 1" = 2000'

DATE: 2-23-93 R.E.H.



LOMAX EXPLORATION CO.

BOUNDARY FEDERAL #10-20  
SECTION 20, T8S, R17E, S.L.B.&M.

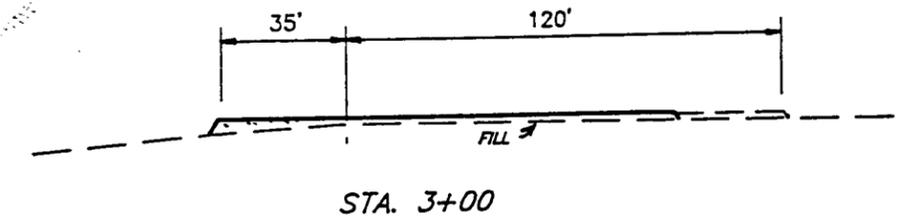
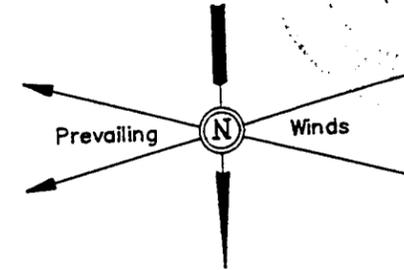


ALL EQUIPMENT 3000 PSI OR HIGHER WORKING PRESSURE

EXHIBIT F

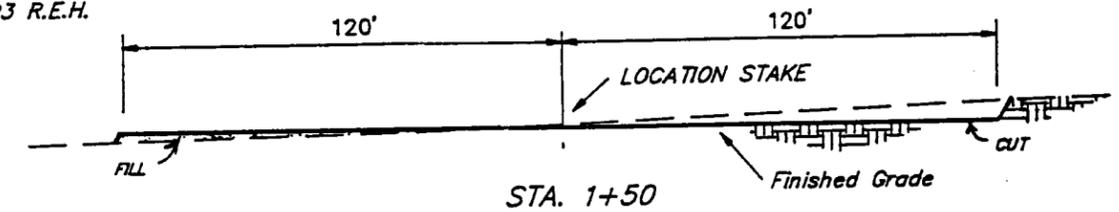
LOMAX EXPLORATION CO.  
 LOCATION LAYOUT FOR  
 BOUNDARY FEDERAL #10-20  
 SECTION 20, T8S, R17E, S.L.B.&M.

EXHIBIT E

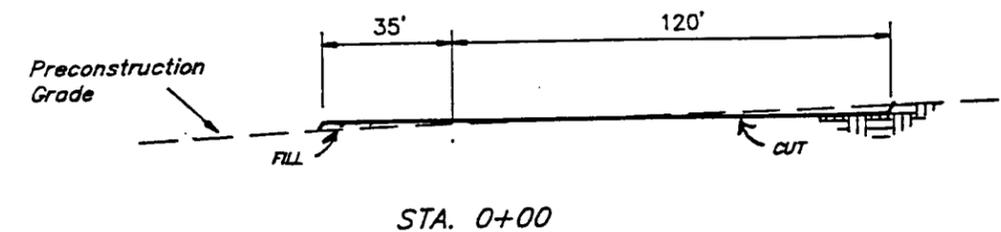
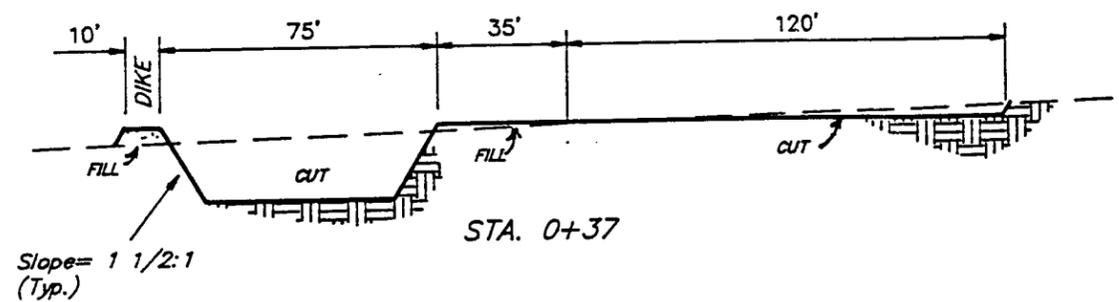


SCALE: 1" = 50'  
 DATE: 3-1-93  
 Drawn By: R.E.H.  
 REVISED: 3-10-93 R.E.H.

X-Section Scale  
 1" = 20'  
 1" = 50'



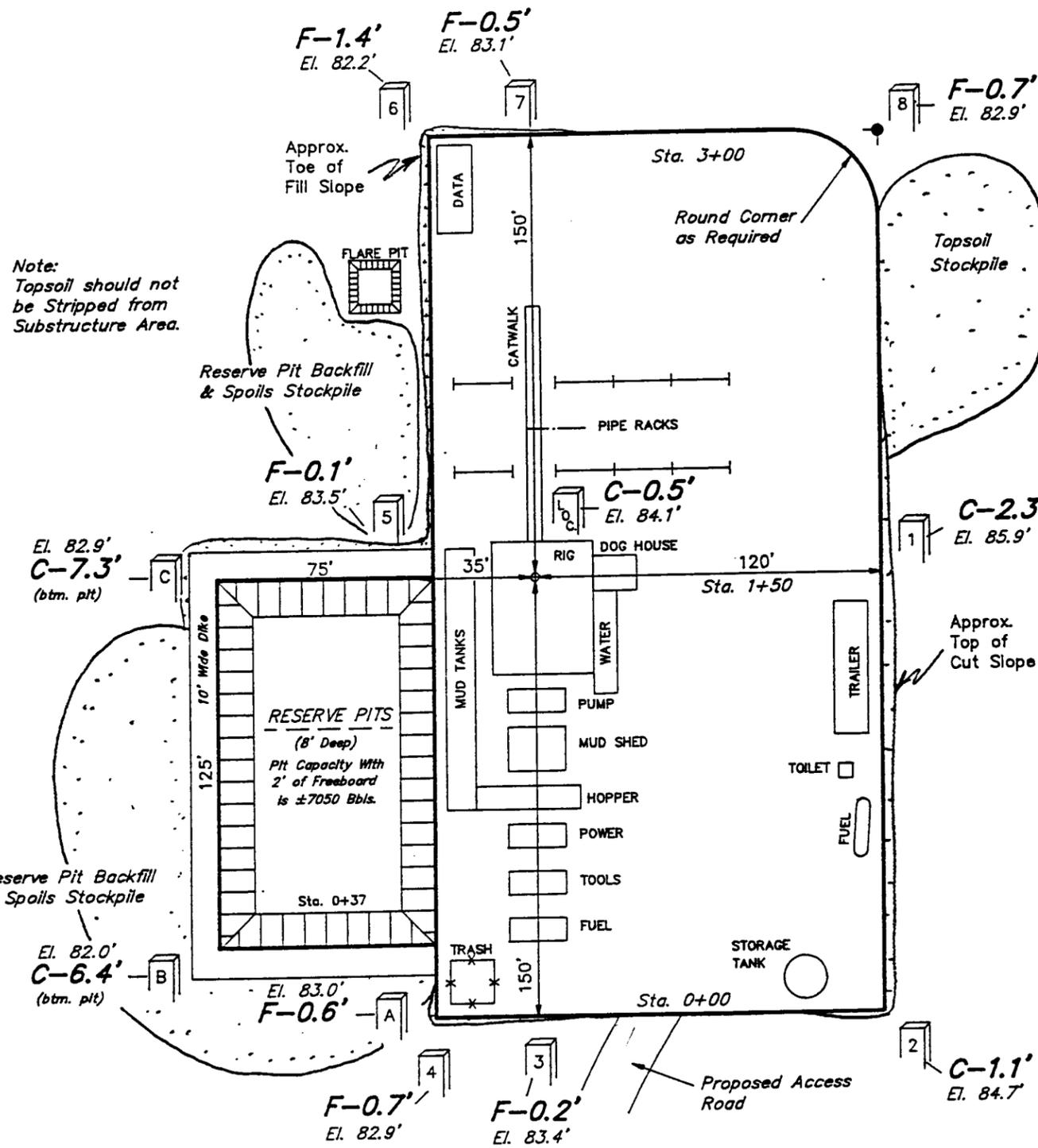
TYP. LOCATION LAYOUT  
 TYP. CROSS SECTIONS



Elev. Ungraded Ground at Location Stake = 5284.1'

Elev. Graded Ground at Location Stake = 5283.6'

UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East Vernal, Utah

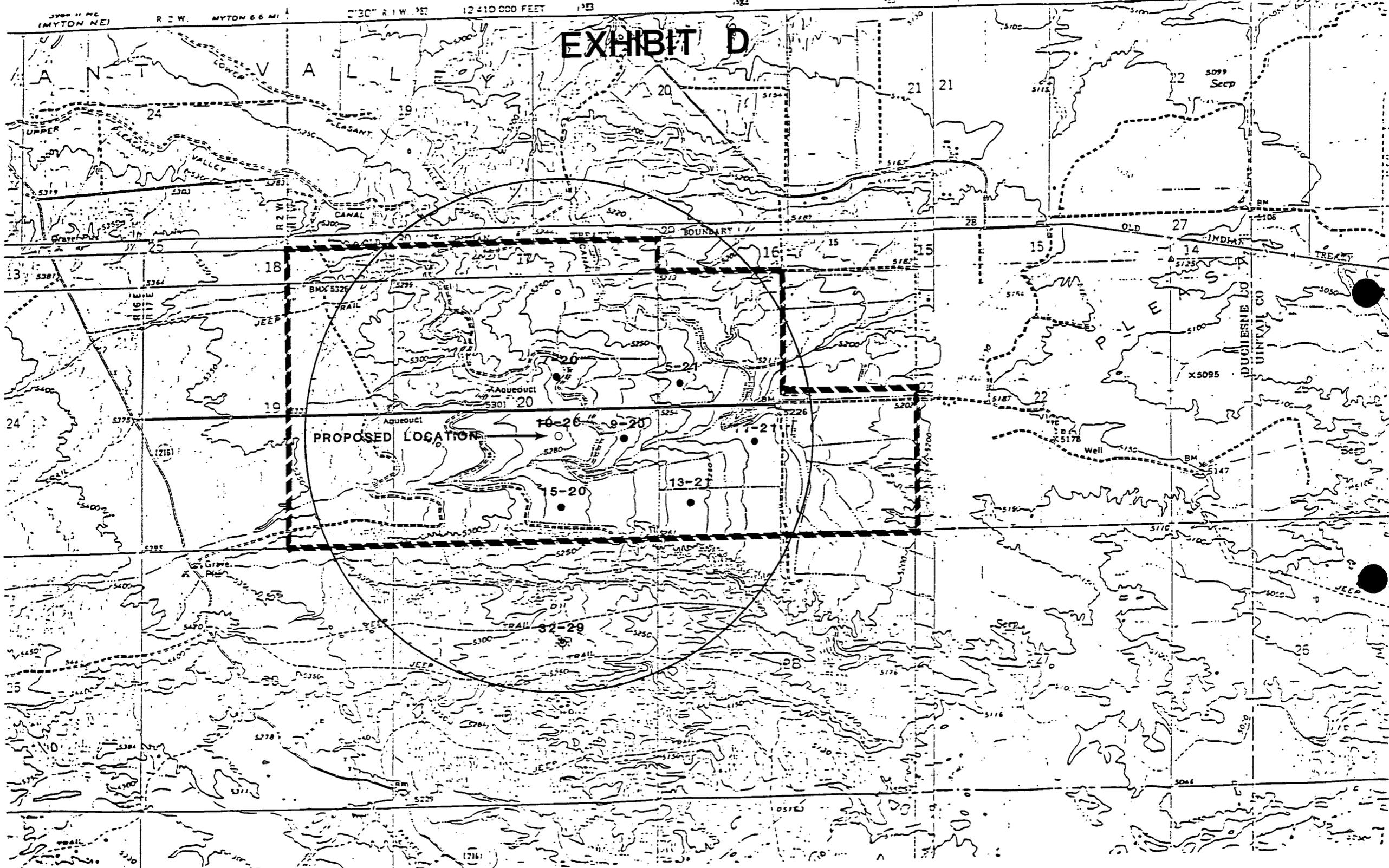


Note:  
 Topsoil should not be Stripped from Substructure Area.

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,030 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 2,440 Cu. Yds.
Remaining Location	= 2,370 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,090 Cu. Yds.
TOTAL CUT	= 3,400 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 350 Cu. Yds.
FILL	= 910 CU.YDS.		

# EXHIBIT D



POWER LINE

JOHNSON WATER LINE

R 2 W

BENUC  
WATER SOURCE

# Lomax

RIGHT-OF-WAY and ACCESS  
FOR FRESH WATER PIPELINE  
DUCHESE CO., UTAH  
EXHIBIT C

SCALE 1:24,000

Date: 10/88 REVISED 3/89

BY: D. TAFF

T 4 S  
PLEASANT VALLEY

A S  
T 4 S

P L E A

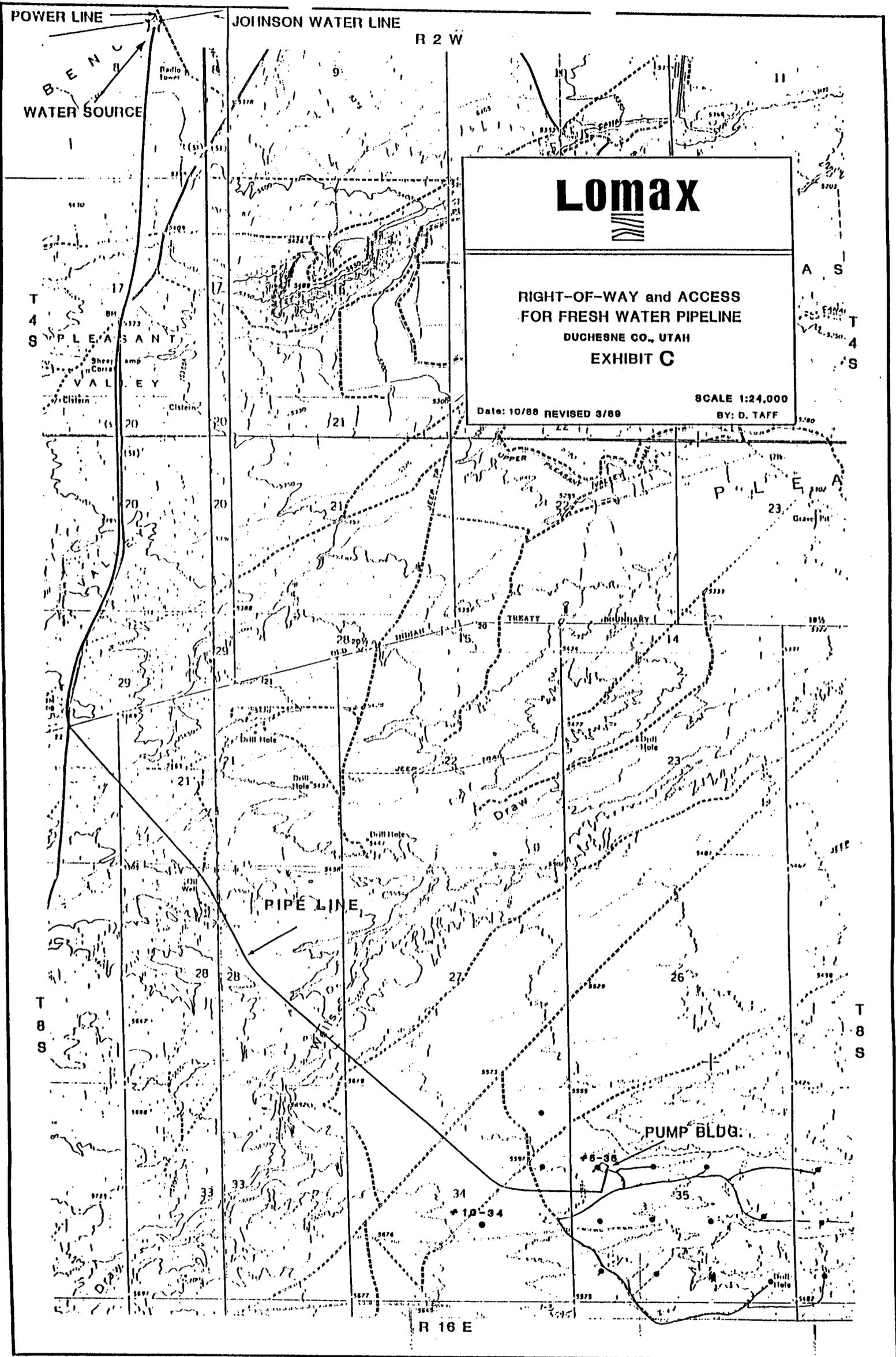
PIPE LINE

PUMP BLDG.

T 8 S

T 8 S

R 16 E



# JOHNSON WATER DISTRICT

Route 3, Box 3188  
Roosevelt, Utah, 84066, 722-2620

March 11, 1993

TO WHOM IT MAY CONCERN:

Lomax Exploration Co, has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Co, to use water from system for the purpose of drilling and completing the Boundary Federal #10-20.

Sincerely,  
*Dorald Brokaw*  
Dorald Brokaw/Secretary  
Johnson Water District

EXHIBIT G

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

March 18, 1993



Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill  
Boundary Federal #10-20  
Lease U-50376  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Application for Permit to Drill" for the above referenced location.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lucy Nemecek".

Lucy Nemecek  
Secretary

/In  
GOVTAPD.LTR

Enclosures

cc: Bill Pennington  
John Lomax

A rectangular stamp with the word "RECEIVED" in a bold, blocky, slightly slanted font.

MAR 19 1993

DIVISION OF  
OIL GAS & MINING

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 03/19/93

OPERATOR: LOMAX EXPLORATION COMPANY  
WELL NAME: BOUNDARY FEDERAL 10-20

OPERATOR ACCT NO: N- 0580

API NO. ASSIGNED: 43-013-31380

LEASE TYPE: FED LEASE NO: U-50370  
LOCATION: NWSE 20 - T08S - R17E DUCHESNE COUNTY  
FIELD: TREATY BOUNDARY (130) FIELD CODE: 130

RECEIVED AND/OR REVIEWED:

Plat  
 Bond  
(Number federal)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number included)  
 RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: Boundary Unit  
 R649-3-2. General. Cause no. 225-1  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: Allow addl producing wells within Sec 20.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: cc: Duchesne county auditor

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 5-29-94



Petroleum Engineer; and Brad Hill, Geologist, were present for the Division of Oil, Gas and Mining (the "Division"). Thomas A. Mitchell and William R. Richards, Assistant Attorneys General and counsel to the Division and the Board were also present. The Petitioner, Lomax Exploration Company ("Lomax"), was represented by Thomas W. Clawson of Van Cott, Bagley, Cornwall & McCarthy. John D. Lomax, Chief Executive Officer, and Bill I. Pennington, President, testified on behalf of the Petitioner. Protestant C.E. Carman appeared *pro se*. After considering testimony introduced and the exhibits received at the hearing, on July 22, 1992, the Board approved Petitioner's request for unit operations and secondary recovery operations in the Boundary Unit. On August 24, 1992, the Board entered its Findings of Fact, Conclusions of Law, and Order Granting Approval of Unit Operations and Secondary Recovery.

Petitioner's AMENDED PETITION TO AMEND ORDER came on regularly for hearing on Wednesday, October 28, 1992, at the hour of 10:00 a.m. The following Board members were present at the October 28, 1992, hearing: James W. Carter, Chairman; Judy F. Lever, E. Steele McIntyre; David D. Lauriski, Jay L. Christensen; and Kent G. Stringham. Ronald J. Firth, Associate Director, Oil and Gas; Frank Matthews, Petroleum Engineer; and Brad Hill, Geologist, were present for the Division. Lomax was represented by Gregory P. Williams and Mr. Clawson of Van Cott, Bagley, Cornwall & McCarthy. Mr. Pennington testified on behalf of Lomax at the October 28, 1992, hearing.

NOW, THEREFORE, the Board, having fully considered the testimony adduced and the exhibits received at both the July 22, 1992, and October 28, 1992, hearings,

being fully advised, and good cause appearing, hereby makes the following Findings of Fact, Conclusions of Law, and Order:

### FINDINGS OF FACT

1. Notices of the time, place, and purposes of the July 22, 1992, hearing and the October 28, 1992, hearing, were mailed to all interested parties and all owners or operators and surface owners within one-half mile of the proposed Boundary Unit area by certified mail, return receipt requested, and were duly published in the Salt Lake Tribune, Deseret News, and the Uintah Basin Standard pursuant to the requirements of *Utah Administrative Code* ("U.A.C.") Rule R641-106-100 (1992). Copies of the Request for Agency Action and Amended Petition to Amend Order filed in this cause were mailed to all interested parties and to all owners or operators and surface owners within a one-half mile radius of the proposed Boundary Unit area pursuant to U.A.C. Rules R641-104-135 and R649-5-2(2.12).

2. Lomax Exploration Company is a Texas corporation in good standing, having its principal place of business in Houston, Texas. Lomax is qualified to do business in Utah.

3. The proposed Boundary Unit embraces the following described lands in the Treaty Boundary Field, Duchesne County, Utah:

Township 8 South, Range 17 East, S.L.M.

Section 17: All  
Section 18: E½  
Section 19: E½

Section 20: All  
Section 21: S½, NW¼

(containing 1,563.72 acres, more or less).

4. The formation to be unitized for unit operations is the Green River Formation, more particularly described as follows:

In the Lomax Exploration Company Federal No. 9-20 Well located in the NE¼ SE¼ of Section 20, Township 8 South, Range 17 East, S.L.M., the top of the Green River Formation is at a depth of 1,926 feet. This formation continues to 6,690 feet, a gross interval of 4,764 feet.

5. The formation to be unitized for secondary recovery operations is the Douglas Creek Member of the Green River Formation, more particularly described as follows:

In the Lomax Exploration Company Federal No. 9-20 Well located in the NE¼SE¼ of Section 20, Township 8 South, Range 17 East, S.L.M., the top of the Douglas Creek Member is at a depth of 5,210 feet. This member continues to 6,690 feet, a gross interval of 1,480 feet.

6. The minerals in all lands embraced within the proposed Boundary Unit area are owned as follows:

Township 8 South, Range 17 East, S.L.M.

Section 17: All	United States of America
Section 18: E½	United States of America
Section 19: E½	United States of America
Section 20: All	United States of America
Section 21: S½, NW¼	United States of America

7. Lomax owns in excess of 90% of the working interest in the acreage sought to be unitized.

8. Drilling has proceeded under state-wide location and density patterns for the location and siting of wells established by the Oil and Gas General Rules, *U.A.C.* Rule R649-3-2 (1992), and predecessor rules, except that drilling has been on 80-acre spacing.

9. The following wells have been completed in the acreage sought to be unitized:

(a) Boundary Federal No. 7-20 situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 20. First production occurred in December 1983.

(b) Boundary Federal No. 9-20 situated in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 20. First production occurred in December 1982.

(c) Boundary Federal No. 15-20 situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 20. First production occurred in August 1983.

(d) Boundary Federal No. 11-21 situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21. First production occurred in October 1983.

(e) Federal No. 13-21 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21. First production occurred in July 1982.

(f) Boundary Federal No. 5-21 situated in SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 21. No production has occurred in this well.

10. All of the wells described above, except for the Federal No. 5-21, have produced oil and gas from the Green River Formation.

11. The reservoir underlying the Boundary Unit area is a solution gas drive reservoir that is slightly under-saturated and slightly under pressure. As is characteristic of such reservoirs, there is a relatively rapid loss of reservoir energy as primary production occurs, resulting in a rapid decline in production and low primary recovery.

12. Approximately 160,000 barrels of oil have been produced as of December 31, 1991, from the Douglas Creek Member of the Green River Formation in the proposed Boundary Unit area. Approximately 27,700 additional barrels of oil may be produced by primary production. The primary production of approximately 187,700 barrels represents approximately one percent of the original oil in place.

13. A water flood secondary recovery project in the Douglas Creek Member in the proposed Boundary Unit area could increase ultimate recovery from approximately one percent of the original oil in place from primary production to an aggregate recovery of approximately 15 percent. Secondary recovery could increase ultimate recovery by approximately 2.1 million barrels of oil.

14. Lomax is the operator of two other water flood secondary projects in the nearby Monument Butte area, the Monument Butte "D" Sand Unit and the Travis Unit, and is experienced in the operation of water flood projects.

15. Although the specific well(s) to be used for injection purposes has not yet been determined, under the proposed secondary recovery operation plan, the injection

rate will range from 500 to 1,000 barrels per day. The maximum pressure will be 2,000 p.s.i., or 100 p.s.i. less than parting pressure as determined by step rate tests.

16. The water for the water flood project is to be acquired from the Johnson Water District and is suitable for injection.

17. It is estimated that the water flood project initially will cost approximately \$1,300,000 to determine the suitability of developing the unit area. An additional cost of \$5,000,000 may be required to fully develop the unit area. The total \$6,300,000 expenditure will result in recovery of approximately an additional 2.1 million barrels of oil. The value of the estimated additional recovery of oil substantially exceeds the estimated additional cost incident to conducting secondary recovery operations.

18. No voluntary agreement or plan of development and operation of the pool as a unit as contemplated by Section 40-6-7(1), *Utah Code Annotated*, and no plan of development and operation of the pool as a unit contemplated by Section 40-6-7(2), *Utah Code Annotated*, exists with respect to the Boundary Unit area.

19. The proposed voluntary agreement contemplated by Sections 40-6-7 and 40-6-8, *Utah Code Annotated*, will take the form of a unit agreement and unit operating agreement and will contain all provisions required by statute. The proposed plan for unit operations will also contain a method whereby the unit may be expanded to include additional lands found to contain oil and gas within the pool.

20. In excess of 70% of all owners of working interests are agreeable to the plan for unit operations proposed for the Boundary Unit. The owner of in excess of 70%

of all royalty interests, the Department of Interior, Bureau of Land Management, has approved in writing the plan for unit operations.

21. Lomax will be the unit operator.

22. The formula for allocation of costs and production proposed by Lomax utilizes parameters common in the industry and the participation formula is consistent with industry practices.

23. The proposed Unit Agreement and Unit Operating Agreement introduced at the October 28, 1992, hearing as Exhibits 3 and 4, together with all attachments thereto, are acceptable to the Division and to the Board.

24. The Engineering and Geological Report for Proposed Boundary Unit, Duchesne County, Utah, introduced and admitted at the July 22, 1992, hearing as Exhibit 1, is acceptable to the Division and the Board.

25. The plan of development contained in the Engineering and Geological Report will accomplish the goals of the Secondary Recovery Unit.

26. On July 21, 1992, the day before the July 22, 1992, hearing, Mr. C.E. Carman ("Protestant") filed a protest and objection to the Request for Agency Action filed in this cause claiming that the operation of the proposed Boundary Unit would interfere with the operation of Protestant's existing irrigation system and that the underground injection of water may impact surface soils. Protestant's objection was filed after the expiration of the time allowed as contemplated by *U.A.C.* Rule R641-104-141. Protestant does not hold any mineral interests in the lands underlying the proposed Boundary Unit nor within a radius

of one-half mile of the Boundary Unit. Prior to the hearing, Protestant and representatives of Lomax met regarding Protestant's concerns about the proposed unit operations. At the hearing, Protestant stated that he was satisfied that the parties will be able to reach a good-faith settlement of his objections to the Request for Agency Action. Protestant did not appear at the October 28, 1992, hearing.

27. Unit operations for the Green River Formation and secondary recovery operations for the Douglas Creek Member in the Boundary Unit area are necessary to fulfill the provisions of Chapter 6 of Title 40 of *Utah Code Annotated*.

#### CONCLUSIONS OF LAW

28. Due and regular notices of the time, place, and purposes of the July 22, 1992, hearing and of the October 28, 1992, hearing were given to all interested parties and all owners or operators and surface owners within one-half mile of the Boundary Unit area in the form and manner and within the time required by law and the Rules and Regulations of the Board. Due and regular notices of the filing of the Request for Agency Action and Amended Petition to Amend Order were given to all interested parties and to all owners or operators and surface owners within one-half mile of the proposed Boundary Unit area, in the form and manner and within the time required by law and the Rules and Regulations of the Board.

29. The Board has jurisdiction over all matters covered by the Request for Agency Action and Amended Petition to Amend Order herein pursuant to Sections 40-6-7

and 40-6-8 of *Utah Code Annotated*, and has power and authority to make and promulgate the order herein set forth.

30. Unit operations in the Green River Formation and secondary recovery operations in the Douglas Creek Member as proposed for the Boundary Unit are in the public interest and promote conservation, will increase ultimate recovery, will prevent waste, and will protect correlative rights.

31. Unit and secondary operations for the Boundary Unit are reasonably necessary to fulfill the purposes of Chapter 6 of Title 40 of *Utah Code Annotated*.

32. The proposed Unit Agreement and Unit Operating Agreement introduced at October 28, 1992, hearing as Exhibits 3 and 4 contain all of the required statutory provisions set forth in Section 40-6-8, *Utah Code Annotated*.

33. The plan of development contained in the Engineering and Geological Report introduced at the July 22, 1992, hearing as Exhibit 1 will accomplish the goals of the secondary recovery unit.

34. Protestant's objection was filed untimely pursuant to *U.A.C.* Rule R641-104-141. Protestant's objection raises only matters regarding disputes over surface uses. The Board does not have jurisdiction to regulate disputes over surface uses, and no ruling is made in connection with any such dispute.

## ORDER

IT IS THEREFORE ORDERED that:

1. The Green River Formation, as defined in paragraph 4 of the Findings of Fact herein, underlying the lands described in paragraph 3 of the Findings of Fact herein, constitutes a pool for the operation of a unit and the Board hereby establishes the same as a pool to be operated as a unit for the continued operation of all wells thereon. The lands and pool shall be known as the Boundary Unit area.

2. The unit hereby established shall be known as the Boundary Unit.

3. The Douglas Creek Member of the Green River Formation, as further defined in paragraph 5 of the Findings of Fact herein, constitutes a pool for the operation of a water flood secondary recovery project and the Board hereby establishes the same to be operated as a unit for secondary recovery operations.

4. The Unit Agreement and the Unit Operating Agreement, and all attachments thereto introduced and received at the October 28, 1992, hearing, are hereby approved.

5. The plan of operations set forth in the Engineering and Geological Report is hereby approved.

6. Any owner of working interests or operating rights who does not voluntarily commit his interest to the Boundary Unit shall be a "non-consenting owner" and shall be deemed to have contracted with the unit operator for his proportionate part of the

cost of developing and operating the Unit Area in accordance with Section 40-6-8(3)(e) of *Utah Code Annotated*.

7. The allocation formula described in the Unit Agreement and the Unit Operating Agreement is hereby approved.

8. State-wide field or well location and siting rules affecting the subject lands and formations are hereby suspended to the extent said orders or rules are inconsistent with this Order.

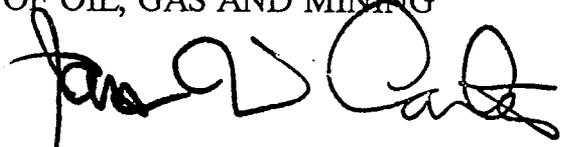
9. This Order does not waive jurisdiction of the Board over the Underground Injection Control (UIC) program with respect to the injection wells contemplated for the Boundary Unit area, and expressly directs Lomax to comply with all requirements and procedures of the UIC program.

10. The underground injection program proposed by Lomax in connection with the said secondary recovery project is hereby approved.

11. The Board retains jurisdiction over the subject matter and the parties for purposes of considering any amendments or revisions to the plan of operations, the Unit Agreement, the Unit Operating Agreement, and the lands affected by the unit.

ENTERED THIS 5<sup>th</sup> day of November, 1992.

STATE OF UTAH  
BOARD OF OIL, GAS AND MINING

By: 

James W. Carter  
Chairman



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 24, 1993

Lomax Exploration Company  
P. O. Box 1446  
Roosevelt, Utah 84066

Gentlemen:

Re: Boundary Federal #10-20 Well, 2009 feet from the south line, 1980 feet from the east line, NW 1/4 SE 1/4, Section 20, Township 8 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements, and in conformance with the Board of Oil, Gas and Mining Amended Order in Cause No. 225-1 dated November 5, 1992, approval to drill the referenced well is hereby granted.

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2  
Lomax Exploration Company  
Boundary Federal #10-20 Well  
March 24, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31380.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ots  
Enclosures  
cc: Bureau of Land Management  
Duchesne County Assessor  
J.L. Thompson  
WOI1

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX EXPLORATION 43-013-31380

WELL NAME: BOUNDRY FEDERAL 10-20

Section 20 Township 8S Range 17E County DUCHESNE

Drilling Contractor CHANDLER

Rig # 7

SPUDDED: Date 4/9/93

Time 2:00 PM

How DRY HOLE

Drilling will commence + - 4/13/93

Reported by LUCI

Telephone # 1-722-5103

Date 4/12/93 SIGNED JLT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
LOMAX EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P.O. Box 1446, W. Poleline Rd., Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
2009' FSL 1980' NW/SE  
At proposed prod. zone  
43-013-31380

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10.2 miles from Myton

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
2009'

16. NO. OF ACRES IN LEASE  
1563.72

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.  
670'

19. PROPOSED DEPTH  
6400'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5283.6 GR

22. APPROX. DATE WORK WILL START\*  
April 10, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	216 sks Glass "G" + 2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	17#	TD	350 sks Hilift + additives followed by 430 sks of 50/50 Poz/G

RECEIVED

APR 12 1993

DIVISION OF  
OIL GAS & MINING

RECEIVED

MAR 19 1993

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

24. SIGNED Bro McLean TITLE Regional Production Mgr. DATE 3/17/93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE APR 8 1993  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL  
See Instructions 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.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Lomax Exploration Company Well No. Federal 10-20  
Location NWSE, Section 20, T8S, R17E Lease No. U - 50376

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The 3000# pressure rated BOP that was identified and the related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall be set at a minimum of 350 feet and shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by either having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at  $\pm$  2024 ft.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

At a minimum, a cement bond log (CBL) will be run from the production casing shoe to  $\pm$  1824 ft. or and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

At a minimum, the Dual Lateral Log will be run from total depth to the base of the surface casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

## 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

## CONDITIONS OF APPROVAL

1. Methods for Handling Waste Disposal

To protect an irrigation canal and agricultural lands, there will be no unlined production pits constructed on this location.

2. Plans for Restoration of Surface

After the reserve pit is reclaimed, if the protective berms are removed, new 24" berms will be built on the south and east sides of the new producing location, to protect the public irrigation canal. All berms will be soil compacted.

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



April 13, 1993

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Lisha Romero

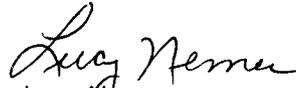
RE: **Entity Action Form**  
**Boundary Federal #10-20**  
NW/SE Section 20, T8S, R17E  
Duchesne Co., UT

Dear Lisha,

Enclosed is a completed "Entity Action Form" for the Boundary Federal #10-20, referenced above.

If you have any questions please feel free to contact me in the Roosevelt office at 801-722-5103.

Sincerely,

  
Lucy Nemecek  
Engineering Secretary

/ln  
GOVT/ENTITY.LTR

Enclosure

**RECEIVED**

APR 15 1993

DIVISION OF  
OIL GAS & MINING

# RECEIVED

DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

APR 15 1993

OPERATOR Lomax Exploration Company

OPERATOR ACCT. NO. 11 0580 \*

ADDRESS P.O. Box 1446

DIVISION OF  
OIL GAS & MINING

Roosevelt, UT 84066

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	11474	43-013-31380	Boundary Federal #10-20	NW/SE	20	8S	17E	Duchesne	04/09/93	

WELL 1 COMMENTS:

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See Instructions on back of form)

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

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

Lucy Neme  
Signature  
Engineering Secretary 4/13/93  
Title Date

Phone No. (801) 722-5103

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



April 14, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed a copy of the "Sundry Notice and Report on Wells" notice of intent to deviate from the APD for the above referenced location.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

Lucy Nemecek  
Engineering Secretary

\n  
GOVT\FDSN.LTR

Enclosure

**RECEIVED**

APR 15 1993

DIVISION OF  
OIL GAS & MINING

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.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066 801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T3S, R17E

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 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.)

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.)\*

Lomax Exploration Company requests approval to deviate from the APD regarding cementing of the 5-1/2" casing as follows:

Lead Cement System: 282 sks Hilift, 12% D20, 1% D79, .75% D112, 5% D44 (bwow)  
.2% D46, 10# Sk D42. (Weight = 11.20 lb/gal)

Tail Cement System: 545 sks of 10-0 RFC (thixotropic), 10#/sk D42.  
(Weight = 14.20 lb/gal)

4/22/93  
*J. Matthews*

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

Signed *Bro. Medema* Title Regional Production Manager Date 4/14/93

(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.

\*See Instruction on Reverse Side

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



April 14, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed a copy of the "Sundry Notice and Report on Wells" notice of spudding of the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemeč".

Lucy Nemeč  
Engineering Secretary

\n  
GOVT\FDSN.LTR

Enclosure

**RECEIVED**

APR 15 1993

DIVISION OF  
OIL, GAS & MINING

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.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066 801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

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 type="checkbox"/> Other <u>Spud</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.)\*

Lomax Exploration Company reports that the Boundary Federal #10-20 was spudded @ 2:00 p.m. on 4/9/93. A 12-1/4" hole was drilled to 348' by Leon Ross Drilling. 348' of 8-5/8" 24# J-55 was set and cemented w/216 sks of Class "G" w/2% CaCl<sub>2</sub>.

Chandler Drilling Rig #7 will be moving and rigging up on 4/14/93.

**RECEIVED**

APR 15 1993

DIVISION OF  
OIL GAS & MINING

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

Signed Bob Medear

Title Regional Production Manager

Date 4/13/93

(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.

\*See Instruction on Reverse Side

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



April 20, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed a copy of the "Sundry Notice and Report on Wells" notice of an accident on the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lucy Nemec".

Lucy Nemec  
Engineering Secretary

\n  
GOVT\FDSN.LTR

Enclosure

**RECEIVED**

APR 21 1993

DIVISION OF  
OIL GAS & MINING

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.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066 801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

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>Accident - involving personal injury</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.)\*

Lomax Exploration reports the following accident on 4/17/93 involving personal injury.

On Saturday night (4/17/93) one of the Chandler rig hands was trying to start an engine using starter fluid. It was dark and apparently he did not realize the overspray had saturated his slicker. When he finished the job, he lit up a cigarette and ignited his clothing. He was transported to the hospital at that time.

RECEIVED

APR 21 1993

DIVISION OF  
OIL GAS & MINING

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

Signed Bob Mecklen

Title Regional Production Manager

Date 4/20/93

(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.

\*See instruction on Reverse Side

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

RECEIVED

APR 26 1993

DIVISION OF  
OIL GAS & MINING



April 22, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" weekly status report for the period 4/14 - 4/21/93 for the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Engineering Secretary

Vn  
GOVT\FDSN.LTR

Enclosure

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

RECEIVED

APR 26 1993

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066

801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

5. Lease Designation and Serial No.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, 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 Weekly Status  
 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.)\*

4/14/93 - MI & RU Chandler Drilling Rig #7. Start testing BOP's.

4/15 - 4/21/93- Finish testing BOP's & equipment (witnessed by Carol Kubley of BLM).  
Drill through cement. Drilling. Present depth 5740'.

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

Signed Kathy Newman

Title Engineering Secretary

Date 4/22/93

(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.

\*See Instruction on Reverse Side

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

**RECEIVED**

MAY 07 1993

DIVISION OF  
OIL GAS & MINING

May 3, 1993



Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

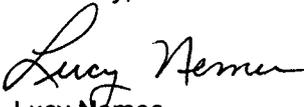
RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" weekly status report for the period 4/22/93 - 4/29/93 for the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

  
Lucy Nemecek  
Engineering Secretary

\n  
GOVT\FDSN.LTR

Enclosure

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.

**RECEIVED**  
MAY 07 1993

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. U-50376
2. Name of Operator LOMAX EXPLORATION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 1446, Roosevelt, UT 84066   801-722-5103	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E	8. Well Name and No. Boundary Federal #10-20
	9. API Well No. 43-013-31380
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parsh. State Duchesne County, 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>Weekly Status Report</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.)\*

4/22/93 - 4/23/93      Drilled to TD @ 6560'.  
4/24/93 - 4/27/93      Stuck in keyseat.  
4/28/93                  Logging w/Schlumberger.  
4/29/93                  Well P&A'd.

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

Signed Brooks Mechem      Title Regional Production Manager      Date 5/3/93

(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.

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

RECEIVED

MAY 07 1993

DIVISION OF  
OIL GAS & MINING



May 3, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" subsequent report of abandonment for the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Engineering Secretary

\n  
GOVT\FDSN.LTR

Enclosure

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

**RECEIVED**

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.

MAY 07 1993

5. Lease Designation and Serial No.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

DIVISION OF

OIL GAS & MINING

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066 801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, 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 checked="" 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 type="checkbox"/> Other _____
	<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.)\*

Lomax Exploration Company reports the Boundary Federal #10-20 was plugged on 4/29/93 as follows:

- 1) Plug #1 5300' - 5100' 89 sks Class "G" (Tagged @ 5057')
- 2) Plug #2 3650' - 3250' 162 sks Class "G"
- 3) Plug #3 \*460' - 260' 63 sks Class "G"
- 4) Plug #4 60' - Surface 75 sks Class "G"

\* First cement plug @ 456' fell. Slipped from shoe plug (between 560' & 1500')  
Repumped plug.

Chandler Rig #7 was released @ 12:00 a.m. on 5/1/93

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

Signed *Bob Mechem* Title Regional Production Manager Date 5/5/93

(This space for Federal or State office use)

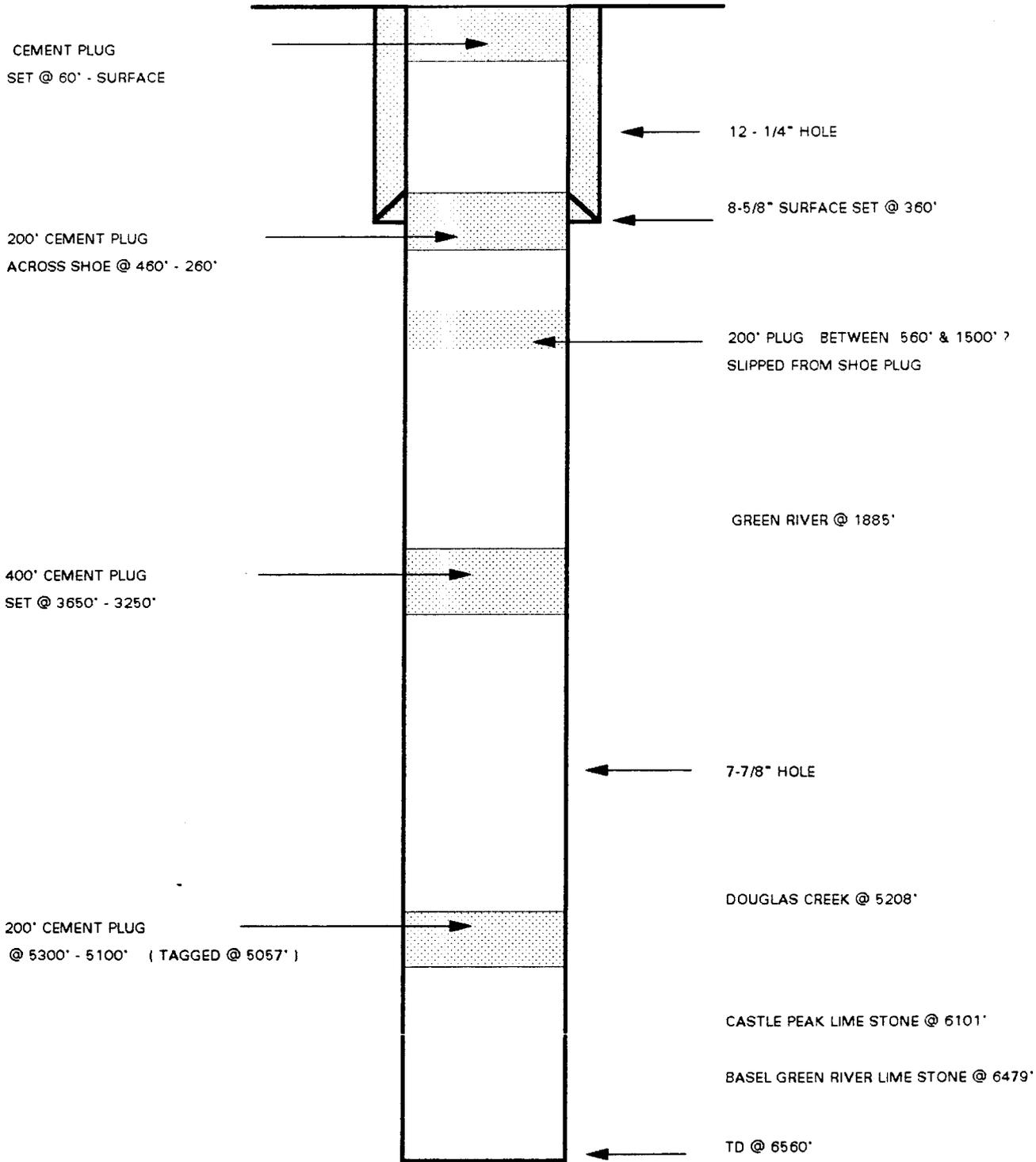
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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.

\*See instruction on Reverse Side

10-20P&A.DHD

BOUNDARY FED .10-20  
NW/SE SEC 20, T8S, R17E  
DUCHESNE CO. UTAH



BM 2-93

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

**RECEIVED**

MAY 24 1993

DIVISION OF  
OIL, GAS & MINING



May 21, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" subsequent report of abandonment for the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

Lucy Nemecek  
Engineering Secretary

\n  
GOVT\10-20FDS.LTR

Enclosure

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.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

**RECEIVED**

MAY 24 1993

DIVISION OF  
OIL GAS & MINING

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066

801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

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 checked="" 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 type="checkbox"/> Other _____
	<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.)\*

Lomax Exploration Company reports that per verbal approval from the BLM on 4/29/93, the wellhead was cut off 4' below the ground at the surface owners request and a plate was installed with the required well information.

Due to its location in cultivated ground, the location will be reseeded and farmed.

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

Signed

*[Signature]*

Title

Regional Production Manager

Date

5/17/93

(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.

\*See Instruction on Reverse Side

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

CONFIDENTIAL



May 27, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, Utah

Gentlemen:

Please find enclosed the completed "Well Completion Report" for the above referenced location. Also enclosed are copies of the Litho-Density Compensated Neutron Log and the Dual Laterolog Micro-SFL Log.

If you have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

Lucy Nemecek  
Engineering Secretary

/ln  
GOVT\FDCOMP.LTR

Enclosures

RECEIVED

JUN 01 1993

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

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  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 1446, Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2009' FSL 1980' FEL NW/SE  
At top prod. interval reported below  
At total depth

**CONFIDENTIAL**  
**DEGRAVED**  
JUN 01 1993  
DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO. 43-013-31380 DATE ISSUED 3/14/93

5. LEASE DESIGNATION AND SERIAL NO.

U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Boundary Federal

9. WELL NO.

#10-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 20, T8S, R17E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 4/9/93 16. DATE T.D. REACHED 4/23/93 17. DATE COMPL. (Ready to prod.) P&A 4-29-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5283.6 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6560' 21. PLUG. BACK T.D., MD & TVD P&A 22. IF MULTIPLE COMPL., HOW MANY\* → 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN Litho-Density Compensated Neutron Log, Dual Laterolog Micro-SFL Log 27. WAS WELL CORDED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	354.51	12-1/4"	250 sks Class "G" + 1/4#/sk celloflake	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
		P&A					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

LDCNL, DLL

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

SIGNED Bo McColm TITLE Regional Production Mgr DATE 5/20/93

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	4209'					
Douglas Creek	5208'					
D2	5286'					
B Limestone	5608'					
Castle Peak LS	6102'					
Basal Green River LS	6480'					

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

**RECEIVED**

JUN 14 1993

DIVISION OF  
OIL GAS & MINING



June 11, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" request for confidential status for the Boundary Federal #10-20, referenced above.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

Lucy Nemecek  
Engineering Secretary

\n  
GOVT\10-20FDS.LTR

Enclosure

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

RECEIVED

JUN 14 1993

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

DIVISION OF  
OIL GAS & MINING

3. Address and Telephone No.

P.O. Box 1446, Roosevelt, UT 84066

801-722-5103

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

2009' FSL 1980' FEL NW/SE Section 20, T8S, R17E

5. Lease Designation and Serial No.

U-50376

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Boundary Federal #10-20

9. API Well No.

43-013-31380

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, 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>Confidential Status</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.)\*

LOMAX EXPLORATION COMPANY requests that the Boundary Federal #10-20 be placed on CONFIDENTIAL STATUS.

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

Signed [Signature] Title Regional Production Manager Date 6/10/93

(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.

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



June 29, 1993

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Vicky Carney

RE: Boundary Federal #10-20  
NW/SE Section 20, T8S, R17E  
Duchesne County, Utah

Dear Vicky,

Enclosed are copies of the Litho-Density Compensated Neutron Log and Dual Laterolog Micro-SFL log for the above referenced well. These evidently were not sent with the well completion report and I apologize for the delay in sending them to you.

If you have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemeec".

Lucy Nemeec  
Engineering Secretary

/ln  
GOVT\FDCOMP.LTR

Enclosures 2

RECEIVED

JUL 6 1 1993

DIVISION OF  
OIL GAS & MINING