

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  WATER SANDS  LOCATION INSPECTED  SUB REPORT/abd

\* Commenced Injection 10-15-93  
 Confidential Status Expired 2-2-94

DATE FILED **8-31-92**  
 LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO **U-68528A** INDIAN  
 DRILLING APPROVED: **9-22-92**  
 SPUDDED IN: **10-5-92**  
 COMPLETED: **1-2-93 POW** PUT TO PRODUCING: **1-2-93**  
 INITIAL PRODUCTION: **126 BOPD, 135 MCF, 2 BWPD**  
 GRAVITY A.P.I.  
 GOR.  
 PRODUCING ZONES: **50410-5598 (GREV)**  
 TOTAL DEPTH: **6190'**  
 WELL ELEVATION: **5017.6 GR**  
 DATE ABANDONED:  
 FIELD: **MONUMENT BUTTE**  
 UNIT: **TRAVIS UNIT**  
 COUNTY: **DUCHESNE**  
 WELL NO: **FEDERAL 14A-28** API NO. **43-013-31372**  
 LOCATION **107' FSL** FT. FROM (N) (S) LINE. **2273' FWL** FT. FROM (E) (W) LINE. **SE SW** 1/4 - 1/4 SEC **28**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<b>8S</b>	<b>16E</b>	<b>28</b>	<b>LOMAX EXPLORATION CO.</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

3. NAME OF OPERATOR  
 LOMAX EXPLORATION COMPANY

4. ADDRESS OF OPERATOR  
 801-722-5103  
 P.O. Box 1446, Roosevelt, UT 84066

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 2273' FWL 107' FSL SE/SW  
 At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10 miles south of Myton, Utah

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 107'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 662'

9. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5617.6' GR

10. LEASE DESIGNATION AND SERIAL NO.  
 U-68528A

11. IF INDIAN, ALLOTTEE OR TRIBE NAME

12. UNIT AGREEMENT NAME  
 Travis Unit

13. FARM OR LEASE NAME  
 Federal

14. WELL NO.  
 #14A-28

15. FIELD AND POOL OR WILDCAT  
 Undesignated

16. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 28, T8S, R16E

17. COUNTY OR PARISH  
 Duchesne

18. STATE  
 Utah

19. 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 sx Class "G" + 2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	17#	TD	616 sx Hilift followed by 529 sx Class "G" + 2% CaCl <sub>2</sub>

LOMAX EXPLORATION COMPANY requests an exception location allowing this well to be drilled on a twenty acre spacing.

**CONFIDENTIAL**

**RECEIVED**

AUG 31 1992

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.

SIGNED Brad Mecham TITLE Regional Prod. Manager DATE \_\_\_\_\_

(This space for Federal or State office use)

PERMIT NO. 43-013-31376

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

DATE: 9-22-92  
 BY: JAN Matthews

CONDITIONS OF APPROVAL, IF ANY:

WELL SPACING: 649-2-3

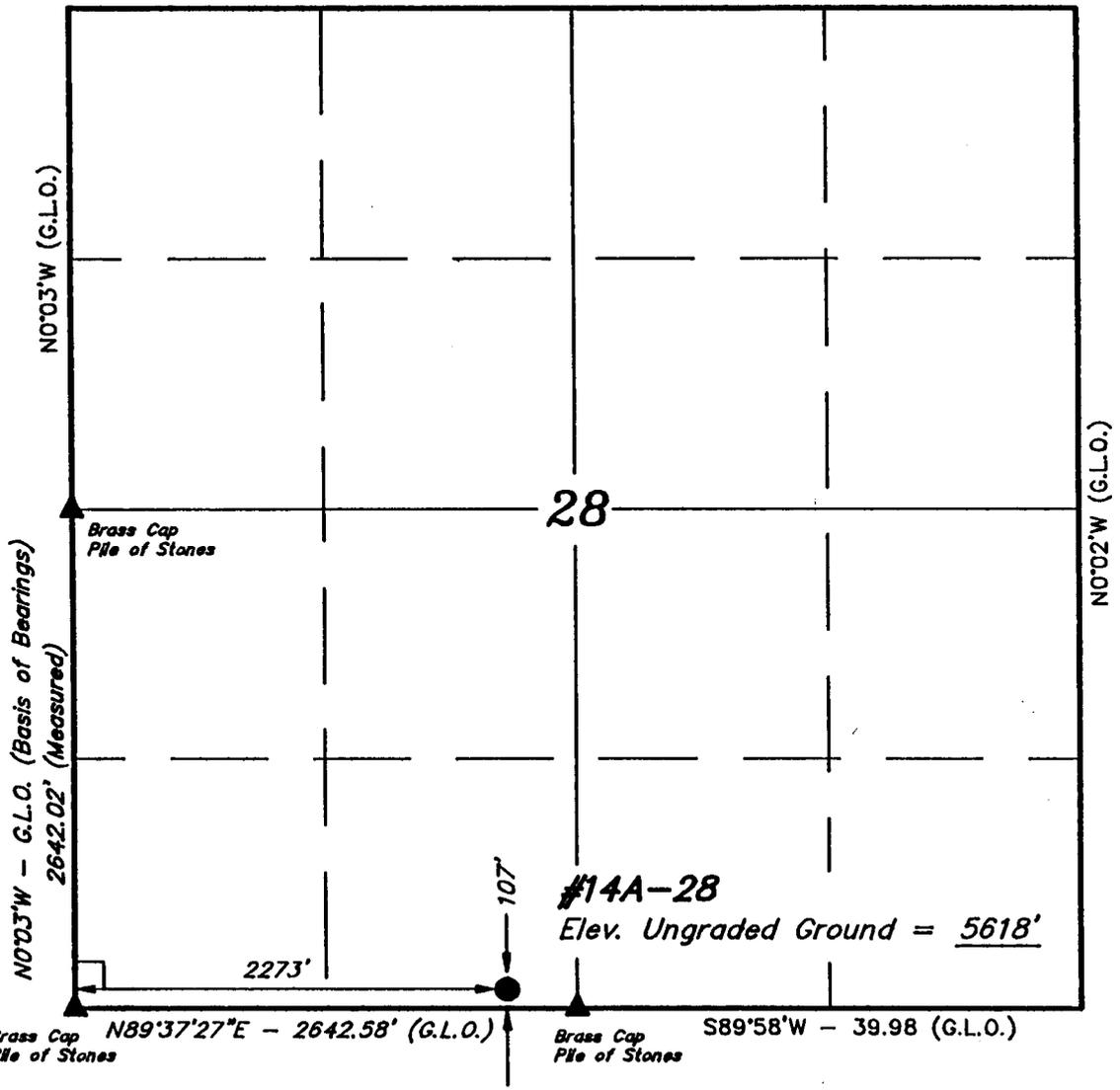
\*See Instructions On Reverse Side

LOMAX EXPLORATION CO.

T8S, R16E, S.L.B.&M.

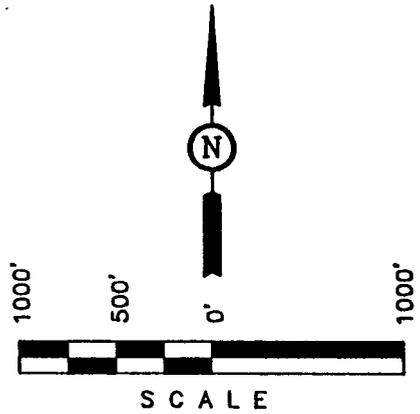
Well location, #14A-28, located as shown in the SE 1/4 SW 1/4 of Section 28, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

S89°50'W - 79.90 (G.L.O.)



BASIS OF ELEVATION

SPOT ELEVATION IN THE SW 1/4 OF SECTION 28, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, 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 5647 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 C. Young*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 8-12-92	DATE DRAWN: 8-18-92
PARTY J.F. C.Y. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE LOMAX EXPLORATION CO.	

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

TEN POINT WELL PROGRAM

LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SE/SW Section 28, T8S, R16E  
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 3030
Green River	3030
Wasatch	6070

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

Green River	5570 - Oil
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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 10" Series 900 Hydir1 Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOP's will be checked daily.  
(See Exhibit E)

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.

W. MONUMENT BUTTE FEDERAL #14A-28

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.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. However, a wireline BHP test will be taken in the Lower Douglas Creek reservoir. The logging will consist of Dual Induction Laterolog and a Compensated Neutron-Formation Density, Formation Microscan and NMR Logs. Coring will include full diameter core in the Lower Douglas Creek reservoir and rotary diamond sidewall cores will be taken in other prospective reservoirs. Logs will run from PBD to 3500'. The cement bond log will be run 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 operations will commence in September, 1992.

**LOMAX EXPLORATION COMPANY  
TRAVIS UNIT  
FEDERAL #14A-28  
SE/SW SECTION 28, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT SURFACE USE PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A".

To reach LOMAX EXPLORATION COMPANY well location site West Monument Butte Federal #14A-28 located in the SE 1/4 SW 1/4 Sec. 28, T8S, R16E S.L.B. & M, Duchesne County Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 9.1 miles to its junction with an existing dirt road to the northeast; proceed northeasterly along this road 1.7 miles to its junction with the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point 3.5 miles south on Highway 53; 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 NE 1/4 Section 33, T8S, R16E, S.L.B. & M., and proceeds in a northwesterly direction approximately 0.1 miles to the proposed location site.

**LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SEC. 28, T8S, R16E, S.L.B. & M.**

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.

There will be no culverts required along this access road. There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

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

**3. LOCATION OF EXISTING WELLS.**

There are five producing, one injection, and two dry hole LOMAX EXPLORATION wells, eight producing PG&E wells and one dry hole Robert Schick 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 transported through a temporary pipeline from our fresh water supply line located at the W. Monument Butte Federal #15-28 (SW/SE Sec. 28, T8S, R16E) location.

**LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SEC. 28, T8S, R16E, S.L.B. & M.**

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"

A reserve pit will be constructed so as not to leak, break, or allow discharge.

A plastic nylon reinforced liner will be used. 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.

**LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SEC. 28, T8S, R16E, S.L.B. & M.**

**9. WELL SITE LAYOUT**

See attached Location Layout Sheet. Exhibit "E"

The reserve pit will be located on the southeast corner.

The flare pit will be located downwind of the prevailing wind direction on the south corner, 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 northeast side near Stake #3.

Access to the well pad will be from the south near Stake #7.

**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.
- b) 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.

**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

**LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SEC. 28, T8S, R16E, S.L.B. & M.**

for production.

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

The plastic nylon reinforced liner 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 encountered to the approximate natural contours. The reserve pit will be reclaimed within 120 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.

When the drilling & completion phase ends, reclamation of unused disturbed areas on the 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. The following seed mixture will be used:

Pure Live Seed (PLS)		Seed Mix
<u>lbs./acre</u>		
1	Forage Kochia (Kochia Prostrata)	
5	Ephriam Crested Wheatgrass (Agropyron Cristatum Ephriam)	
4	Russiam Wildrye (Elymus Junceus)	
2	Fourwing Saltbush (Atriplex Canescens)	

**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--BUREAU OF LAND MANAGEMENT**

**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

**LOMAX EXPLORATION  
WEST MONUMENT BUTTE FEDERAL #14A-28  
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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 wellsite 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.

There are no dwellings or facilities in the general area. There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site.

Additional Surface Stipulations

The previously constructed silt catchment dam and basin, approximately 200' downstream from the location, will have the silt cleaned out and pushed up on the existing dam.

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.

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  
WEST MONUMENT BUTTE FEDERAL #14A-28  
SEC. 28, T8S, R16E, S.L.B. & M.**

**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

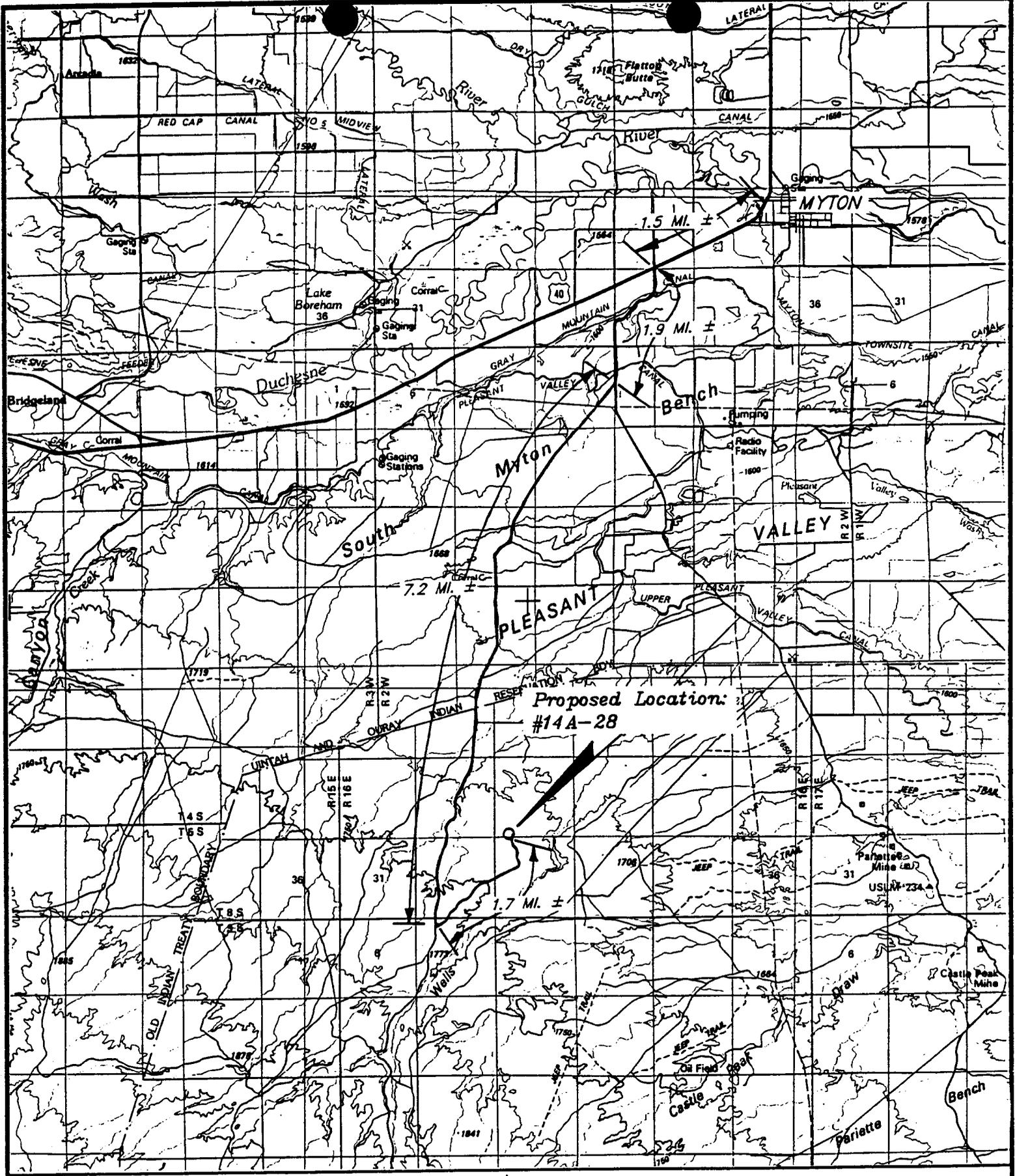
Certification

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of well #14A-28; SE 1/4 SW 1/4 Section 28, Township 8 South, Range 16 East; Lease U-68528-A; 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 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.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Brad Mecham  
Regional Production Manager



TOPOGRAPHIC  
MAP "A"

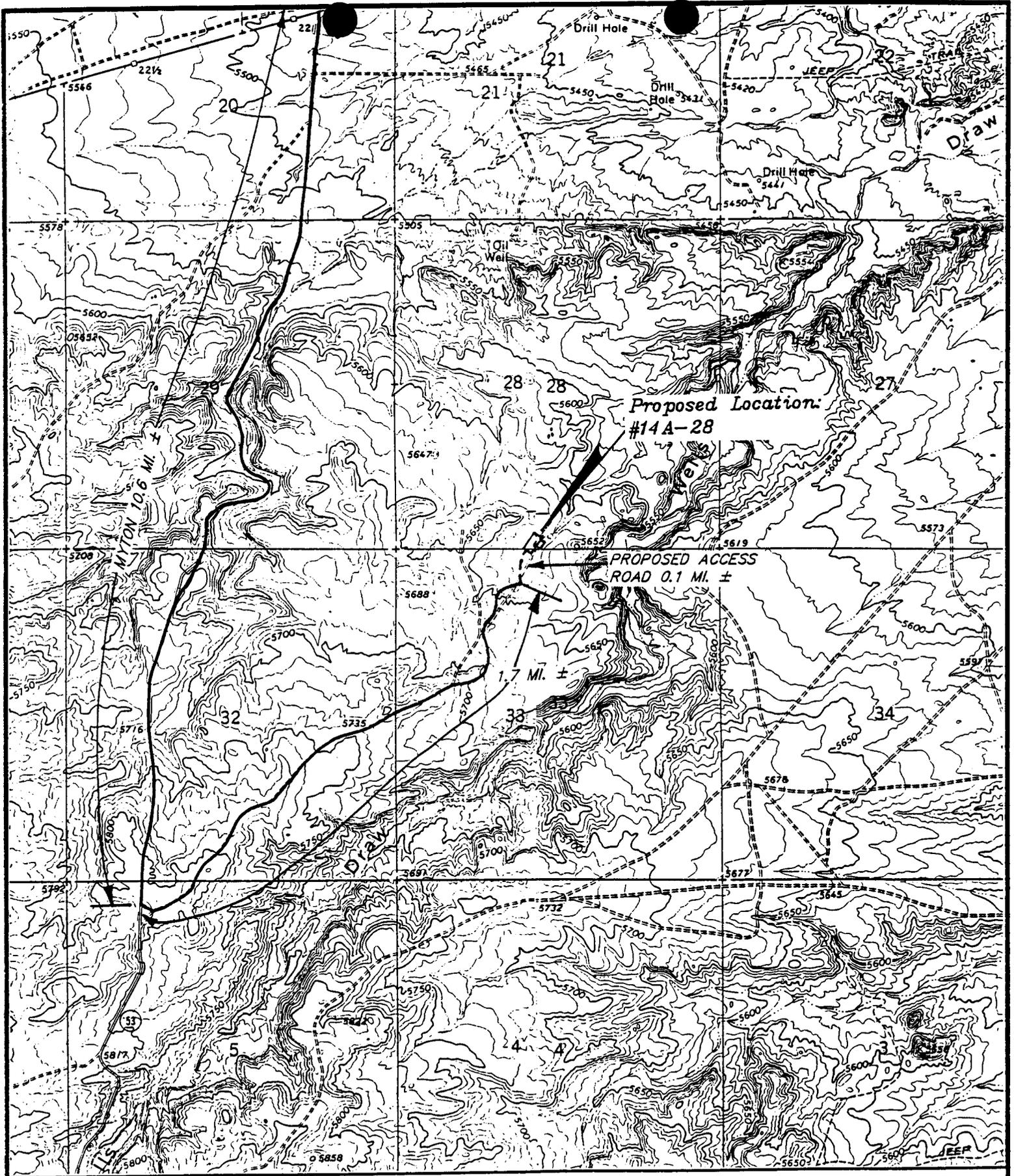
DATE 8-17-92 J.L.G.



**LOMAX EXPLORATION CO.**

#14A-28

SECTION 28, T8S, R16E, S.L.B.&M.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE 8-17-92 J.L.G.



**LOMAX EXPLORATION CO.**  
 #14A-28  
 SECTION 28, T8S, R16E, S.L.B.&M.

POWER LINE

JOHNSON WATER LINE

R 2 W

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  
Sheep Corral  
Cistern

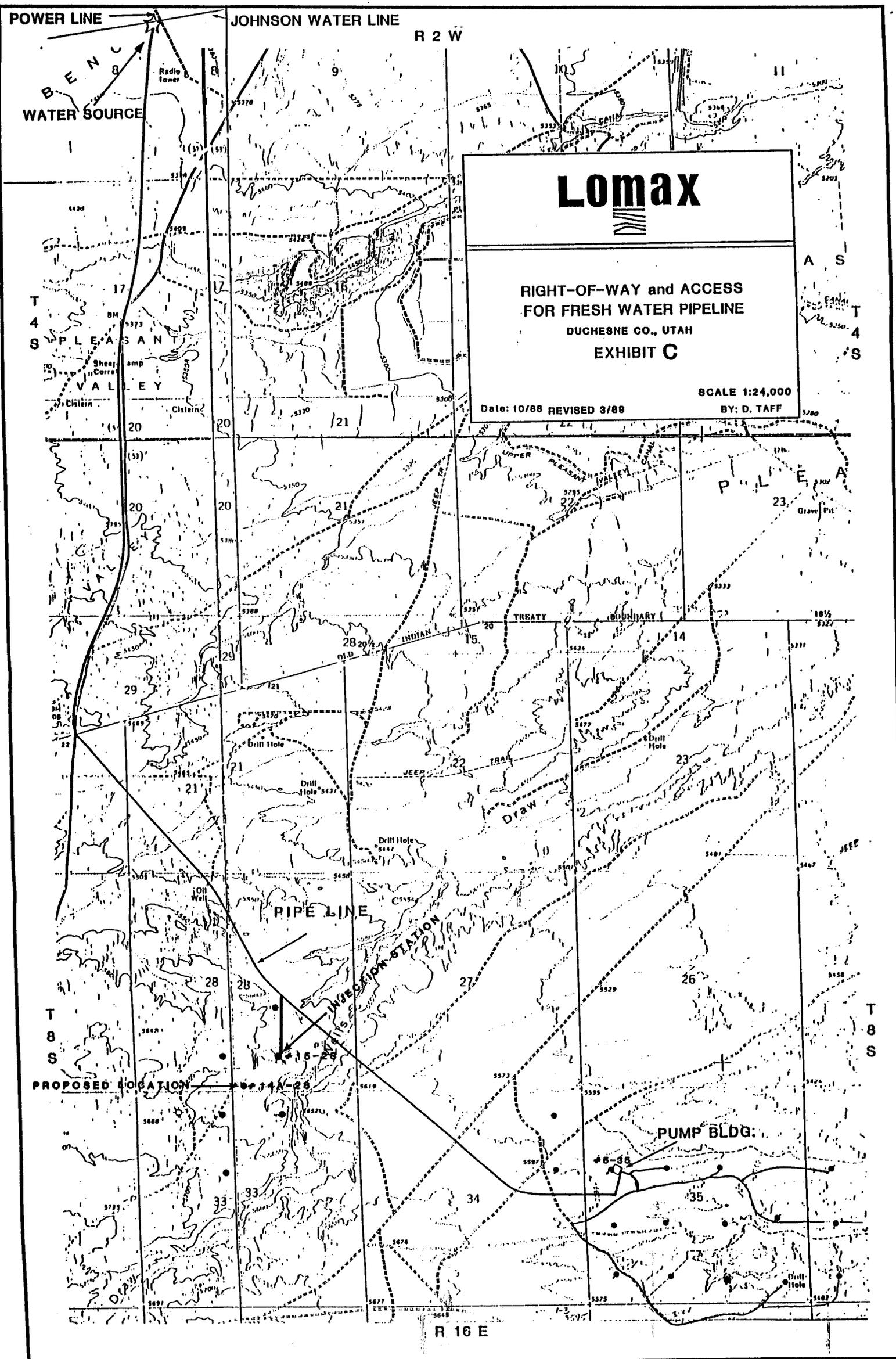
T 8 S  
PROPOSED LOCATION

PIPE LINE

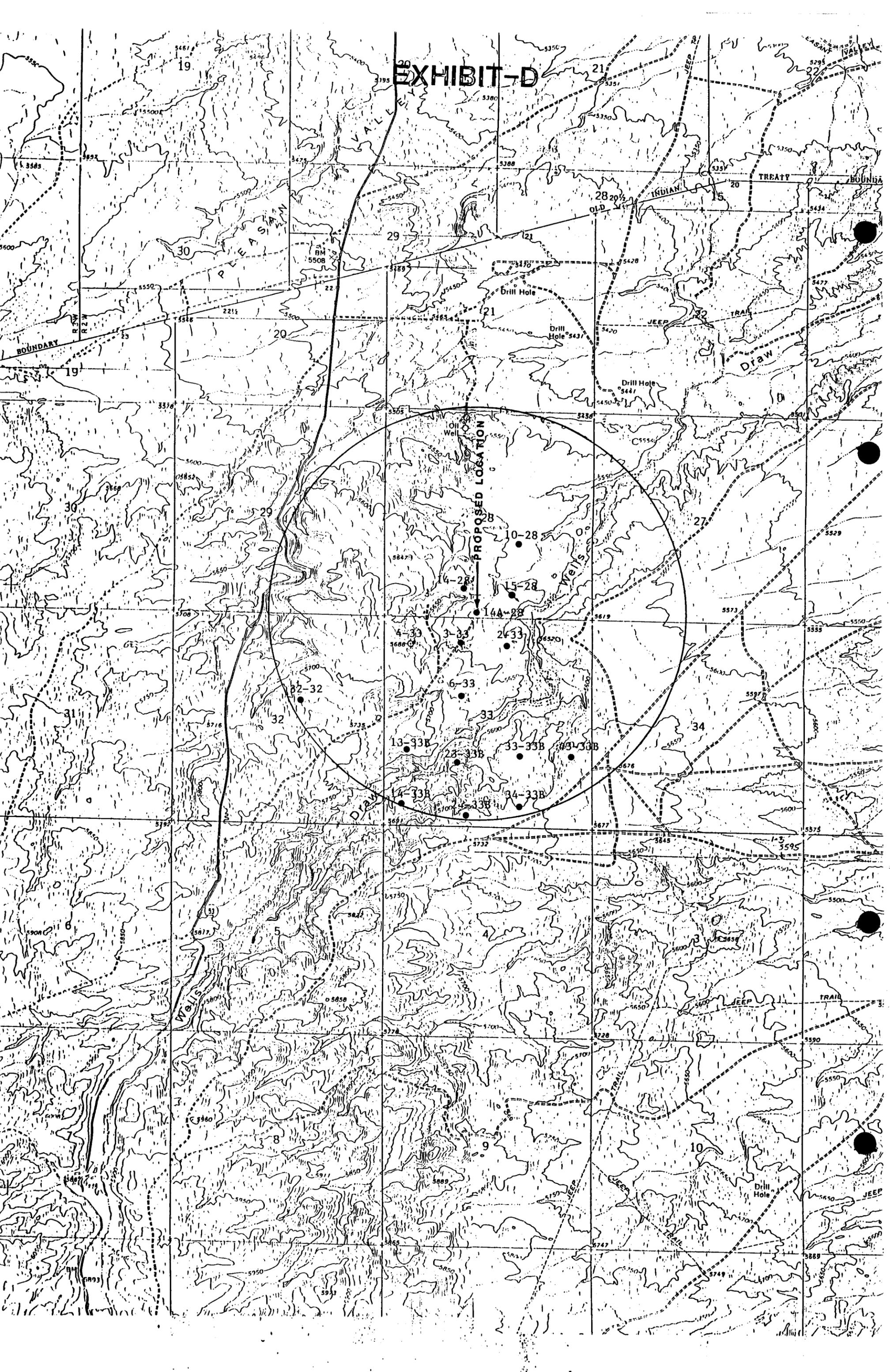
INJECTION STATION

PUMP BLDG.

R 16 E

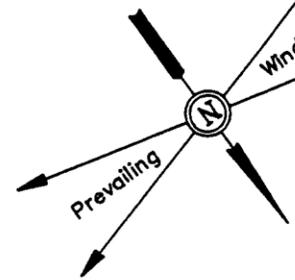
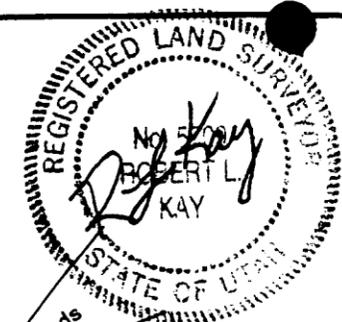


# EXHIBIT-D



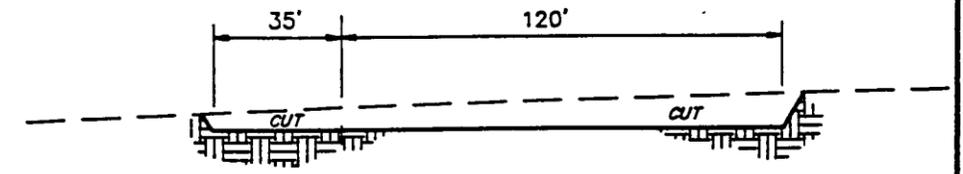
LOMAX EXPLORATION CO.  
LOCATION LAYOUT FOR

#14A-28  
SECTION 28, T8S, R16E, S.L.B.&M.  
EXHIBIT E

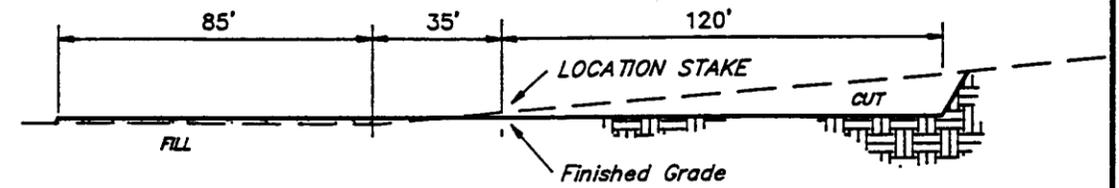


SCALE: 1" = 50'  
DATE: 8-13-92  
Drawn By: J.L.G.

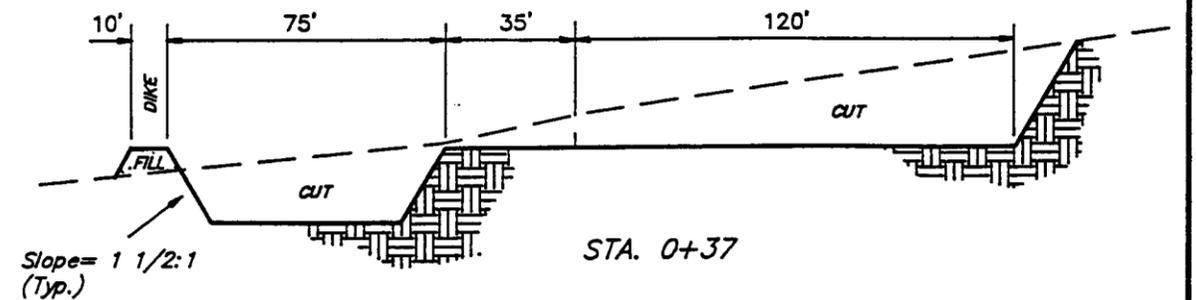
X-Section Scale  
1" = 20'  
1" = 50'



STA. 3+00

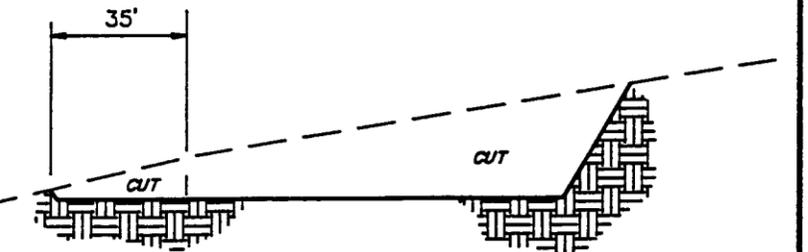


STA. 1+50



STA. 0+37

Slope = 1 1/2:1 (Typ.)



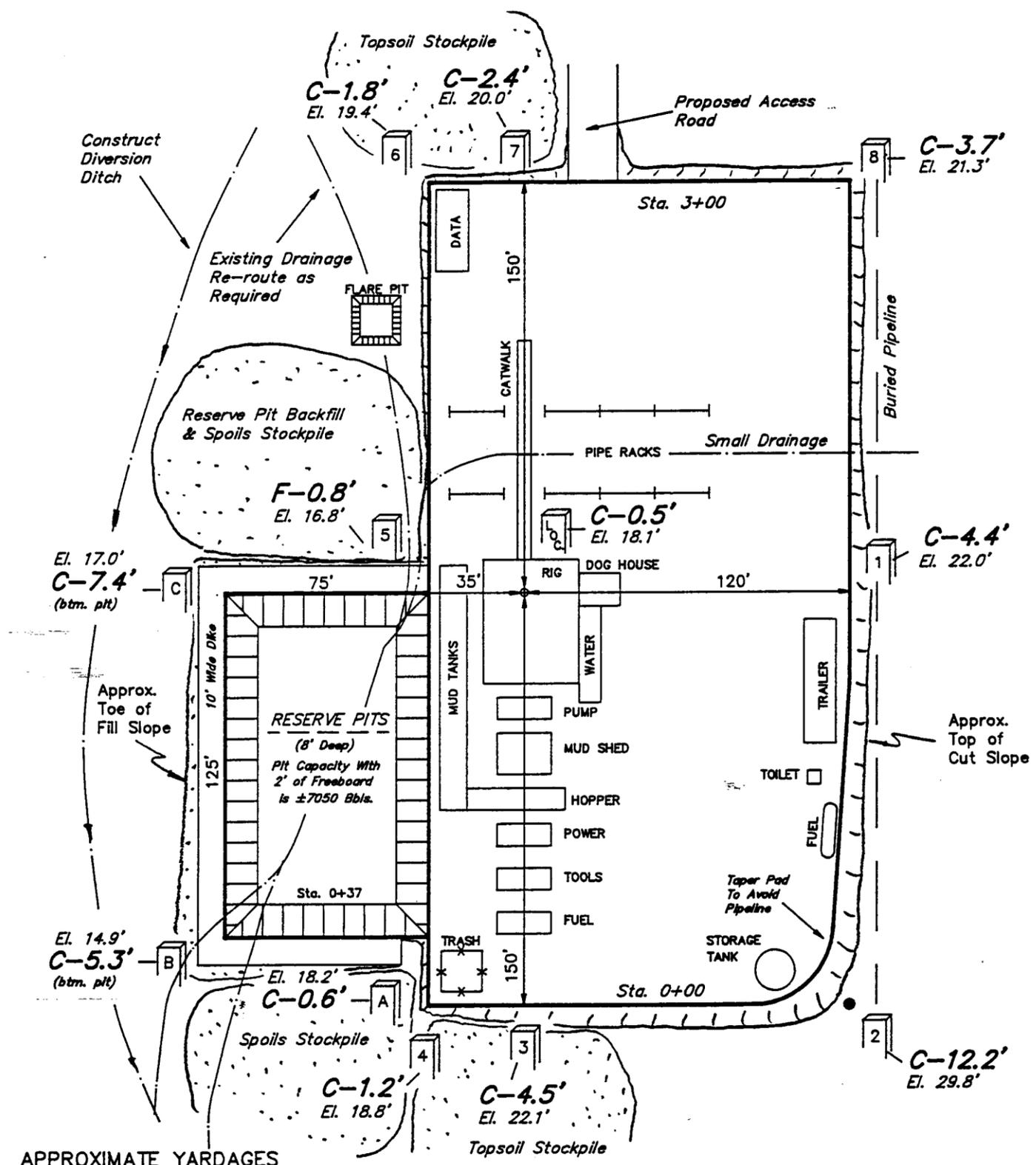
STA. 0+00

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 5618.1'

Elev. Graded Ground at Location Stake = 5617.6'

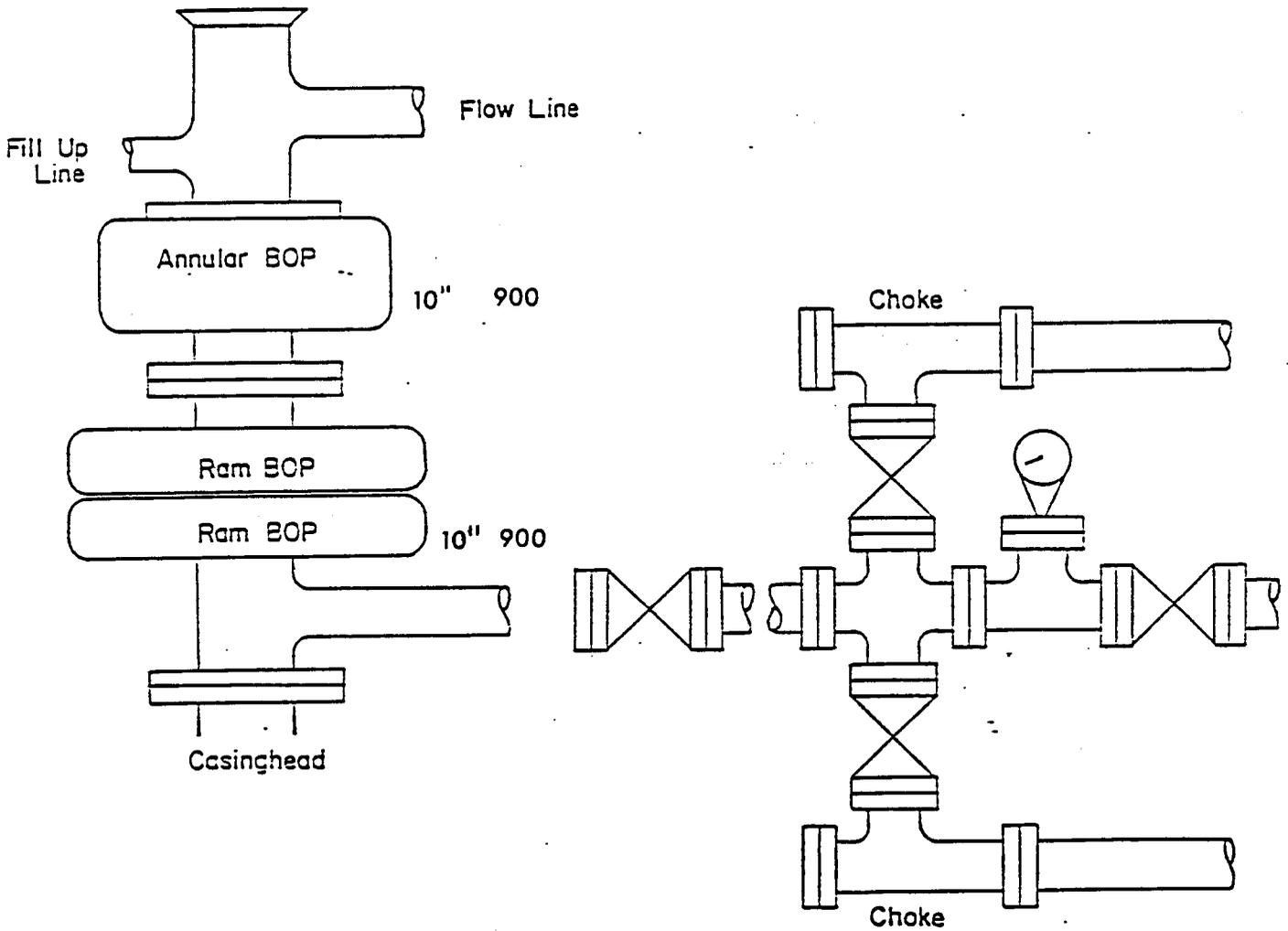
UINTAH ENGINEERING & LAND SURVEYING  
86 So. 200 East Vernal, Utah



APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,030 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 7,640 Cu. Yds.
Remaining Location	= 7,170 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,090 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,200 CU.YDS.</b>	EXCESS UNBALANCE (After Rehabilitation)	= 5,550 Cu. Yds.
<b>FILL</b>	<b>= 530 CU.YDS.</b>		

EXHIBIT F



ALL EQUIPMENT 3000 PSI OR HIGHER WORKING PRESSURE

Lomax Exploration Company

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



August 28, 1992

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  
Travis Unit  
Federal #14A-28  
SE/SW Section 28, T8S, R16E  
Duchesne County, Utah

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 that reads "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln

Enclosures

RECEIVED

AUG 31 1992

DIVISION OF  
OIL GAS & MINING

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 08/31/92

OPERATOR: LOMAX EXPLORATION COMPANY  
WELL NAME: FEDERAL 14A-28

OPERATOR ACCT NO: N-0580

API NO. ASSIGNED: 43-013-31370

**CONFIDENTIAL**

LEASE TYPE: FED LEASE NO: D-68508A  
LOCATION: SESW 28 - T08S - R16E DUCHESNE COUNTY  
FIELD: MONUMENT BUTTE FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

- Plat
- Bond  
(Number federal)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
(Number no permit)
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

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

COMMENTS:

Included in 90 POD per Marie BDM 9-20-90

STIPULATIONS:

1- water permit needed

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 2-2-94



# 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

September 22, 1992

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

Gentlemen:

Re: Federal #14A-28 Well, 107 feet from the south line, 2273 feet from the west line, SE 1/4 SW 1/4, Section 28, Township 8 South, Range 16 East, Duchesne County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Submittal to the division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. § 73-3, Appropriations, prior to commencing drilling operations.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. 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.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.

Page 2  
Lomax Exploration Company  
Federal #14A-28 Well  
September 22, 1992

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

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

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 43-013-31372.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
J.L. Thompson  
WO11

Lomax Exploration Company

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

September 21, 1992



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" report for requesting Confidential Status of 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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.LTR

Enclosure

A rectangular stamp with the word "RECEIVED" in a bold, blocky, sans-serif font. The stamp is slightly tilted and has a textured, ink-like appearance.

SEP 23 1992

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.

SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

10. Field and Pool, or Exploratory Area

Undesignated

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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 that the Federal #14-28 be placed on CONFIDENTIAL STATUS.

RECEIVED

SEP 23 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Bob Medina

Title Regional Production Manager

Date 9/21/92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

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

September 21, 1992



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

RECEIVED

SEP 23 1992

DIVISION OF  
OIL, GAS & MINING

RE: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" report for notification of a change in drilling plans regarding the BOP specifications 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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.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.  
**SL-071572A Unit #68528A**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

**Travis Unit**

8. Well Name and No.

**Federal #14A-28**

9. API Well No.

10. Field and Pool, or Exploratory Area

**Undesignated**

11. County or Parish, State

**Duchesne County, UT**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**LOMAX EXPLORATION COMPANY**

3. Address and Telephone No. **801-722-5103**  
**P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2273' FWL 107' FSL SE/SW Section 28, T8S, R16E**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other \_\_\_\_\_
- Change of 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.)

Lomax Exploration Company hereby notifies the BLM of a change in drilling plans. We will be using an 8" BOP & an 8" double ram hydraulic unit with a closing unit. (See the attached exhibit.)

**RECEIVED**

**SEP 23 1992**

ACCEPTED BY THE STATE  
OFFICIAL DIVISION OF  
OIL, GAS, AND MINING

DATE: 9-24-92  
BY: [Signature]

DIVISION OF  
OIL, GAS & MINING

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

Signed [Signature]

Title Regional Production Manager

Date 9/21/92

(This space for Federal or State office use)

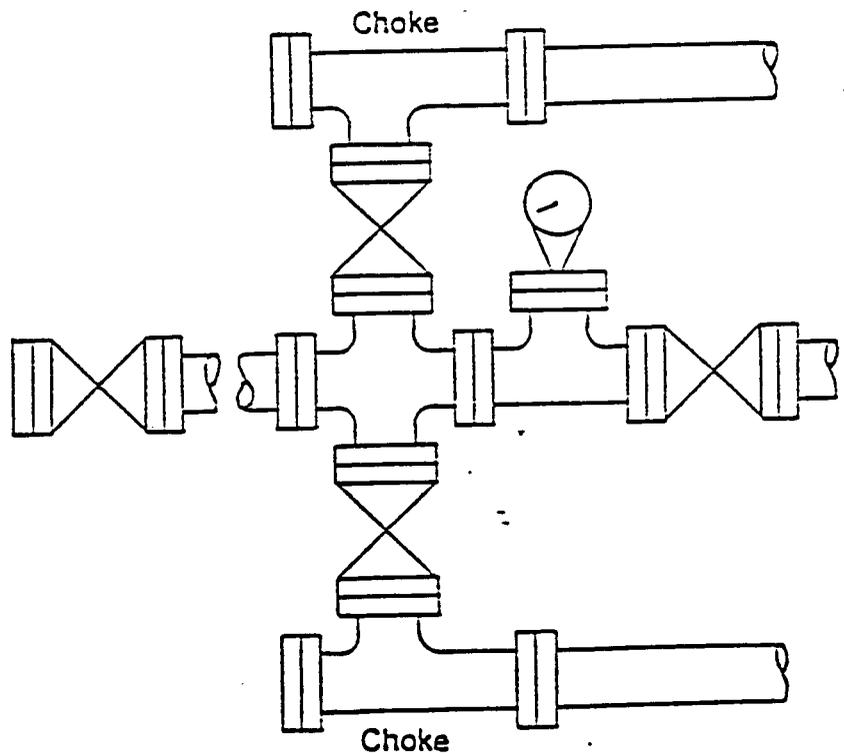
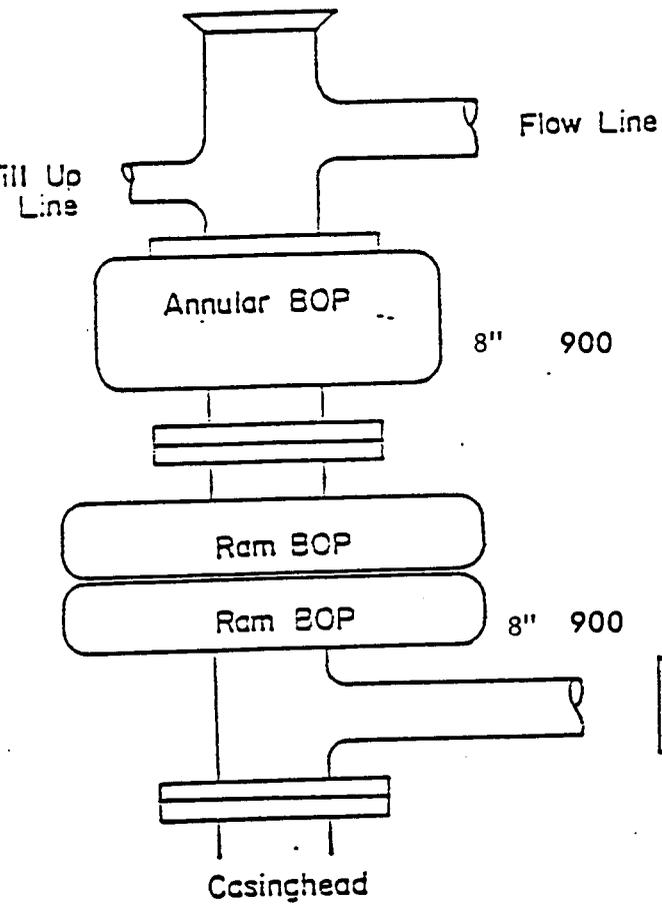
Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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



ALL EQUIPMENT 3000 PSI OR HIGHER WORKING PRESSURE

Lomax Exploration Company

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

September 30, 1992



Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ralph Brown

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

RE: Travis Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" report of a change in plans for storing topsoil 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 Nemec".

Lucy Nemec  
Secretary

/ln  
CORRES\FDSUNDRY.LTR

Enclosure

**RECEIVED**

OCT 02 1992

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.  
SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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. 801-722-5103

P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, 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 a change of plans for storing topsoil. On 9/28/92, we received verbal approval from Tom Dabbs, the acting area manager, to store topsoil on the southeast side of the location between Stakes 6 & 7 and on the southwest side between the access road and Stake 8. This is in addition to the location near Stake 3 mentioned in the APD.

RECEIVED

OCT 02 1992

DIVISION OF  
OIL, GAS & MINING

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

Signed

*John Toddell*

Title Field Foreman

Date 9/30/92

(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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
SL-071572A Unit #U-68528A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Travis Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#14A-28

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 28, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2273' FWL 107' FSL SE/SW  
At proposed prod. zone

43-012-31372

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

10 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 107'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

20

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

662'

19. PROPOSED DEPTH

6400'

20. ROTARY OR CABLE TOOLS

Rotary

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

5617.6' GR

22. APPROX. DATE WORK WILL START\*

Sept, 1992

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 sx Class "G" + 2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	17#	TD	616 sx Hilift followed by 529 sx Class "G" + 2% CaCl <sub>2</sub>

LOMAX EXPLORATION COMPANY requests an exception location allowing this well to be drilled on a twenty-acre spacing.

RECEIVED

OCT 05 1992

RECEIVED

SEP 09 1992

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 Brad Mechem TITLE Regional Prod. Manager DATE 8/18/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature] CONDITIONS OF APPROVAL, IF ANY:

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

SEP 08 1992

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*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  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Lomax Exploration Company

Well Name & Number: 14A-28

Lease Number: SL-071572-A

Location: SESW Sec. 28 T. 8S R. 16E

Surface Ownership: Federal Lands administered by BLM

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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 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 base of the usable water, identified at  $\pm 517$  ft. or by setting surface casing to  $\pm 550$  ft. and having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at  $\pm 2,137$  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.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production casing.

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, spend 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.

B. SURFACE USE PROGRAM

1. Planned Access Roads

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at intervals as needed by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Well Site Layout

A diversion ditch shall be constructed on the east side of the location below the cut slope, draining to the northeast.

The No. 2 corner of the well pad will be rounded off to avoid the existing buried pipeline.

3. Additional Surface Stipulations

To protect the Golden Eagle nest located approximately 0.5 miles south of the proposed well, there will be no surface disturbing activities between February 1 and July 15, annually.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX EXPLORATION 43-013-31372

WELL NAME: FEDERAL 14A-28

Section 28 Township 8S Range 16E County DUCHESNE

Drilling Contractor CHANDLER

Rig # 7

SPUDDED: Date 10/5/92

Time 9:30 AM

How DRY HOLE

CONFIDENTIAL

Drilling will commence 10/12/92

Reported by LUCI

Telephone # 1-722-5103

Date 10/5/92 SIGNED JLT

Lomax Exploration Company

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

RECEIVED

OCT 13 1992

October 9, 1992

DIVISION OF  
OIL GAS & MINING



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" report of spudding for the Federal #14A-28, 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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.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 purposes.

**RECEIVED**  
OCT 13 1992

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 LOMAX EXPLORATION COMPANY

3. Address and Telephone No. 801-722-5103  
 P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

5. Lease Designation and Serial No.  
 SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
 Travis Unit

8. Well Name and No.  
 Federal #14A-28

9. API Well No.  
 43-013-31372

10. Field and Pool, or Expiatory Area  
 Undesignated

11. County or Parish, State  
 Duchesne County, UT

**DIVISION OF  
OIL GAS & MINING**

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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud</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 the Travis Federal #14A-28 was spudded @ 9:30 A.M. on 10/5/92. A 12-1/4" hole was drilled to 310' and 302' of 8-5/8" 24# J-55 was set and cemented w/216 sks of Class "G" + 2% CaCl<sub>2</sub> + 1/2#/sk Celloflake cement. Bumped plug to 600#.

Chandler Drilling Rig #7 will move on approximately 10/11/92.

14. I hereby certify that the foregoing is true and correct  
 Signed BSD Mechem Title Regional Production Manager Date 10/9/92

(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

October 19, 1992

RECEIVED

OCT 22 1992

DIVISION OF  
OIL GAS & MINING



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report for the Federal #14A-28, 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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.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  
OCT 22 1992

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

801-722-3103  
P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

5. Lease Designation and Serial No.

SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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 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>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.)

10/12/92 - MI & start rigging up Chandler Drilling Rig #7.  
10/14/92 - Finish rigging up; test BOP's, casing & equipment. Drill to 865'.  
10/15 - 10/18/92 - Drilling with rotary tool. Present depth @ 4885'.

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

Signed BTD Medorum Title Regional Production Manager Date 10/19/92

(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

November 5, 1992



RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report of 10/19 - 10/26/92 for the Federal #14A-28, referenced above.

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

Sincerely,

Brad Mechem  
Regional Production Manager

/ln  
GOVT\14A28FSN.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.

SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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. 801-722-5103

P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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.)\*

10/19 - 10/20/92 Drilling. Present Depth 5550'.  
10/20 - 10/21/92 Coring from 5550' - 5647'.  
10/22 - 10/24/92 Drilling. TD @ 6190'.  
10/25 - 10/26/92 Logging w/Schlumberger.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL, GAS & MINING

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

Signed [Signature]

Title Regional Production Manager

Date 10/27/92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

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

November 6, 1992



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report of cementing 5-1/2" casing for the Federal #14A-28, 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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.LTR

Enclosure

RECEIVED

NOV 09 1992

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.  
SL-071572A Unit #68528A

7. If Unit or CA. Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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. 801-722-5103

P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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>Cement 5-1/2" csg.</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

10/27/92

Lomax Exploration reports running 6166.60' of 5-1/2" 17# J-55 casing set @ 6168.24'.

Cemented in two stages (verbally approved by Ed Forsman) as follows:

1st Stage: 148 sks Hilift + additives  
353 sks 50/50 Poz/G + additives  
Displace with water

2nd Stage: 236 sks Hilift + additives  
133 sks 50/50 Poz/G + additives  
Displace with water

Return 3 bbls of cement to surface.

DV tool was set @ approximately 3199.81'.

Chandler Rig #7 was released @ 11:30 a.m. on 10/28/92.

Current status of #14A-28 - Waiting on completion rig.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

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

Signed R. S. Mechem

Title Regional Production Manager

Date 11/5/92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

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

December 7, 1992



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report of 11/28 - 12/4/92 for the Federal #14A-28, 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

/ln  
GOVT\14A28FSN.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.  
SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

11. County or Parish, State

Duchesne County, UT

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
LOMAX EXPLORATION COMPANY

3. Address and Telephone No. 801-722-5103  
P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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</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

**RECEIVED**  
(Note: Report result 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.)\*

DEC 10 1992

- 11/28/92 - MI & RU B&B Well Service. Tag Cement @ 3070'.
- 11/29/92 - Drill out DV tool @ 3129'.
- 11/30/92 - Pressure test casing to 1000#. Run Cement Bond Log from PBDT to surface. Perforate 5666'-70' w/4 SPF.
- 12/1/92 - Breakdown perfs.
- 12/2/92 - Pump 100 sks cement into perfs @ 5666'-70'. PKR set @ 5551' (squeezed off). Release PKR.
- 12/3/92 - Tag cement @ 5551'. Drill out cement from 5551'-5615'. Perforate 5590'-98' w/4 SPF.
- 12/4/92 - Breakdown perfs & flow back.

DIVISION OF  
OIL & GAS ADMINISTRATION

14. I hereby certify that the foregoing is true and correct  
Signed Brod Mechem Title Regional Production Manager Date 12/7/92

(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

DEC 21 1992

December 18, 1992

DIVISION OF  
OIL GAS & MINING



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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report of 12/7 - 12/17/92 for the Federal #14A-28, 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

/ln  
GOVT\14A28FSN.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

DEC 21 1992

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 LOMAX EXPLORATION COMPANY

3. Address and Telephone No. 801-722-5103  
 P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

5. Lease Designation and Serial No.  
 SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
 Travis Unit

8. Well Name and No.  
 Federal #14A-28

9. API Well No.  
 43-013-31372

10. Field and Pool, or Exploratory Area  
 Undesignated

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 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.)\*

- 12/7/92 - Swab test 5590'-98'.
- 12/8 - Set RBP @ 5640'.
- 12/9 - Frac 5590'-98'.
- 12/10-12/11- Flow back. SIFWE.
- 12/14 - Set RBP @ 5300'.
- 12/15 - Perforate 5046'-54'. Breakdown & ball off.
- 12/16 - Frac 5046'-54'.
- 12/17 - Swab test.

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

Signed Larry Werner Title Secretary Date 12/18/92

(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

January 7, 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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" report of placing the Travis Federal #14A-28 on production.

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 "Brad Mecham".

Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.LTR

Enclosure

**RECEIVED**

JAN 11 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.

SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

11. County or Parish, State

Duchesne County, UT

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

LOMAX EXPLORATION COMPANY

3. Address and Telephone No. 801-722-5103

P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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 Well put on line  
 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.)\*

Lomax Exploration Company reports that the Travis Federal #14A-28 was put on production at 12:00 p.m. on 1/2/93.

**RECEIVED**

JAN 1 1 1993

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature]

Title Regional Production Manager

Date 1/5/93

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

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

January 7, 1993



**RECEIVED**

JAN 11 1993

**DIVISION OF  
OIL, GAS & MINING**

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: Federal #14A-28  
SE/SW Sec. 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" weekly status report of 12/18/92 - 1/3/93 for the Federal #14A-28, referenced above.

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

Sincerely,



Brad Mecham  
Regional Production Manager

/ln  
GOVT\14A28FSN.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.

SL-071572A Unit #68528A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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. 801-722-5103

P.O. Box 1446 W. Poleline Rd. Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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 Report  
 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.)\*

12/18/92 Swabbing. RIH w/tbg to 5078'. ND BOP's, set TA w/12,000# tension.  
12/19/92 RIH w/bottom hole pump & rods. RU wellhead. RD B&B Well Service.  
12/22 - 1/3/93 Installing production equipment.

**RECEIVED**

JAN 11 1993

DIVISION OF  
OIL GAS & MINING

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

Signed [Signature]

Title Regional Production Manager

Date 1/5/93

(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



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

January 22, 1993

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

Dear Ms. Nemec:

Re: Monument Federal #10-34, API No. 43-013-31371  
Submittal of Electric and Radioactivity Logs

We have received the Formation Micro Imager w/ Gamma Ray, Litho Density Compensated Neutron Gamma Ray and Array Induction Imager Gamma Ray Logs for the referenced well. However, the Well Completion Report indicates that a **Cement Bond and Mechanical Sidewall Coring** were also run. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5340.

Sincerely,

Vicky Carney  
Production Group Supervisor

cc: R. J. Firth  
D. T. Staley  
L. D. Clement  
Log File

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

5. LEASE DESIGNATION AND SERIAL NO.

SL-071572A Unit #68528A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Travis Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#14A-28

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 28, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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  DIFFERENTIAL

**CONFIDENTIAL**

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 2273 FWL 107 FSL SE/SW

At top prod. interval reported below

At total depth

**RECEIVED**

FEB 09 1993

DIVISION OF OIL & GAS MINING

14. PERMIT NO.

43-013-31372

DATE ISSUED

9/22/92

15. DATE SPUDDED

10/5/92

16. DATE T.D. REACHED

10/23/92

17. DATE COMPL. (Ready to prod.)

1/2/93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5617.6 GR

19. ELEV. CASINGHEAD

5629.6' KB

20. TOTAL DEPTH, MD & TVD

6190'

21. PLUG, BACK T.D., MD & TVD

6055'

22. IF MULTIPLE COMPL., HOW MANY\*

2

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

XX

CABLE TOOLS

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

5046 - 54 (D)

5590 - 98 (LDC) **GRRV**

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Mechanical Sidewall Core, Dual Laterolog Microsfl, Litho-Density Comp. 2-993, Neutron, Repeat Formation Tester, Formation Micro Imager, Cement Bond Log

27. WAS WELL CORED

Yes

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#	301.71	12-1/4"	216 sks "G" + 2% CaCl <sub>2</sub> + Celloflake	50/50
5-1/2"	17#	6168.24	7-7/8"	148 sks Hilift + additives	353 sks Poz G+
(two stage cement)				236 sks Hilift + additives	133 sks 50/50 Poz G + additives

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5078.38	

31. PERFORATION RECORD (Interval, size and number)

4 SPF .45" 4" gun  
5666 - 70 16 shots  
5590 - 98 32 shots  
5046 - 54 32 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5666 - 70	Squeezed w/100 sks "G" cement
5590 - 98	Frac w/8,400 gals fluid, 22,300# 16/30 sand
5046 - 54	Frac w/13,200 gals fluid, 33,000# 16/30 sand

33.\* PRODUCTION 16/30 sand

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1/2/93	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Average	24		→	126	135	2	
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.)

Sold & Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Dual Laterolog Microsfl, Litho-Density Compensated Neutron, Repeat Formation Tester, Formation Micro Imager, Cement Bond Log.

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

SIGNED Bob Mechem TITLE Regional Production Mgr DATE 2/2/93

\*(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	3944'					
Douglas Creek	4952'					
D-2 Sand	5038'					
B Limestone	5314'					
Castle Peak LS	5890'					

Lomax Exploration Company

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



RECEIVED

FEB 09 1993

DIVISION OF  
OIL GAS & MINING

February 2, 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: Travis Federal #14A-28  
SE/SW Section 28, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Gentlemen:

Please find enclosed the completed "Well Completion Report and Log" form for the above referenced location. Also enclosed are copies of the Dual Laterolog Microsfl, Litho-Density Compensated Neutron, Repeat Formation Tester, Formation Micro Imager, Cement Bond Log.

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

/ln  
GOVT\FDCOMP.LTR

Enclosures

# ROUTINE CORE ANALYSIS

## LOMAX EXPLORATION COMPANY

Lomax Federal #14A-28 Well

Lomax Federal #10-34 Well 1980 SSL  
1980 FEL  
NWSE

Duchesne County, Utah

TerraTek Project No. 5340 & 5356

Prepared for:

LOMAX EXPLORATION COMPANY

13405 N.W. Freeway, Suite 314

Houston, Texas 77040

# CONFIDENTIAL

December 1992

RECEIVED

MAR 01 1993

DIVISION OF  
OIL GAS & MINING

---

# TerraTek

---

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

# ROUTINE CORE ANALYSIS

## LOMAX EXPLORATION COMPANY

Lomax Federal #14A-28 Well  
Lomax Federal #10-34 Well  
Duchesne County, Utah

TerraTek Project No. 5340 & 5356

Prepared for:

LOMAX EXPLORATION COMPANY  
13405 N.W. Freeway, Suite 314  
Houston, Texas 77040

Prepared by:

TERRATEK, INC.  
University Research Park  
360 Wakara Way  
Salt Lake City, Utah 84108

December 1992

**DISTRIBUTION OF FINAL REPORTS**

**LOMAX EXPLORATION COMPANY**

**LOMAX FEDERAL #14A-28 WELL  
LOMAX FEDERAL #10-34 WELL  
DUCHESNE COUNTY, UTAH**

**TerraTek Project No. 5340 & 5356**

10 copies sent to:

**University of Utah Research Institute  
University Research Park  
391 Chipeta Way  
Salt Lake City, Utah 84108**

**Attn: Mr. Dennis Nielson**

## INTRODUCTION

TerraTek, Inc. received core material from two Lomax Exploration Company wells in Duchesne County, Utah for routine core analysis. The Lomax Federal #14A-28 Well was cored with a conventional diamond core bit and water-base drilling mud. TerraTek sent a representative to wellsite to retrieve the core and transport it back to the TerraTek laboratory in Salt Lake City, Utah. Residual core fluids were preserved by wrapping the core with plastic film. Rotary sidewall cores from the Lomax Federal #10-34 well were also received. The sidewall cores were preserved in sealed glass jars.

The following routine core analysis measurements were performed: fluid saturations, porosity, and permeability to gas. Plug samples were cut from the conventional core for analysis. The rotary sidewall cores were trimmed prior to analysis. All end pieces and plugs were delivered to Dennis Nielson of the University of Utah Research Institute following the analysis.

## PROCEDURES

Lomax and UURI personnel selected five locations in the Lomax Federal #14A-28 core for analysis. One-inch diameter horizontal and vertical plugs were drilled from each location using water as the bit coolant. The sidewall cores from the Lomax Federal #10-34 Well were cleaned of all surface mud and the ends were trimmed with a diamond-edge saw blade using water as coolant.

Fluid saturations were measured by means of the distillation solvent extraction technique using toluene. Oil remaining in the samples following the initial extraction phase was removed by cleaning with toluene in a large reflux soxhlet. The samples were then dried in a convection oven at 110°C prior to performing porosity and permeability measurements.

Porosities were determined by measuring grain volumes and bulk volumes. Grain volumes were measured in a helium expansion porosimeter using Boyle's law. Bulk volumes were

measured by submerged weight in mercury using Archimedes' principle. Grain volumes were also utilized to determine a grain density value for each sample.

Horizontal and vertical permeabilities to nitrogen were measured in a pressurized Hassler sleeve. Pressure of 400 psi was applied to the sleeve to prevent gas from flowing around the outside of the sample being tested. Downstream flow was monitored with an orifice-equipped pressure transducer.

## RESULTS

Results of the tests described above are presented on the following pages. Test results for samples from each well are presented on separate data tables. Also, a permeability versus porosity crossplate is provided for each well.

**CORE INTERVAL SUMMARY**

**LOMAX EXPLORATION COMPANY**

**LOMAX FEDERAL #14A-28 WELL  
LOMAX FEDERAL #10-34 WELL  
DUCHESNE COUNTY, UTAH**

**TerraTek Project No. 5340 & 5356**

**LOMAX FEDERAL #14A-28 WELL**

<u>Core No.</u>	<u>Interval</u>	<u>Formation</u>
1	5550' - 5610'	Lower Douglas Creek Member, Green River
2	5610' - 5647'	Lower Douglas Creek Member, Green River

**LOMAX FEDERAL #10-34 WELL**

<u>No. of Cores</u>	<u>Interval</u>	<u>Formation</u>
14	4488' - 5961'	Green River

# TerraTek Geoscience Services®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX (801) 584-2408

## LOMAX EXPLORATION COMPANY

Well:	Lomax Federal #14A-28	State:	Utah	Date:	7-DEC-1992
Field:	Greater Monument Butte	County:	Duchesne	ITCS File #:	5340
Drilling fluid:	Water Base	Location:	Sec.28, T8S, R16E	Elevation:	5617.6' GL

## PLUG DEAN-STARK ANALYSIS

Sample Number	Depth (feet)	Permeability		Porosity %	Saturation		Grain Density (gm/cc)	Lithology
		Horz (md)	Vert (md)		Oil %	H2O %		
<b>Douglas Creek/Green River Formation</b>								
1	5595.0-96.0	2.5	.07	14.8	67.0	20.4	2.65	Ss,brn,fgr,sil,bdd,mica
2	5598.0-99.0	13.	.43	16.6	70.7	16.4	2.65	Ss,brn,fgr,sil,sl/bdd,mica
3	5615.0-16.0	.14	.07	12.5	29.1	44.2	2.66	Ss,brn,vf-fgr,sil,slty,bdd,mica
4	5638.0-39.0	.77	.99	11.7	40.5	20.2	2.66	Ss,brn,fgr,sil,sl/slty,bdd,mica
5	5639.0-40.0	.46	.50	9.0	49.6	34.2	2.66	Ss,brn,vfgr,slty,clty,bdd,mica

# TerraTek Geoscience Services®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX (801) 584-2408

## LOMAX EXPLORATION COMPANY

Well: Lomax Federal #10-34  
 Field: Monument Butte  
 Drilling fluid: Water Base

State: Utah  
 County: Duchesne  
 Location:

Date: 7-DEC-1992  
 TTCS File #: 5356  
 Elevation:

## PLUG DEAN-STARK ANALYSIS

Sample Number	Depth (feet)	Permeability		Porosity %	Saturation		Grain Density (gm/cc)	Lithology
		Horz (md)	Vert (md)		Oil %	H2O %		
<b>Green River Formation</b>								
1	4488.0	1.2		12.3	53.3	22.1	2.66	Ss,gy,vf-fgr,calc
2	4989.0	.04		5.8	39.9	18.8	2.67	Ss,gy,vf-fgr,calc
3	4998.0	1.2		13.3	37.6	48.5	2.66	Ss,gy,vf-fgr,calc
4	5006.0	.60		12.2	47.3	17.4	2.66	Ss,gy,vf-fgr,calc
5	5007.0	5.5		14.0	36.0	39.4	2.66	Ss,gy,vf-fgr,sl/calc
6	5510.0	.09		12.0	50.7	22.6	2.66	Ss,brn,vfgr,slty,calc
7	5514.0	.09		11.8	49.2	25.6	2.66	Ss,brn,vfgr,slty,calc
8	5800.0	.43		14.8	41.8	25.9	2.67	Ss,ltgy,vf-fgr,calc
9	5810.0	.15		10.6	48.2	16.4	2.69	Ss,ltgy,vf-fgr,calc
10	5880.0	9.6		13.7	34.1	27.6	2.65	Ss,brn,fgr,sil
11	5920.0	.10		7.9	41.4	32.8	2.69	Ss,brn,vf-fgr,sl/calc,lam
12	5924.0	.12		9.1	43.4	32.9	2.66	Ss,brn,vf-fgr,sl/calc
13	5956.0	.22		9.2	17.9	46.3	2.66	Ss,ltgy,vf-mgr,sl/calc
14	5961.0	.26		9.7	18.0	45.3	2.65	Ss,ltgy,vf-mgr,sl/calc

**DESCRIPTION SCHEME FOR CARBONATE SEDIMENTARY ROCKS:  
ROCK TYPE, COLOR, GRAIN SIZE / CRYSTAL SIZE, POROSITY TYPE, ACCESSORIES**

**DESCRIPTION SCHEME FOR CLASTIC SEDIMENTARY ROCKS:  
ROCK TYPE, COLOR, GRAIN SIZE, CEMENT, STRUCTURES AND ACCESSORIES**

**KEY TO ABBREVIATIONS:**

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

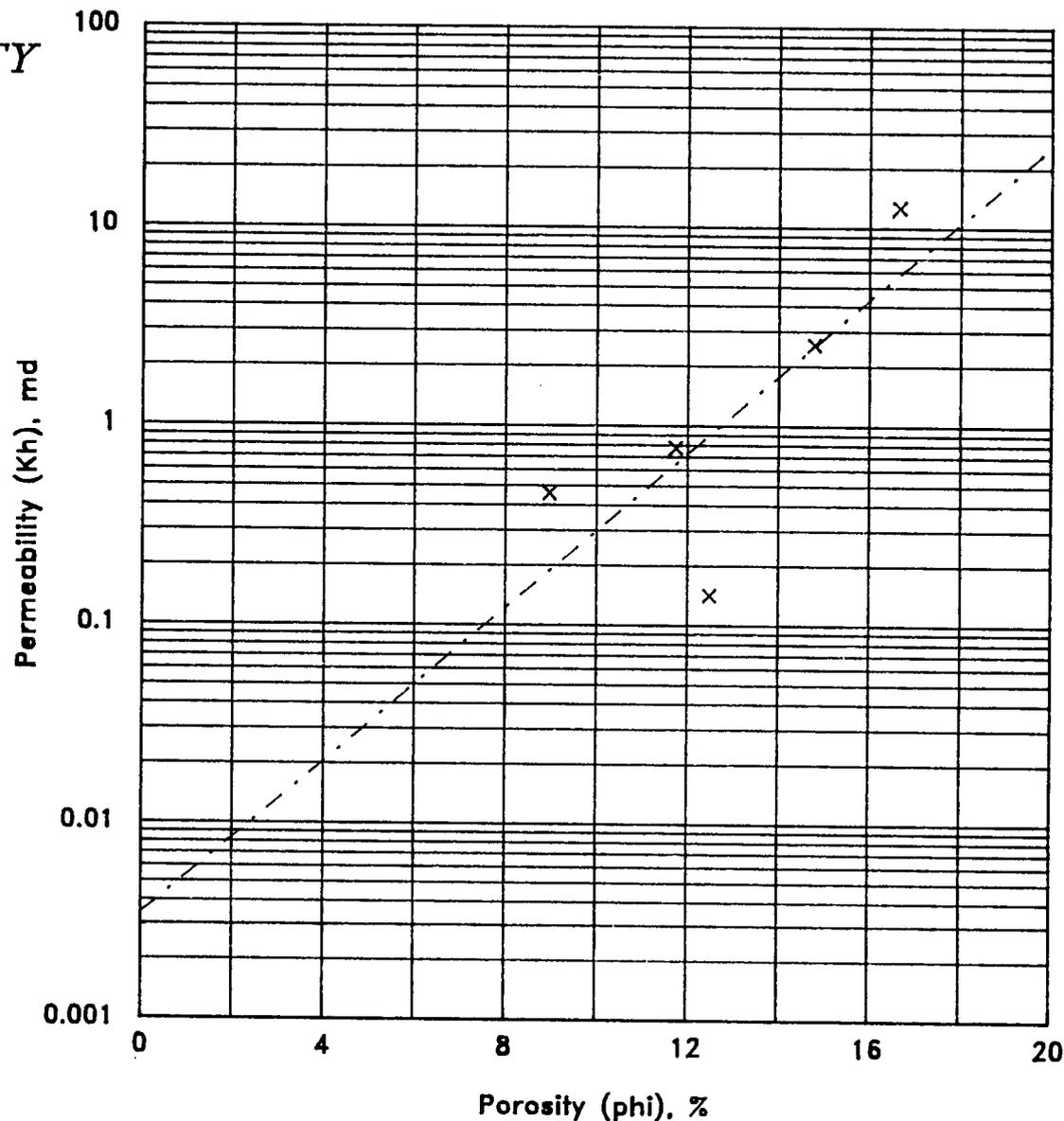
# Terra Tek Geoscience Services®

University Research Park -- 360 Wakara Way -- Salt Lake City, Utah 84108 -- (801) 584-2480 -- FAX 801-584-2408

## HORIZONTAL PERMEABILITY VS POROSITY

**LOMAX EXPLORATION COMPANY**  
Lomax Federal #14A-28 Well  
Greater Monument Butte Field  
Duchesne County, Utah  
December 7, 1992

Depth Interval: 5595 to 5640 Feet TerraTek File# 5340		
Porosity (phi), %		
Min 8.965	Max 16.653	Average 12.924
Permeability (Kh), md		
Min 0.141	Max 12.641	Geo. Ave 1.099
Equation of the Line		
$\log Kh = \alpha \phi + \beta$		
$\log Kh = 0.1938 \phi - 2.4640$		
Correlation Coefficient : 0.766		
Green River Formation		
Conventional Core Plugs		



# Terra Tek Geoscience Services®

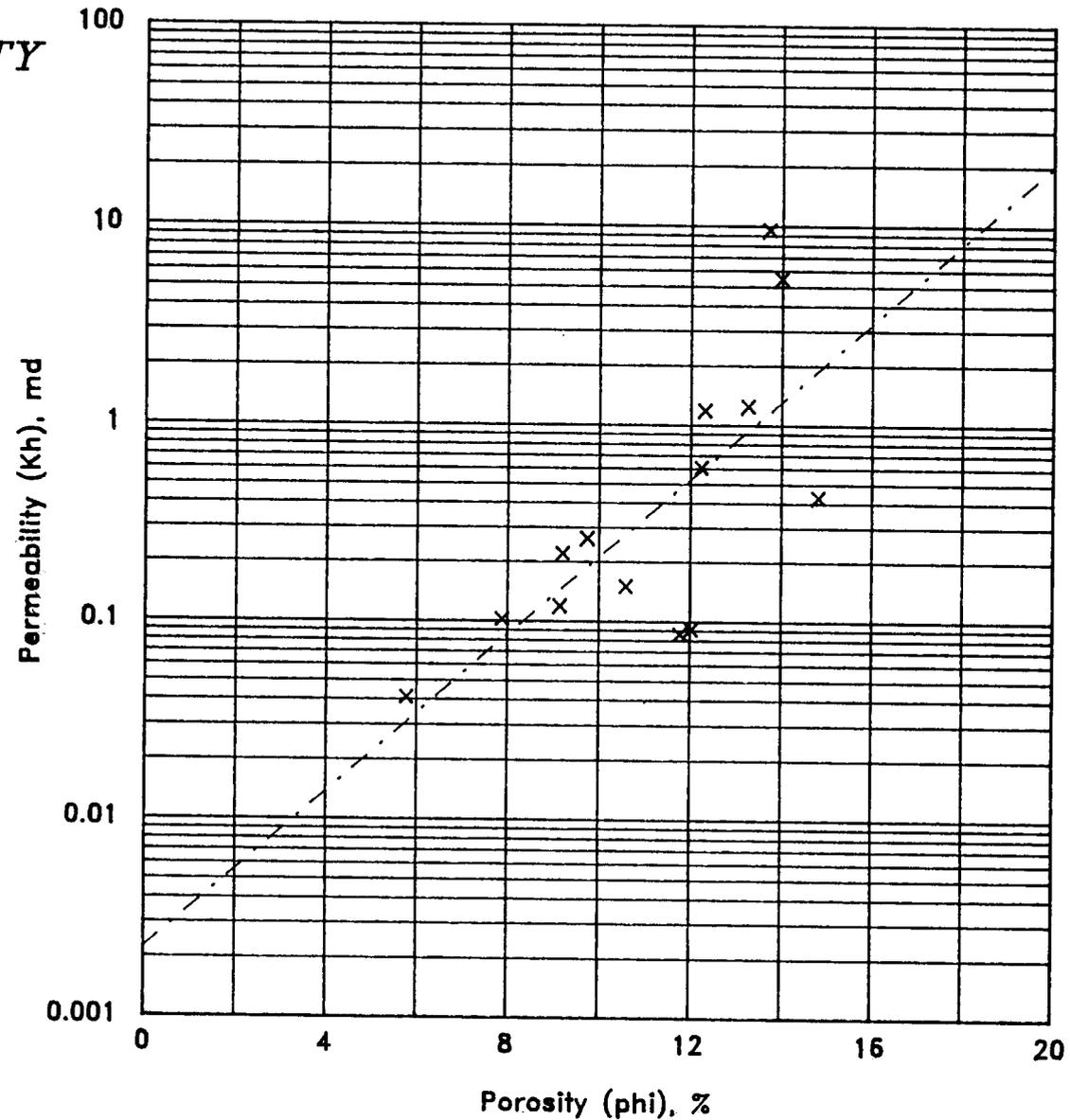
University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX 801-584-2408

## HORIZONTAL PERMEABILITY VS POROSITY

### LOMAX EXPLORATION COMPANY

Lomax Federal #10-34 Well  
Monument Butte Field  
Duchesne County, Utah  
December 7, 1992

Depth Interval: 4488 to 5961 Feet TerraTek File# 5356		
Porosity (phi), %		
Min	Max	Average
5.767	14.813	11.174
Permeability (Kh), md		
Min	Max	Geo. Ave
0.041	9.563	0.362
Equation of the Line		
$\log Kh = \alpha \phi + \beta$		
$\log Kh = 0.1978 \phi - 2.6510$		
Correlation Coefficient: 0.724		
Green River Formation		
Rotary Sidewall Cores		



# ROUTINE CORE ANALYSIS

## LOMAX EXPLORATION COMPANY

Lomax Federal #14A-28 Well <sup>0170 FSL</sup> 2273 <sup>501</sup> 5240

Lomax Federal #10-34 Well

Duchesne County, Utah

TerraTek Project No. 5340 & 5356

Prepared for:

LOMAX EXPLORATION COMPANY

13405 N.W. Freeway, Suite 314

Houston, Texas 77040

# CONFIDENTIAL

December 1992

---

# TerraTek

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

# **ROUTINE CORE ANALYSIS**

## **LOMAX EXPLORATION COMPANY**

**Lomax Federal #14A-28 Well  
Lomax Federal #10-34 Well  
Duchesne County, Utah**

**TerraTek Project No. 5340 & 5356**

**Prepared for:**

**LOMAX EXPLORATION COMPANY  
13405 N.W. Freeway, Suite 314  
Houston, Texas 77040**

**Prepared by:**

**TERRATEK, INC.  
University Research Park  
360 Wakara Way  
Salt Lake City, Utah 84108**

**RECEIVED**

**MAR 01 1993**

**DIVISION OF  
OIL GAS & MINING**

**December 1992**

**DISTRIBUTION OF FINAL REPORTS**

**LOMAX EXPLORATION COMPANY**

**LOMAX FEDERAL #14A-28 WELL**

**LOMAX FEDERAL #10-34 WELL**

**DUCHESNE COUNTY, UTAH**

**TerraTek Project No. 5340 & 5356**

10 copies sent to:

**University of Utah Research Institute**

**University Research Park**

**391 Chipeta Way**

**Salt Lake City, Utah 84108**

**Attn: Mr. Dennis Nielson**

## INTRODUCTION

TerraTek, Inc. received core material from two Lomax Exploration Company wells in Duchesne County, Utah for routine core analysis. The Lomax Federal #14A-28 Well was cored with a conventional diamond core bit and water-base drilling mud. TerraTek sent a representative to wellsite to retrieve the core and transport it back to the TerraTek laboratory in Salt Lake City, Utah. Residual core fluids were preserved by wrapping the core with plastic film. Rotary sidewall cores from the Lomax Federal #10-34 well were also received. The sidewall cores were preserved in sealed glass jars.

The following routine core analysis measurements were performed: fluid saturations, porosity, and permeability to gas. Plug samples were cut from the conventional core for analysis. The rotary sidewall cores were trimmed prior to analysis. All end pieces and plugs were delivered to Dennis Nielson of the University of Utah Research Institute following the analysis.

## PROCEDURES

Lomax and UURI personnel selected five locations in the Lomax Federal #14A-28 core for analysis. One-inch diameter horizontal and vertical plugs were drilled from each location using water as the bit coolant. The sidewall cores from the Lomax Federal #10-34 Well were cleaned of all surface mud and the ends were trimmed with a diamond-edge saw blade using water as coolant.

Fluid saturations were measured by means of the distillation solvent extraction technique using toluene. Oil remaining in the samples following the initial extraction phase was removed by cleaning with toluene in a large reflux soxhlet. The samples were then dried in a convection oven at 110°C prior to performing porosity and permeability measurements.

Porosities were determined by measuring grain volumes and bulk volumes. Grain volumes were measured in a helium expansion porosimeter using Boyle's law. Bulk volumes were

measured by submerged weight in mercury using Archimedes' principle. Grain volumes were also utilized to determine a grain density value for each sample.

Horizontal and vertical permeabilities to nitrogen were measured in a pressurized Hassler sleeve. Pressure of 400 psi was applied to the sleeve to prevent gas from flowing around the outside of the sample being tested. Downstream flow was monitored with an orifice-equipped pressure transducer.

## **RESULTS**

Results of the tests described above are presented on the following pages. Test results for samples from each well are presented on separate data tables. Also, a permeability versus porosity crossplate is provided for each well.

**CORE INTERVAL SUMMARY**

**LOMAX EXPLORATION COMPANY**

**LOMAX FEDERAL #14A-28 WELL  
LOMAX FEDERAL #10-34 WELL  
DUCHESNE COUNTY, UTAH**

**TerraTek Project No. 5340 & 5356**

**LOMAX FEDERAL #14A-28 WELL**

<u>Core No.</u>	<u>Interval</u>	<u>Formation</u>
1	5550' - 5610'	Lower Douglas Creek Member, Green River
2	5610' - 5647'	Lower Douglas Creek Member, Green River

**LOMAX FEDERAL #10-34 WELL**

<u>No. of Cores</u>	<u>Interval</u>	<u>Formation</u>
14	4488' - 5961'	Green River

# TerraTek Geoscience Services®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX (801) 584-2408

## LOMAX EXPLORATION COMPANY

Well:	Lomax Federal #14A-28	State:	Utah	Date:	7-DEC-1992
Field:	Greater Monument Butte	County:	Duchesne	TICS File #:	5340
Drilling fluid:	Water Base	Location:	Sec.28, T8S, R16E	Elevation:	5617.6' GL

## PLUG DEAN-STARK ANALYSIS

Sample Number	Depth (feet)	Permeability		Porosity %	Saturation		Grain Density (gm/cc)	Lithology
		Horz (md)	Vert (md)		Oil %	H2O %		
<b>Douglas Creek/Green River Formation</b>								
1	5595.0-96.0	2.5	.07	14.8	67.0	20.4	2.65	Ss,brn,fgr,sil,bdd,mica
2	5598.0-99.0	13.	.43	16.6	70.7	16.4	2.65	Ss,brn,fgr,sil,sl/bdd,mica
3	5615.0-16.0	.14	.07	12.5	29.1	44.2	2.66	Ss,brn,vf-fgr,sil,slty,bdd,mica
4	5638.0-39.0	.77	.99	11.7	40.5	20.2	2.66	Ss,brn,fgr,sil,sl/slty,bdd,mica
5	5639.0-40.0	.46	.50	9.0	49.6	34.2	2.66	Ss,brn,vfgr,slty,clty,bdd,mica

# TerraTek Geoscience Services®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX (801) 584-2408

## LOMAX EXPLORATION COMPANY

Well: Lomax Federal #10-34  
 Field: Monument Butte  
 Drilling fluid: Water Base

State: Utah  
 County: Duchesne  
 Location:

Date: 7-DEC-1992  
 TTCS File #: 5356  
 Elevation:

## PLUG DEAN-STARK ANALYSIS

Sample Number	Depth (feet)	Permeability		Porosity %	Saturation		Grain Density (gm/cc)	Lithology
		Horz (md)	Vert (md)		Oil %	H2O %		
<b>Green River Formation</b>								
1	4488.0	1.2		12.3	53.3	22.1	2.66	Ss,gy,vf-fgr,calc
2	4989.0	.04		5.8	39.9	18.8	2.67	Ss,gy,vf-fgr,calc
3	4998.0	1.2		13.3	37.6	48.5	2.66	Ss,gy,vf-fgr,calc
4	5006.0	.60		12.2	47.3	17.4	2.66	Ss,gy,vf-fgr,calc
5	5007.0	5.5		14.0	36.0	39.4	2.66	Ss,gy,vf-fgr,sl/calc
6	5510.0	.09		12.0	50.7	22.6	2.66	Ss,brn,vfgr,slty,calc
7	5514.0	.09		11.8	49.2	25.6	2.66	Ss,brn,vfgr,slty,calc
8	5800.0	.43		14.8	41.8	25.9	2.67	Ss,ltgy,vf-fgr,calc
9	5810.0	.15		10.6	48.2	16.4	2.69	Ss,ltgy,vf-fgr,calc
10	5880.0	9.6		13.7	34.1	27.6	2.65	Ss,brn,fgr,sil
11	5920.0	.10		7.9	41.4	32.8	2.69	Ss,brn,vf-fgr,sl/calc,lam
12	5924.0	.12		9.1	43.4	32.9	2.66	Ss,brn,vf-fgr,sl/calc
13	5956.0	.22		9.2	17.9	46.3	2.66	Ss,ltgy,vf-mgr,sl/calc
14	5961.0	.26		9.7	18.0	45.3	2.65	Ss,ltgy,vf-mgr,sl/calc

**DESCRIPTION SCHEME FOR CARBONATE SEDIMENTARY ROCKS:**

**ROCK TYPE, COLOR, GRAIN SIZE / CRYSTAL SIZE, POROSITY TYPE, ACCESSORIES**

**DESCRIPTION SCHEME FOR CLASTIC SEDIMENTARY ROCKS:**

**ROCK TYPE, COLOR, GRAIN SIZE, CEMENT, STRUCTURES AND ACCESSORIES**

**KEY TO ABBREVIATIONS:**

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

# Terra Tek Geoscience Services®

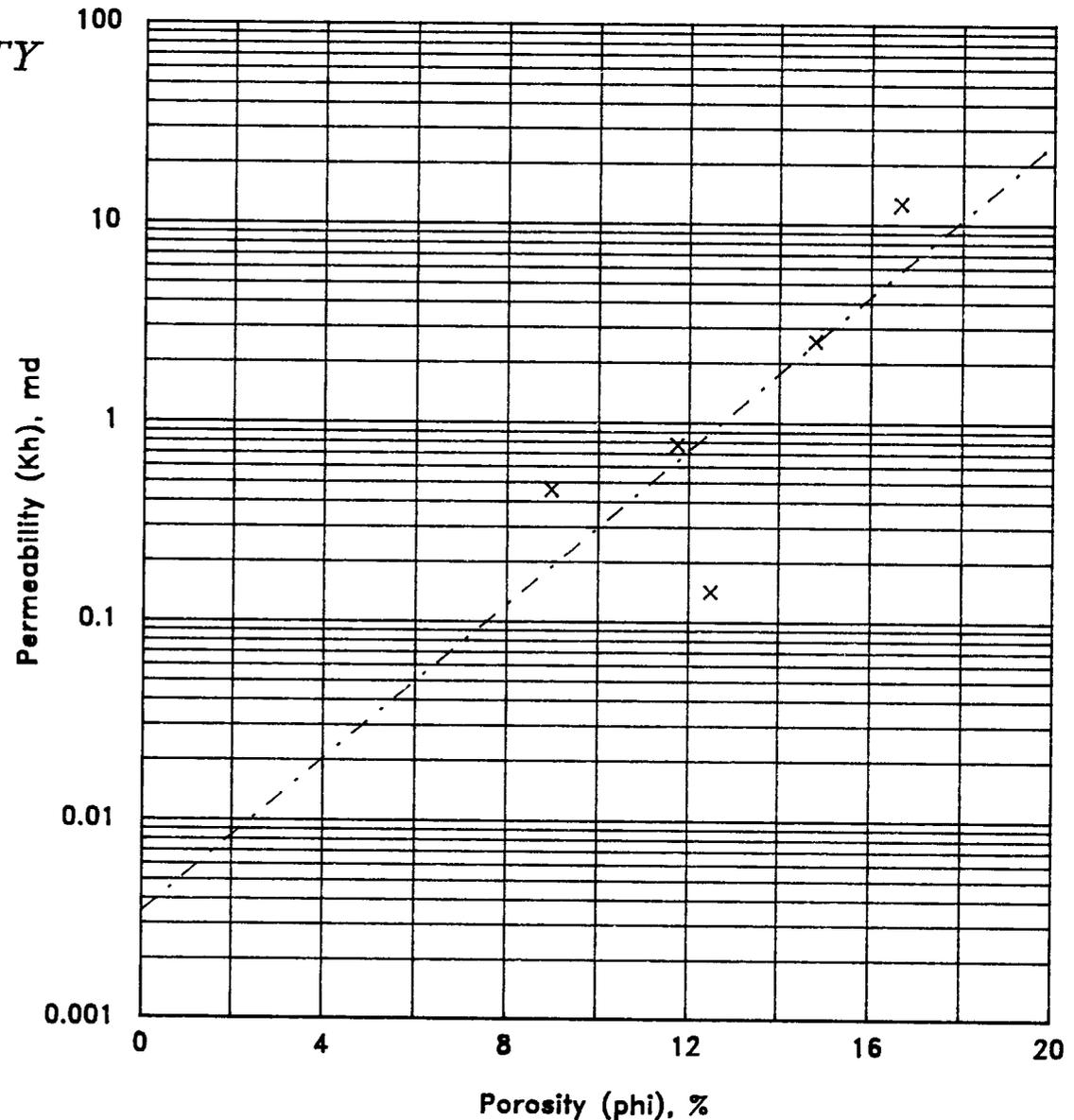
University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX 801-584-2408

## HORIZONTAL PERMEABILITY VS POROSITY

### LOMAX EXPLORATION COMPANY

Lomax Federal #14A-28 Well  
Greater Monument Butte Field  
Duchesne County, Utah  
December 7, 1992

Depth Interval: 5595 to 5640 Feet		
TerraTek File# 5340		
Porosity (phi), %		
Min	Max	Average
8.965	16.653	12.924
Permeability (Kh), md		
Min	Max	Geo. Ave
0.141	12.641	1.099
Equation of the Line		
$\log Kh = \alpha \text{ phi} + \beta$		
$\log Kh = 0.1938 \text{ phi} - 2.4640$		
Correlation Coefficient : 0.766		
Green River Formation		
Conventional Core Plugs		



# Terra Tek Geoscience Services®

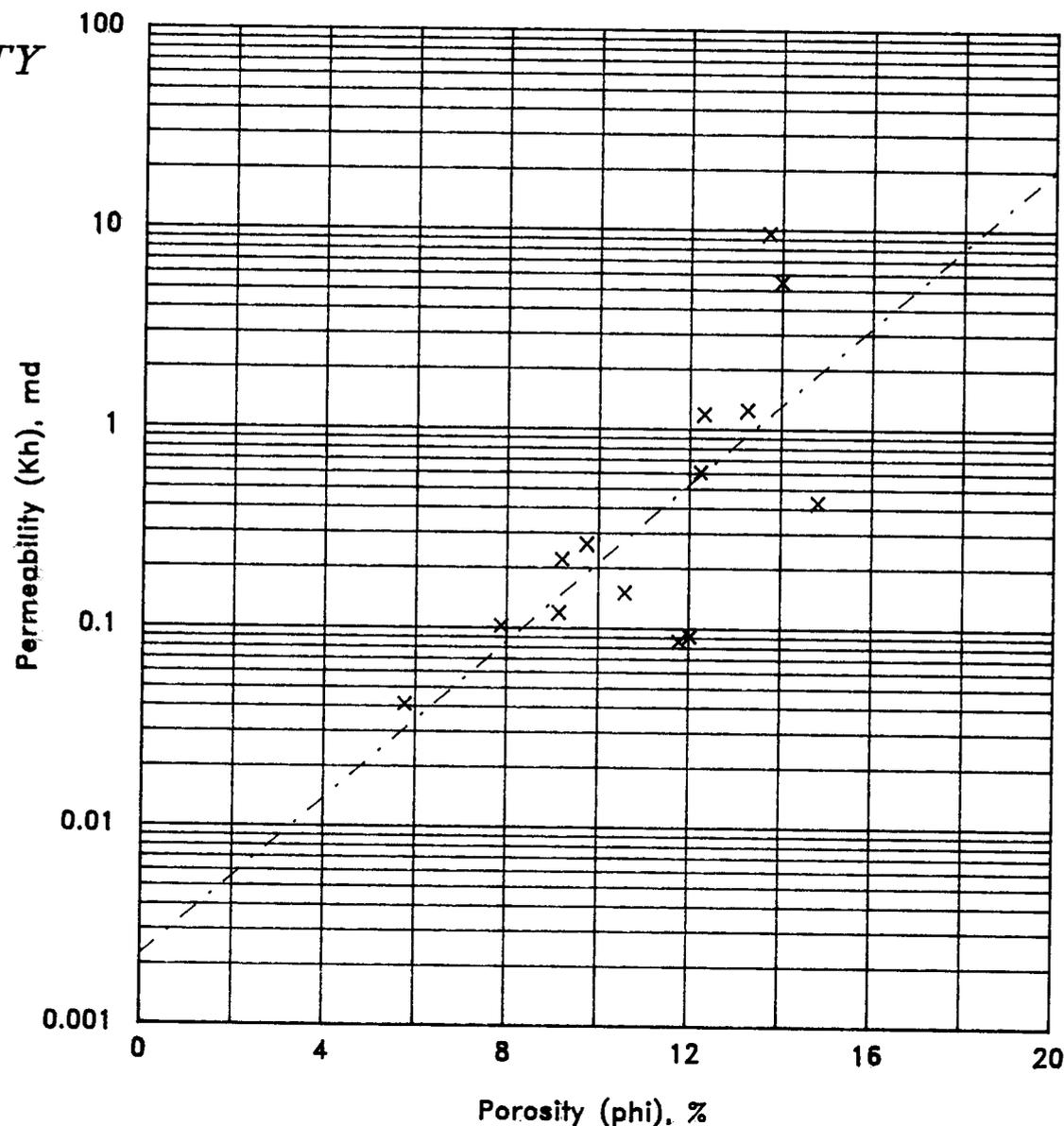
University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - FAX 801-584-2408

## HORIZONTAL PERMEABILITY VS POROSITY

### LOMAX EXPLORATION COMPANY

Lomax Federal #10-34 Well  
Monument Butte Field  
Duchesne County, Utah  
December 7, 1992

Depth Interval: 4488 to 5961 Feet TerraTek File# 5356		
Porosity (phi), %		
Min	Max	Average
5.767	14.813	11.174
Permeability (Kh), md		
Min	Max	Geo. Ave
0.041	9.563	0.362
Equation of the Line		
$\log Kh = \alpha \phi + \beta$		
$\log Kh = 0.1978 \phi - 2.6510$		
Correlation Coefficient : 0.724		
Green River Formation		
Rotary Sidewall Cores		



Lomax Exploration Company

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



February 22, 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: **Travis Federal #14A-28** 43-013-21372  
SE/SW Sec. 28, T8S, R16E  
Travis Unit, Duchesne County, Utah  
**Monument Federal #10-34** 43-013-21371  
NW/SE Sec. 34, T8S, R16E  
Monument Butte (Green River "D")  
Unit, Duchesne County, Utah

**CONFIDENTIAL**

Dear Ms. Carney:

Please find enclosed a copy of the Routine Core Analysis you requested for the above referenced locations.

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

\LAN  
GOVT\14A28ST.LTR

Enclosure

**RECEIVED**

MAR 01 1993

DIVISION OF  
OIL GAS & MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

February 17, 1993

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

Dear Ms. Nemec:

Re: Travis Unit Federal #14A-28, API No. 43-013-31372  
Submittal of Electric and Radioactivity Logs

We have received the Gamma Ray Cement Bond Log, Litho-Density Compensated Neutron Gamma Ray, Dual Laterolog Micro-FSL Gamma Ray, Formation Micro Imager w/Gamma Ray and Repeat Formation Tester for the referenced well. However, the Well Completion Report indicates that **the well was cored**. Would you please submit a copy of the Core Analysis to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5340.

Sincerely,

**Vicky Carney**  
Production Group Supervisor

cc: R. J. Firth  
D. T. Staley  
L. D. Clement  
Log File

Lomax Exploration Company

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



February 22, 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: **Travis Federal #14A-28** 43-013-31372  
SE/SW Sec. 28, T8S, R16E  
Travis Unit, Duchesne County, Utah  
**Monument Federal #10-34** 43-013-31371  
NW/SE Sec. 34, T8S, R16E  
Monument Butte (Green River "D")  
Unit, Duchesne County, Utah

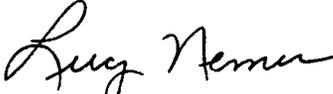
**CONFIDENTIAL**

Dear Ms. Carney:

Please find enclosed a copy of the Routine Core Analysis you requested for the above referenced locations.

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

Sincerely,

  
Lucy Nemecek

\LAN  
GOVT\14A28ST.LTR

Enclosure

**RECEIVED**

MAR 01 1993

DIVISION OF  
OIL GAS & MINING

Lomax Exploration Company

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

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MAY 07 1993



March 11, 1993

DIVISION OF  
OIL GAS & MINING

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: W. Monument Federal #14A-28  
Travis Unit  
SE/SW Section 28, T8S, R16E  
Duchesne County, UT

Gentlemen:

Please find enclosed the sundry notice for approval for a 15' x 15' pit on 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

\ln  
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**  
MAY 07 1993

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. SL-071572A Unit #68528A
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 Travis Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2273' FWL 107' FSL SE/SW Section 28, T8S, R16E	8. Well Name and No. Federal #14A-28
	9. API Well No. 43-013-31372
	10. Field and Pool, or Exploratory Area Undesignated
	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>Prod Water Disposal</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 produced water from the above referenced location is being produced into a water tank and hauled to our water injection station at the #15-28 located in Section 28, T8S, R16E, Duchesne County or to the approved disposal facilities of Hansen Disposal or RNI.

However, Lomax requests approval for a pit 15' x 15' to drain water into that inadvertently goes to the oil tank and needs to be drained off. The amount of water drained will not exceed 5 bbls/day.

**Accepted by the State  
of Utah Division of  
Oil, Gas and Mining**  
Date: 5-13-93  
By: [Signature]

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

Signed [Signature] Title Regional Production Manager Date 5/4/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Federal Approval of this Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: Action is Necessary

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.

**RECEIVED**

JUL 22 1993

DIVISION OF  
OIL GAS & MINING

LOMAX EXPLORATION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

TRAVIS FEDERAL #14A-28

TRAVIS UNIT

JULY 19, 1993

**RECEIVED**

JUL 22 1993

DIVISION OF  
OIL, GAS & MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR LOMAX EXPLORATION COMPANY  
ADDRESS P.O. Box 1446  
Roosevelt, UT 84066

Well name and number: Travis Federal #14A-28 Unit # UTU 68528A  
Field or Unit name: Travis Unit Lease no. SL-071572A  
Well location: QQ SE/SW section 28 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . Yes  No   
Will the proposed well be used for: Enhanced Recovery? . . Yes  No   
Disposal? . . . . . Yes  No   
Storage? . . . . . Yes  No   
Is this application for a new well to be drilled? . . . . . Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes  No   
Date of test: 12/21/92  
API number: 43-013-31372

Proposed injection interval: from 5046' to 5054'  
Proposed maximum injection: rate 1000 BHPD pressure 2000# psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2 mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: A, A-1, A-2, B, B-1, B-2, B-3, B-4, B-5, B-6, C-1, C-2, C-3  
D

I certify that this report is true and complete to the best of my knowledge.  
Name Brad Meham Signature *Brad Meham*  
Title Regional Production Manager Date 7/16/93  
Phone No. (801) 722-5103

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS**  
**RULE R615-5-1**

- 1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

**Answer:** Lomax Exploration Company  
P.O. Box 1446  
W. Poleline Road  
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;*

**Answer:** Reference Exhibit A & A-1.

2.3. *A full description of the particular operation for which approval is requested;*

**Answer:** To approve conversion of a unit producing well to a unit injection well in the Travis Unit.

2.4. *A description of the pools from which the identified wells are producing or have produced;*

**Answer:** The proposed injection well currently is producing oil and gas from the Green River Formation, specifically the D sand.

2.5. *The names, description and depth of the pool or pools to be affected;*

**Answer:** The green River Formation pool targeted for injection is the "D"sand with a gamma ray derived top as follows: Federal #14A-28 @ 5046'.

The injection zone is a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is inter granular. The confining impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shales.

2.6. *A copy of a log of a representative well completed in the pool;*

**Answer:** Reference log Federal #14A-28 is currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

2.7. *A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;*

**Answer:** Culinary water from Johnson Water District supply line.  
Estimated Injection rate: 300 - 500 BWPD.  
Maximum injection rate - 1000 BWPD

2.8. *A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;*

**Answer:** Surface Owners

U-26026-A	USA Bureau of Land Management
U-34173	USA Bureau of Land Management
U-49092	USA Bureau of Land Management
SL-071572A	USA Bureau of Land Management
ML-21836	State of Utah - Division of State Lands & Forestry

Owners/Operators

Lomax Exploration Company  
PG&E Resources Company  
Interline Resources

Reference Exhibit A-1 & A-2.

2.9. *An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection;*

**Answer:** Reference Exhibit D.

2.10. *Any additional information the Board may determine is necessary to adequately review the petition.*

**Answer:** Lomax will supply any additional information requested by the Bureau.

4.0. *Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.*

**Answer:** This proposed injection well is within the TRAVIS UNIT and the request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE  
AND ENHANCED RECOVERY WELLS  
SECTION V - RULE 615-5-2**

- 1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;*

**Answer:** Reference Exhibit A, A-1 & A-2.

2.2. *Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;*

**Answer:** Reference logs are currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.3. *A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;*

**Answer:** Reference log is currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.4. *Copies of logs already on file with the Division should be referenced, but need not be refiled;*

**Answer:** Radioactive and cement bond logs are currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.5. *A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;*

**Answer:** Reference Exhibit B. A casing integrity test will be conducted before injection.

2.6. *A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.*

**Answer:** Culinary water from Johnson Water district supply line.  
Estimated injection rate: 300 - 500 BWPD  
Maximum injection rate - 1000 BWPD

2.7. *Standard laboratory analysis of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.*

**Answer:** Reference Exhibits C-1, C-2, & C-3.

2.8. *The proposed average and maximum injection pressures;*

**Answer:** Average injection pressure: 1000 psig - surface  
Maximum injection pressure: 2000 psig - surface

- 2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

**Answer:** The frac gradients for the field average to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient.

- 2.10. *Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;*

**Answer:** The injection zone is the "D" sand contained within the Douglas Creek Member of the Green River Formation. The Douglas Creek is composed of porous and permeable lenticular calcareous sandstones and low porosity carbonates and calcareous shales.

\*\*\* INJECTION ZONE \*\*\*

#14A-28 "D" Sand                      TOP: 5036'                      THICKNESS: 8'

The porous and permeable lenticular sandstones vary in thickness from 0' to 20' and are confined to the Travis Field by low porosity calcareous shales and carbonates.

The confining stratus directly above and below the injection zone is the Douglas Creek member of the Green River Formation. The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shales. All of the confining strata is impermeable and it will effectively seal off the oil, gas and water of the injection zone from any strata directly above or below it. Maps and cross sections to Travis Unit are on file with the Division of Oil, Gas & Mining and also with the U.S. Bureau of Land Management.

- 2.11. *A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;*

**Answer:** Exhibits B-1, B-2, B-3, B-4, B-5 & B-6.

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

- 2.12. *An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well;*

**Answer:** Exhibit D.

- 2.13 *Any other additional information that the Board or Division may determine is necessary to adequately review the application.*

**Answer:** Lomax exploration will await review of this application and additional information will be submitted if required.

- 3) Applications for injection wells which are within a recovery project area will be considered for approval.

- 3.1. Pursuant to Rule 615-5-1-3

3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.

- 4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.
- 5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

EXHIBIT D

RE: Application for Approval of Class II Injection Well  
Travis Federal #14A-28

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Brad Mecham  
LOMAX EXPLORATION COMPANY  
By Brad Mecham, Regional Production Manager

Sworn to and subscribed before me the 19<sup>th</sup> day of July 1993.

Lucy A. Nemeč  
Notary Public in and for the State of Utah

Printed Name: Lucy Nemeč  
My Commission Expires: 5/4/94

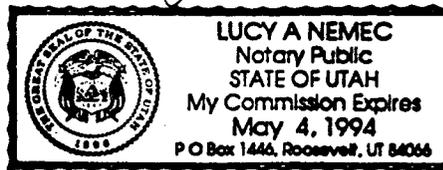


EXHIBIT D

SURFACE OWNERS AND OPERATORS WITHIN A ONE-HALF RADIUS OF THE TRAVIS  
FEDERAL #14A-28

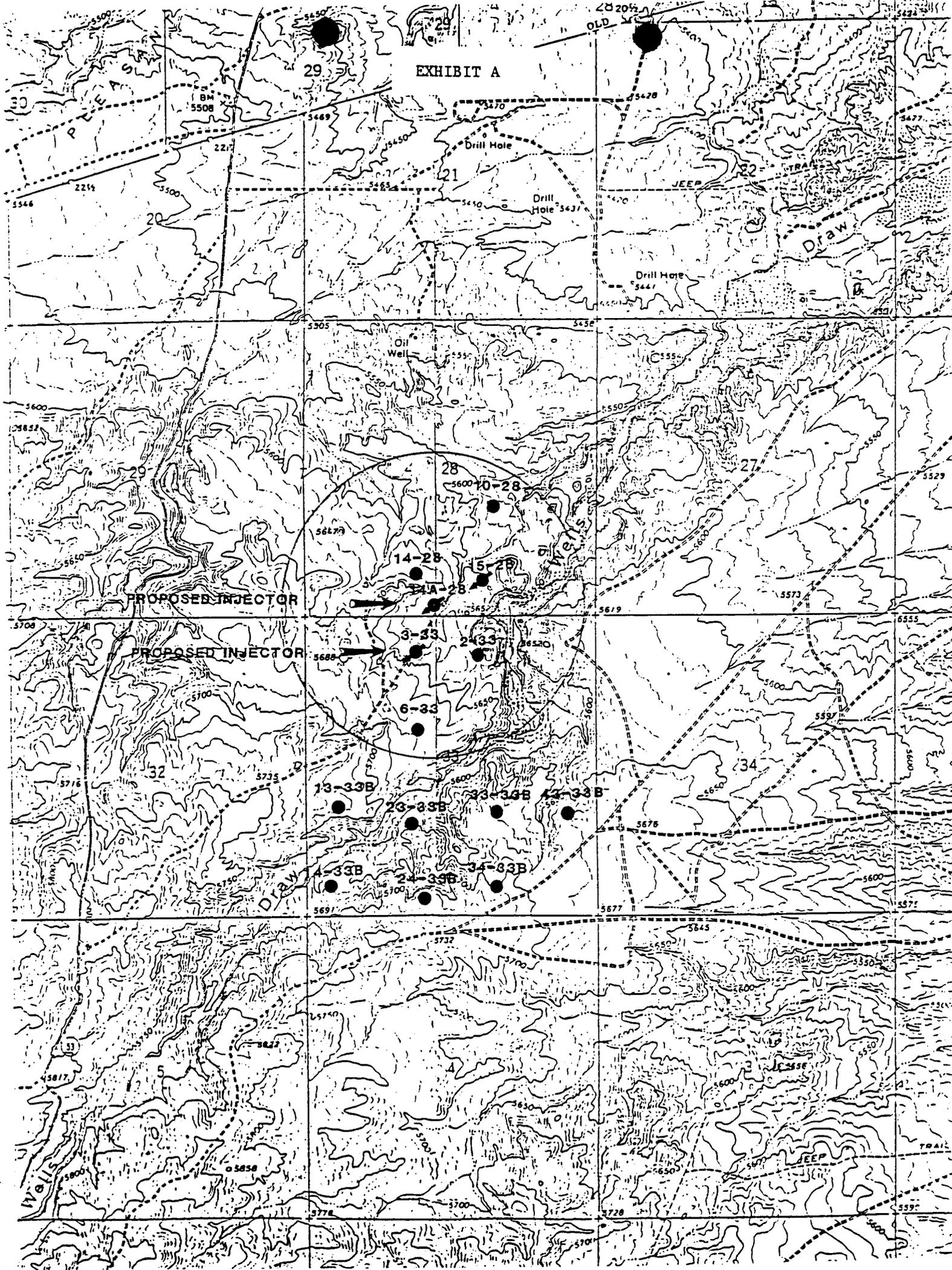
Bureau of Land Management  
Attention: Ed Forsman  
170 South 500 East  
Vernal, UT 84078

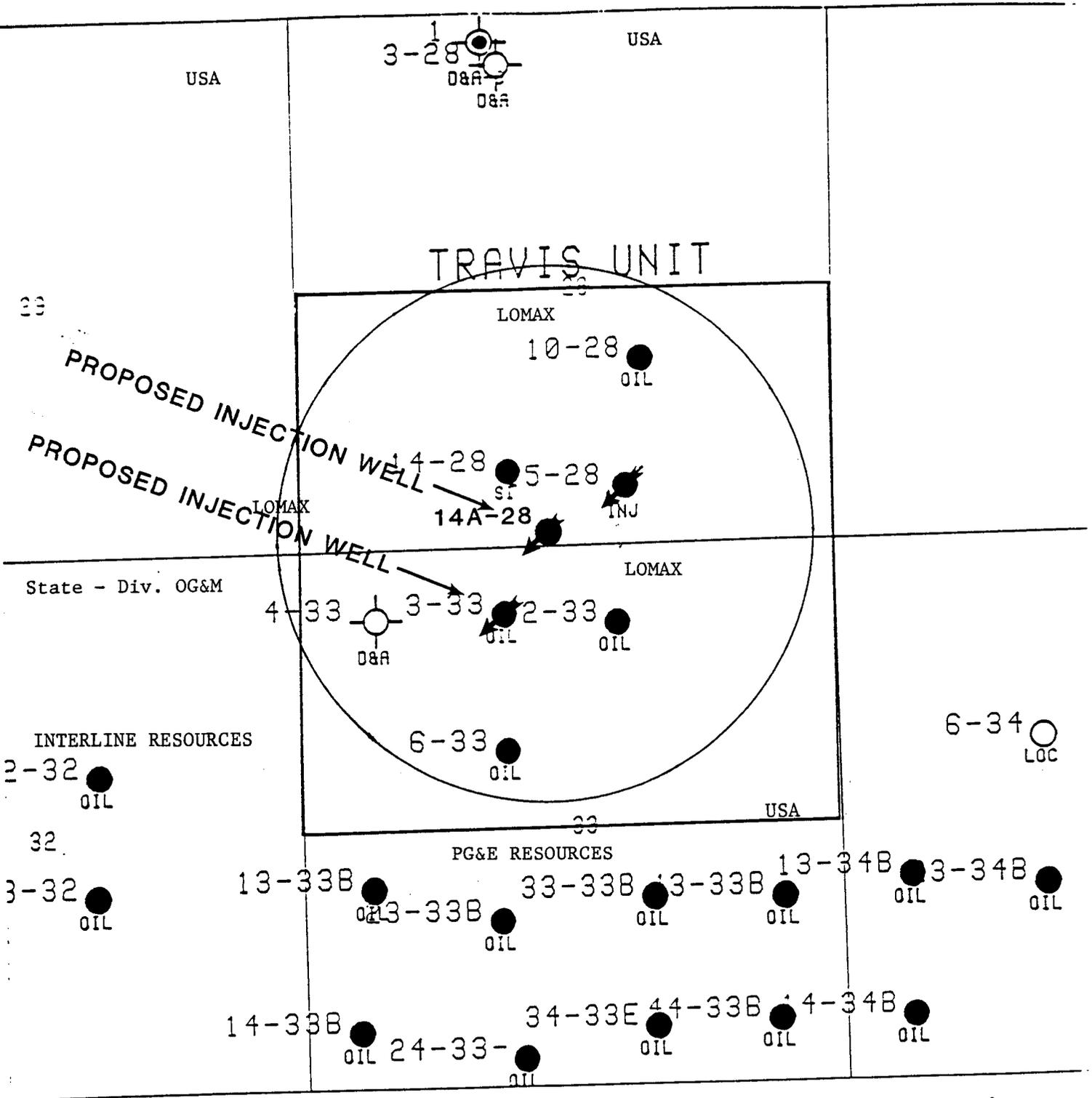
State of Utah - Division of State Lands & Forestry  
Attention: Ed Bonner  
355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, UT 84180-1204

PG&E Resources  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206

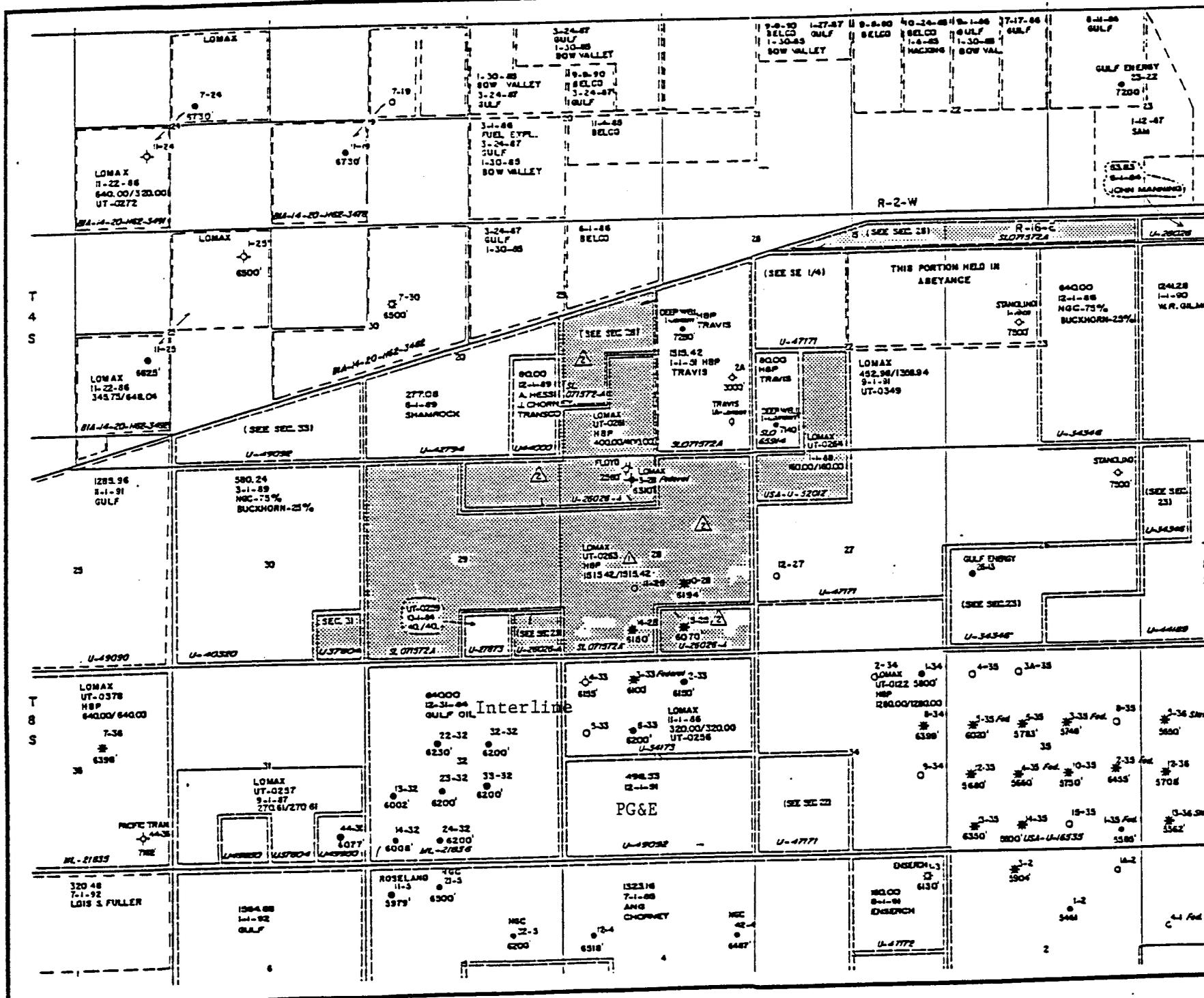
Interline Resources  
160 W. Canyon Crest  
Alpine, Utah 84004

EXHIBIT A





LOMAX EXPLORATION COMPANY  
 GREATER MONUMENT BUTTE AREA  
 TRAVIS UNIT  
 DUCHESNE COUNTY, UTAH



- LEGEND**
- FULL INTEREST LEASE
  - PARTIAL INTEREST LEASE
  - AREA OF MUTUAL INTEREST
  - UNIT BOUNDARY
  - SEE NOTES FOR MORE INFORMATION
  - NET ACRES / GROSS ACRES 60 / 320
  - FARMOUT AGREEMENT
  - WELL LOCATION
  - OIL WELL
  - GAS WELL
  - DRY HOLE
  - OIL & GAS WELL
  - SUSPENDED OPERATION
  - ABANDONED WELLS
  - DEPLETED OIL WELL
  - SHUT-IN GAS WELL

EXHIBIT A-2

LOMAX EXPLORATION COMPANY

TRAVIS  
Duchesne County, Utah

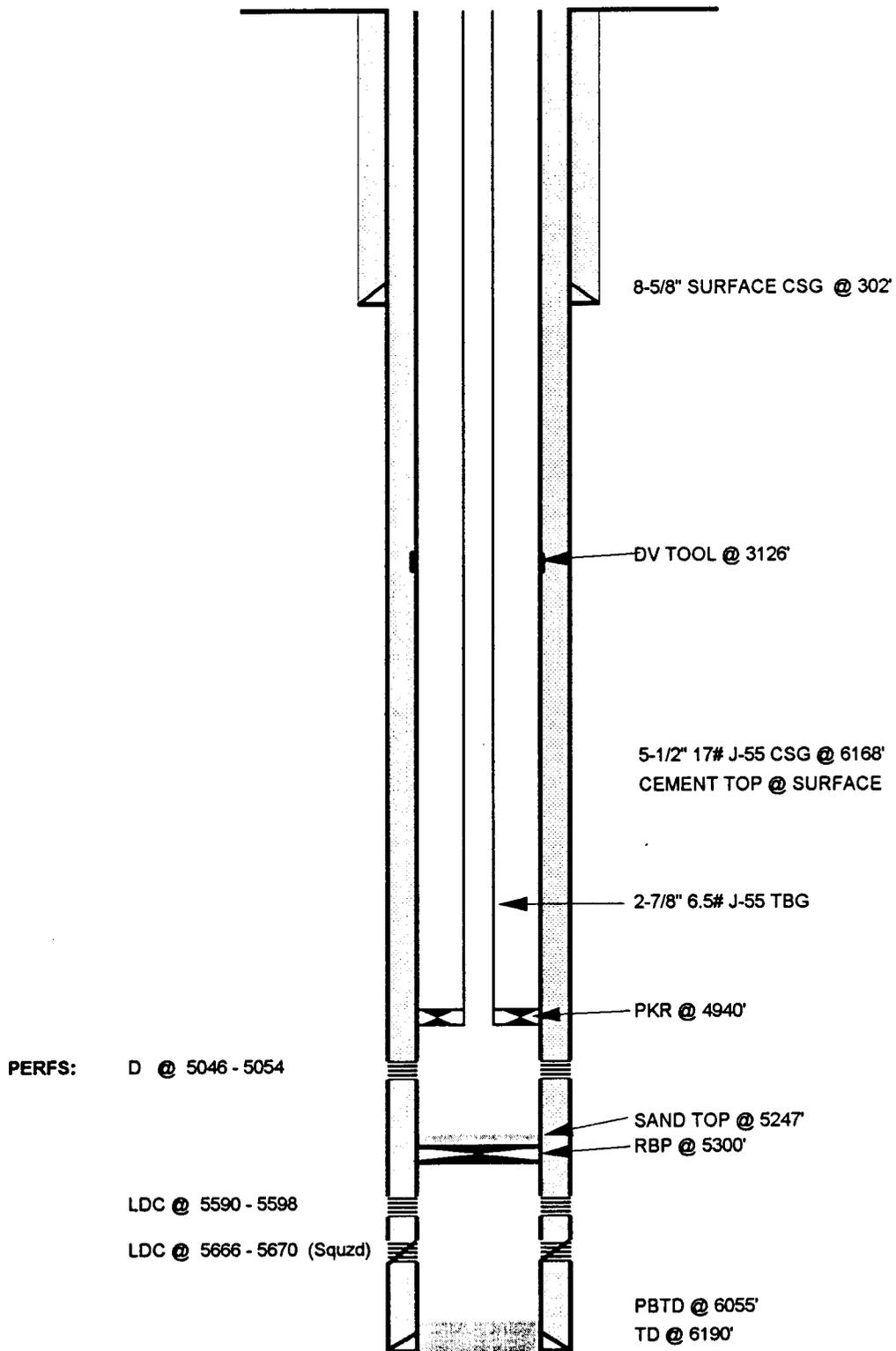
Interpreted by	Date	Scale 1" = 2000'
Reviewed by	Date	Plotted to 8/87
Drawn by	Date 2/84	File No.

# TRAVIS FEDERAL #14A-28

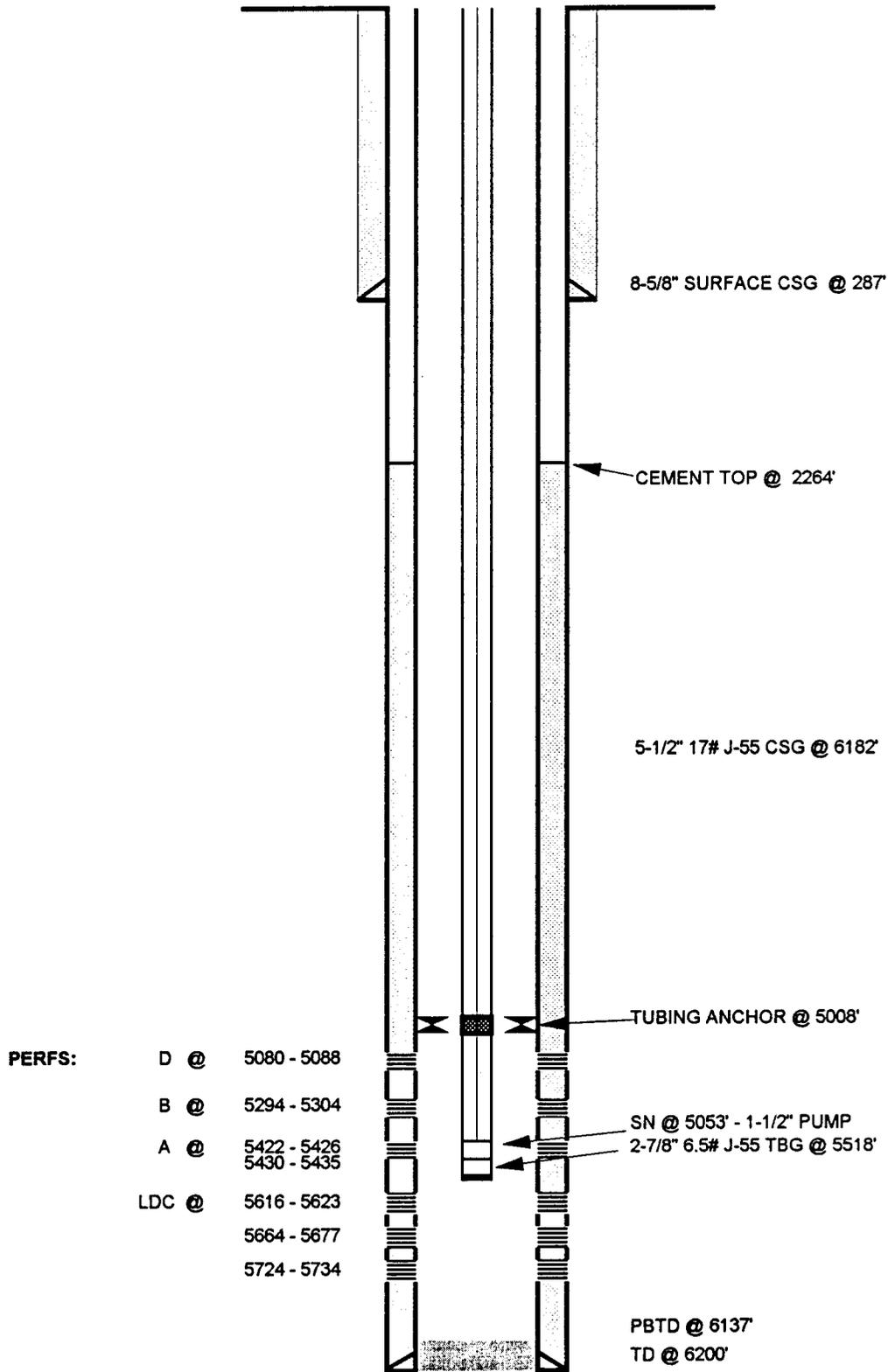
SE/SW SECTION 28 , T8S, R16E

DUCHESNE COUNTY, UT

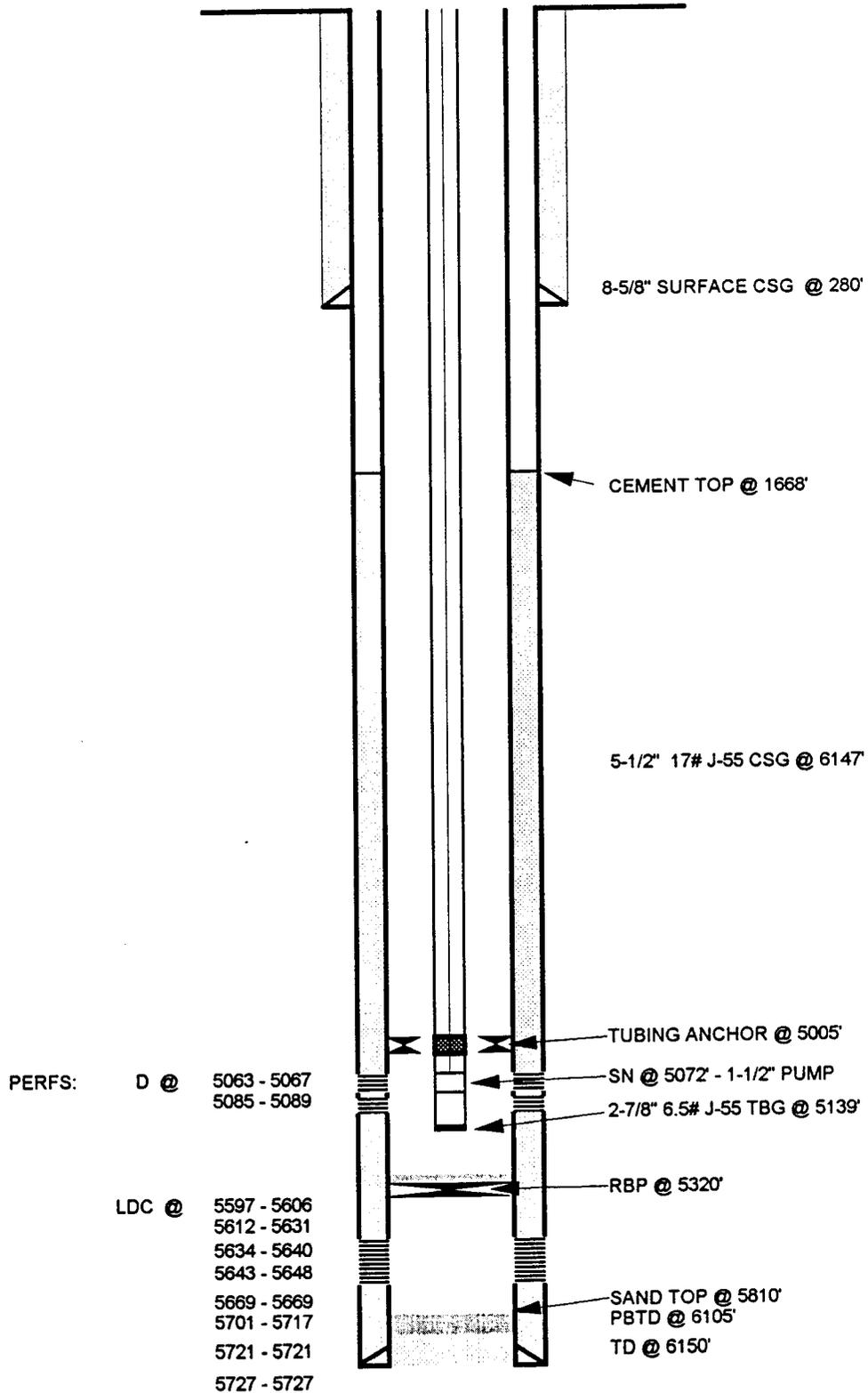
PROPOSED INJECTOR



**TRAVIS FEDERAL #10 - 28**  
NW/SE SECTION 28 , T8S, R16E  
DUCHESNE COUNTY, UT



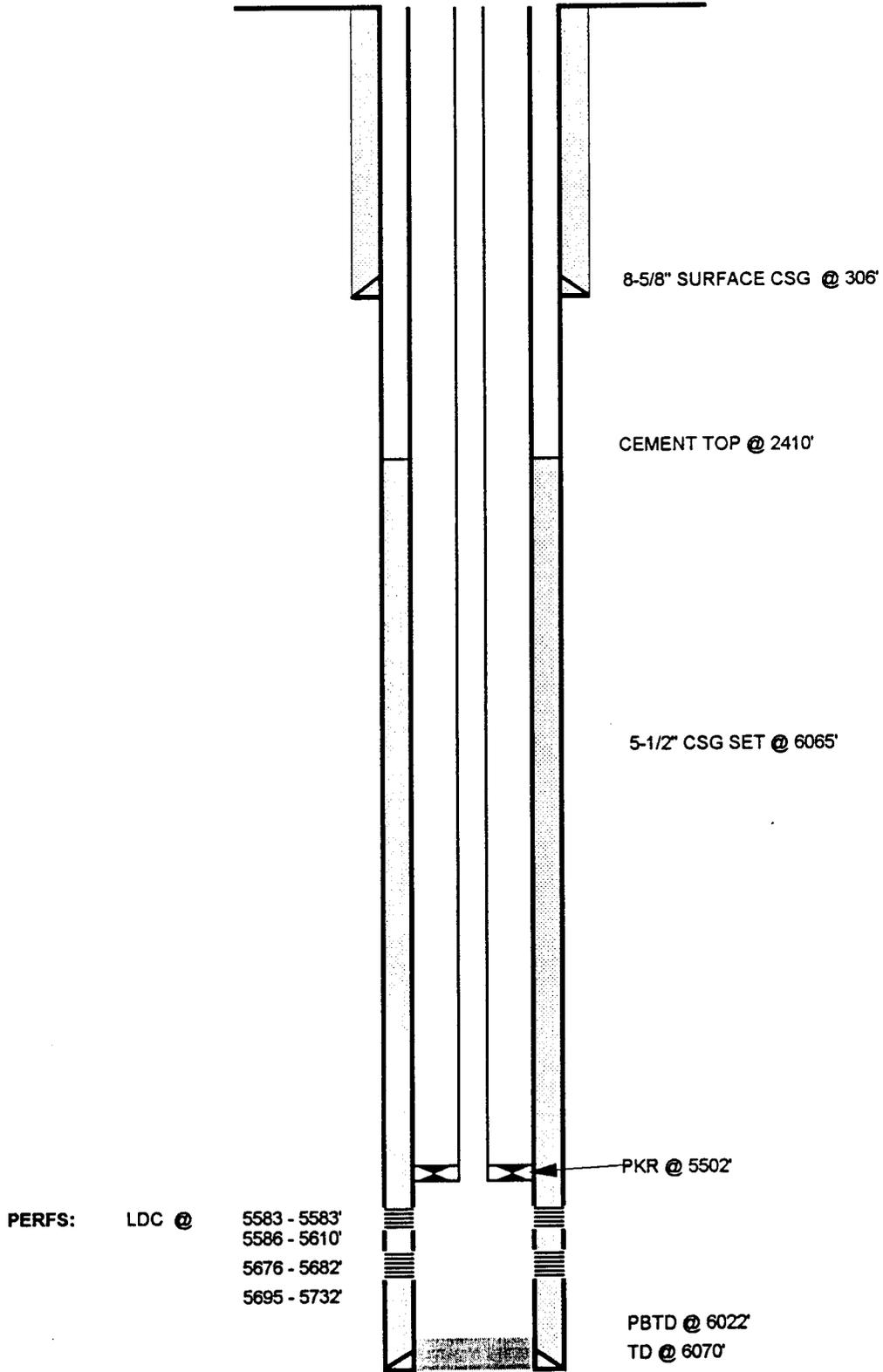
TRAVIS FEDERAL #14-28  
SE/SW SECTION 28, T8S, R16E  
DUCHESNE COUNTY, UT



LN 3/9/93

EXHIBIT B-2

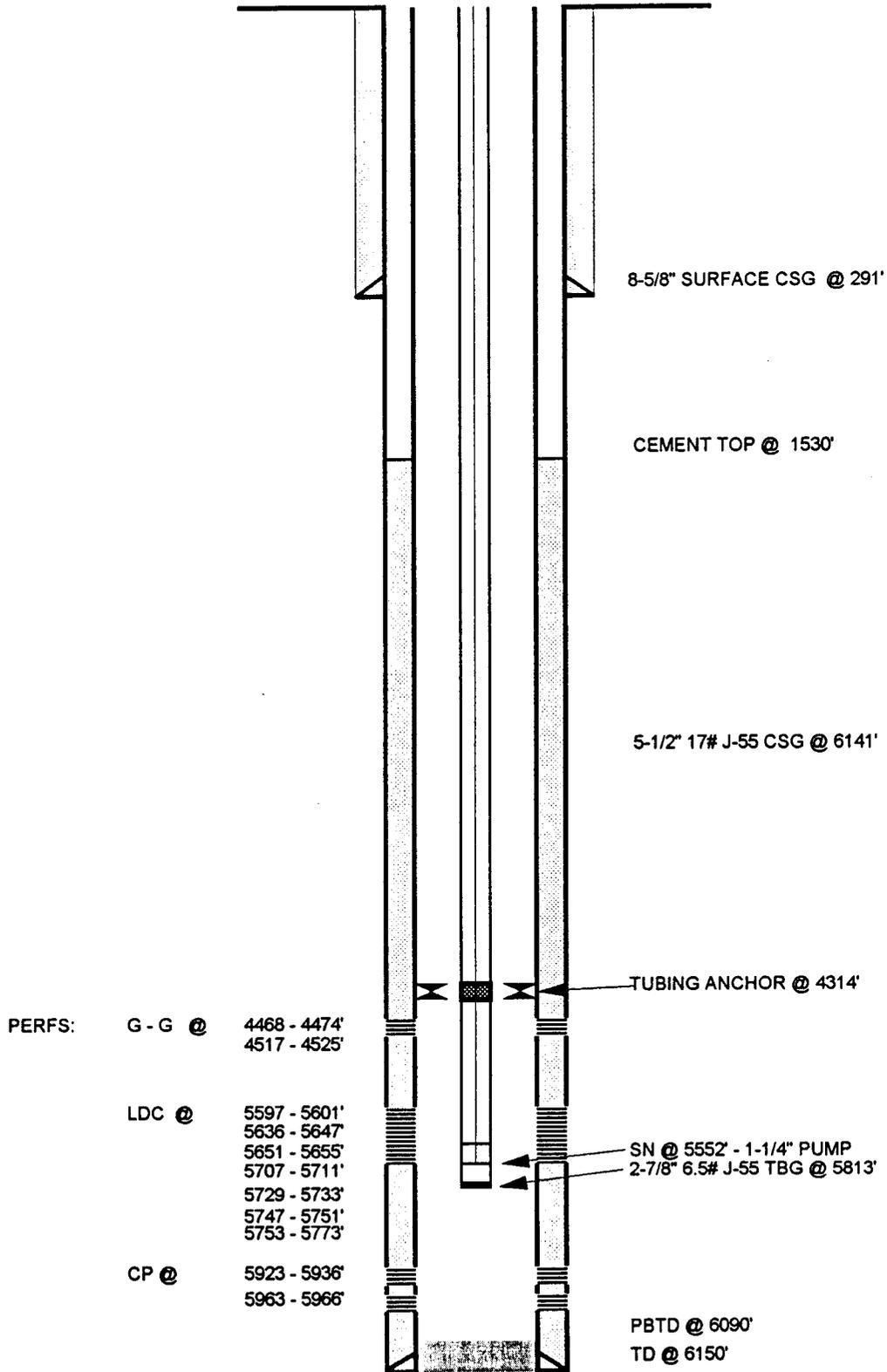
**TRAVIS FEDERAL #15-28**  
SW/SE SECTION 28, T8S, R16E  
DUCHESNE COUNTY, UT



# TRAVIS FEDERAL #2 - 33

NW/NE SECTION 33 , T8S, R16E

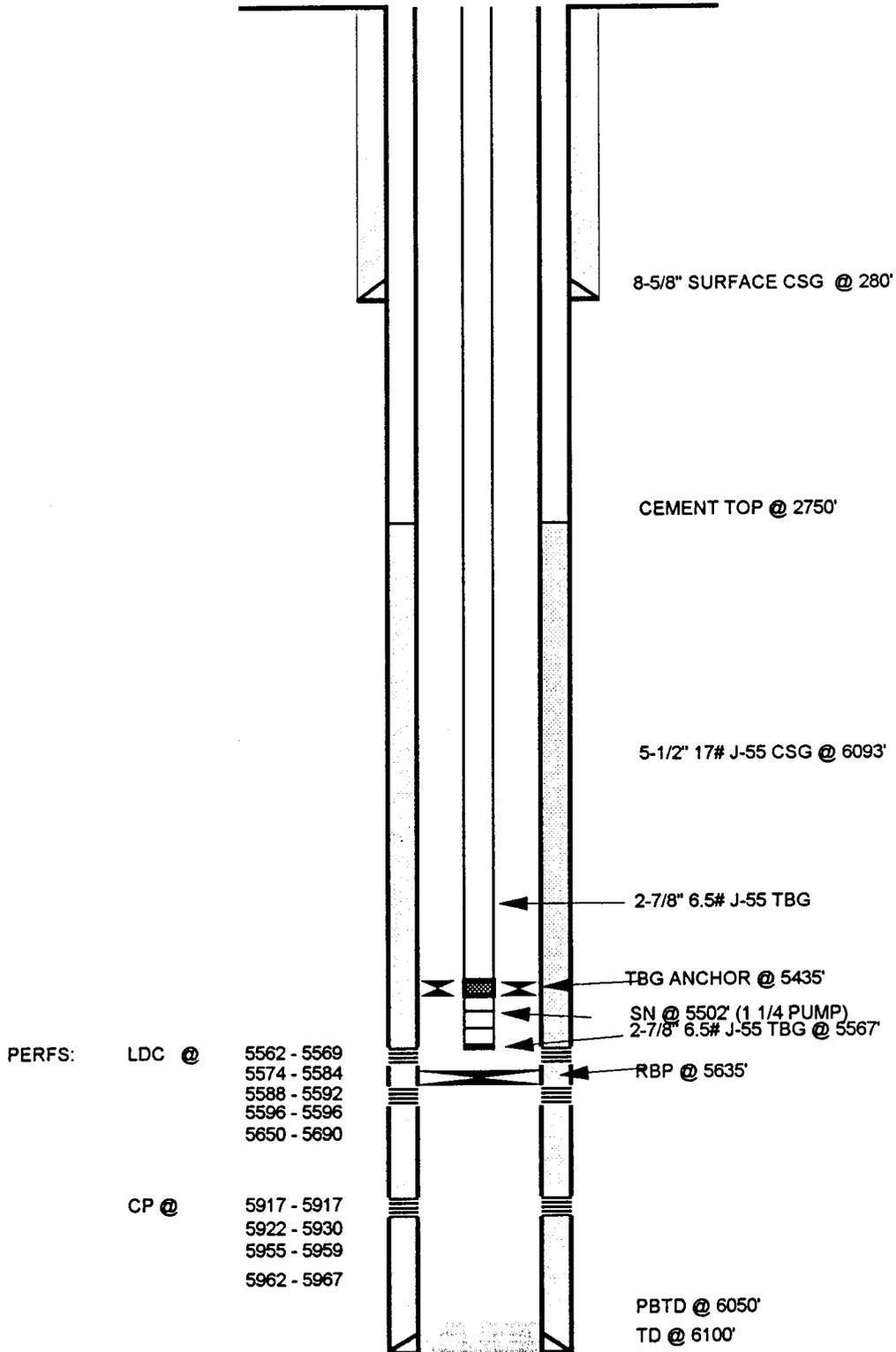
DUCHESNE COUNTY, UT



BM 7-12-93

EXHIBIT B-4

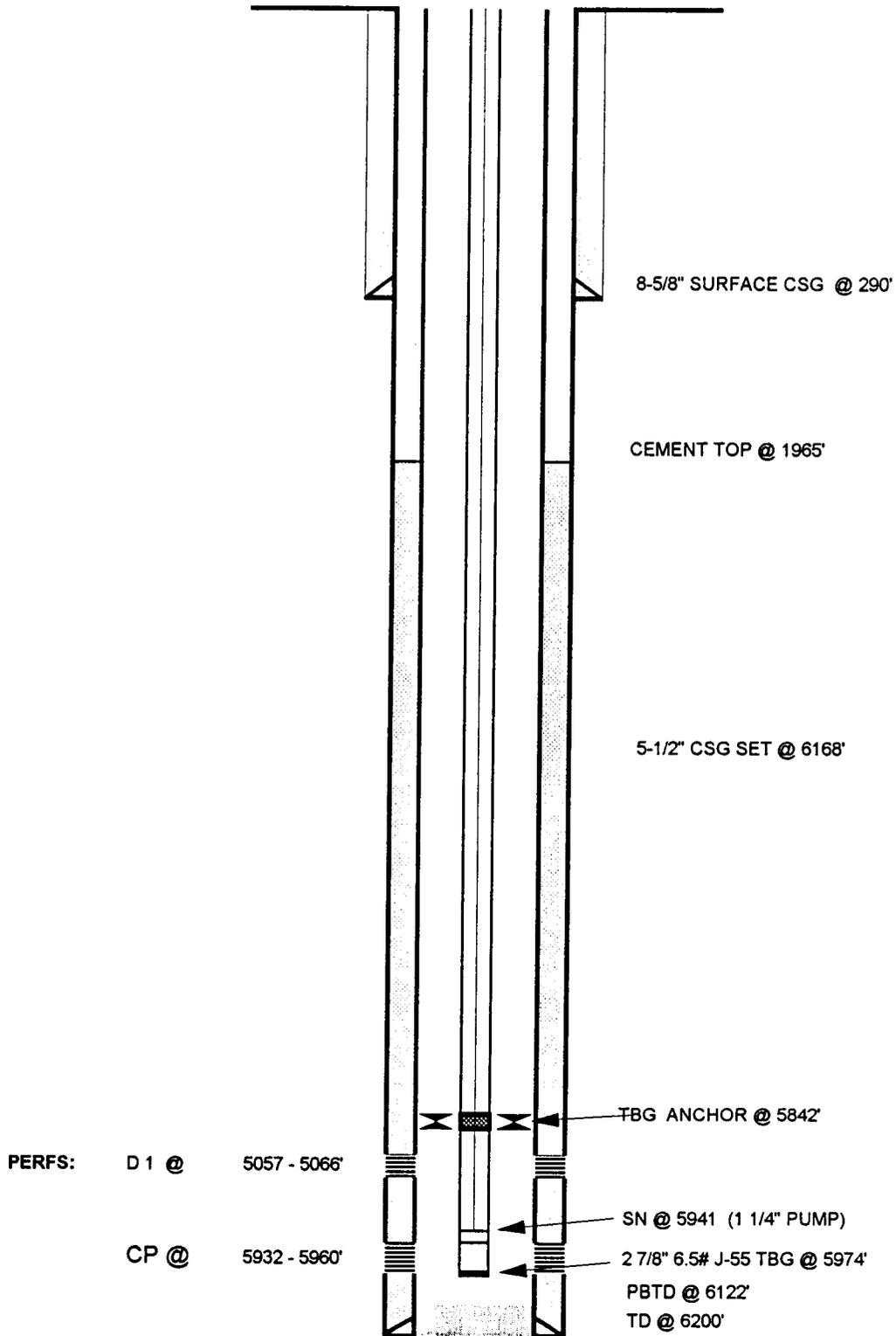
**TRAVIS FEDERAL #3-33**  
NE/NW SECTION 33 , T8S, R16E  
DUCHESNE , UT



BM 6-12-93

EXHIBIT B-5

TRAVIS FEDERAL #6-33  
SE/NW SECTION 33, T8S, R16E  
DUCHESNE COUNTY, UT





P.O. Box 217  
Roosevelt, Utah 84066

Office (801) 722-5066  
Fax (801) 722-5727

# WATER ANALYSIS REPORT

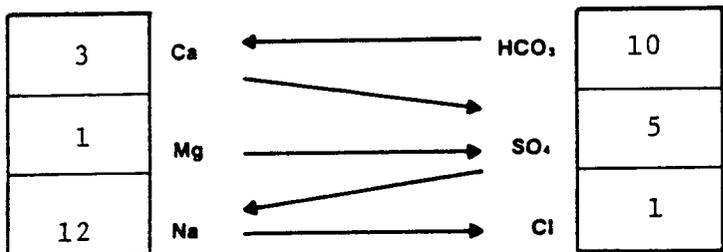
COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: 7-9-93  
SOURCE JOHNSON WATER DATE SAMPLED 7-9-93 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. PH	8.0	
2. H <sub>2</sub> S (Qualitative)	0	
3. Specific Gravity	1.001	
4. Dissolved Solids	1254	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		
8. Bicarbonate (HCO <sub>3</sub> )	610	10
9. Chlorides (Cl)	35	1
10. Sulfates (SO <sub>4</sub> )	260	5
11. Calcium (Ca)	56	3
12. Magnesium (Mg)	17	1
13. Total Hardness (CaCO <sub>3</sub> )	210	12.2
14. Total Iron (Fe)	1.1	
15. Barium (Qualitative)		
16. Phosphate Residuals		

\*Milli equivalents per liter

## PROBABLE MINERAL COMPOSITION

Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		3		243
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50		1		73
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62		6		504
Na HCO <sub>3</sub>	84.00		5		355
Na <sub>2</sub> SO <sub>4</sub>	71.03		1		59
Na Cl	58.46				



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_



P.O. Box 217  
Roosevelt, Utah 84066

Office (801) 722-5066  
Fax (801) 722-5727

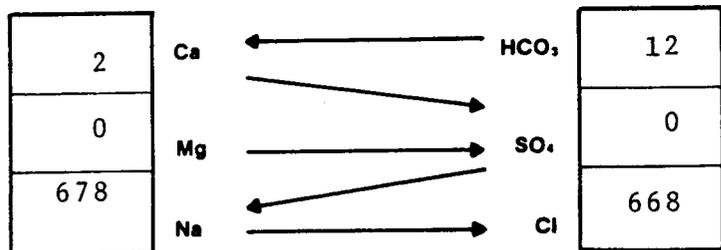
# WATER ANALYSIS REPORT

COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_  
SOURCE Travis 14-A-28 DATE SAMPLED 7-9-93 ANALYSIS NO. \_\_\_\_\_

	Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>8.9</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.033</u>		
4. Dissolved Solids		<u>40,094</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>-</u>		<u>C/MI</u>
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		<u>750</u>	<u>12</u>
8. Bicarbonate (HCO <sub>3</sub> )		<u>750</u>	<u>÷61</u> <u>HCO<sub>3</sub></u>
9. Chlorides (Cl)		<u>23,718</u>	<u>÷35.5</u> <u>668</u> <u>Cl</u>
10. Sulfates (SO <sub>4</sub> )		<u>0</u>	<u>÷48</u> <u>0</u> <u>SO<sub>4</sub></u>
11. Calcium (Ca)		<u>32</u>	<u>÷20</u> <u>2</u> <u>Ca</u>
12. Magnesium (Mg)		<u>0</u>	<u>÷12.2</u> <u>0</u> <u>Mg</u>
13. Total Hardness (CaCO <sub>3</sub> )		<u>90</u>	
14. Total Iron (Fe)		<u>2.6</u>	
15. Barium (Qualitative)			
16. Phosphate Residuals		<u>-</u>	

\*Milli equivalents per liter

## PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>2</u>		<u>162</u>
Ca SO <sub>4</sub>	88.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		<u>10</u>		<u>840</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		<u>668</u>		<u>39,051</u>

Saturation Values	Distilled Water 20° C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



P.O. Box 217  
Roosevelt, Utah 84066

Office (801) 722-5066  
Fax (801) 722-5727

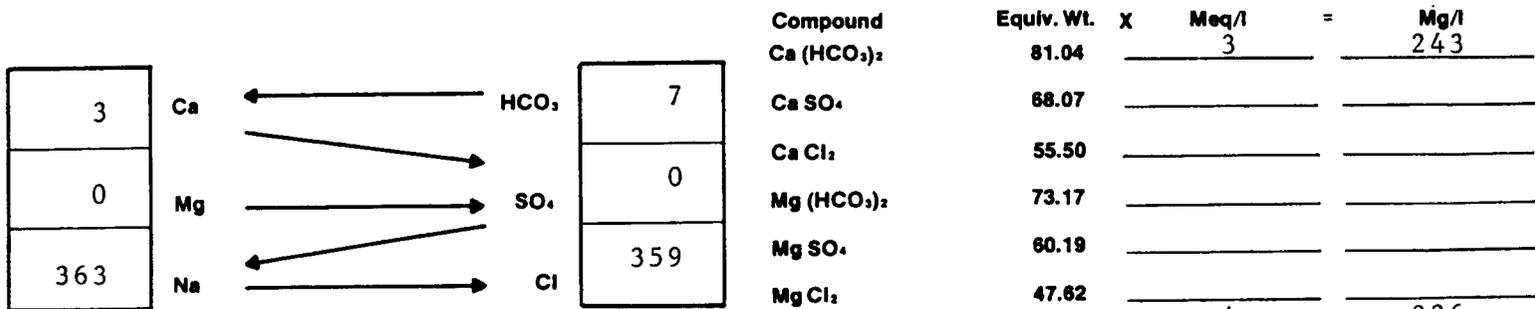
# WATER ANALYSIS REPORT

COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: 7.9  
SOURCE TRAVIS 14-A-28 & Johnson Water ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>8.6</u>	
2. H <sub>2</sub> S (Qualitative)	<u>.5</u>	
3. Specific Gravity	<u>1.017</u>	
4. Dissolved Solids	<u>21,570</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>-</u> C/MI	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		
8. Bicarbonate (HCO <sub>3</sub> )	<u>400</u> ÷61 <u>7</u> HCO <sub>3</sub>	
9. Chlorides (Cl)	<u>12,740</u> ÷35.5 <u>359</u> Cl	
10. Sulfates (SO <sub>4</sub> )	<u>20</u> ÷48 <u>0</u> SO <sub>4</sub>	
11. Calcium (Ca)	<u>56</u> ÷20 <u>3</u> Ca	
12. Magnesium (Mg)	<u>5</u> ÷12.2 <u>0</u> Mg	
13. Total Hardness (CaCO <sub>3</sub> )	<u>160</u>	
14. Total Iron (Fe)	<u>1.6</u>	
15. Barium (Qualitative)		
16. Phosphate Residuals	<u>-</u>	

\*Milli equivalents per liter

## PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>3</u>		<u>243</u>
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		<u>4</u>		<u>336</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		<u>359</u>		<u>20,987</u>

REMARKS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DJS

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : NOTICE OF AGENCY ACTION  
OF LOMAX EXPLORATION CO. FOR :  
ADMINISTRATIVE APPROVAL OF THE : CAUSE NO. UIC-136  
TRAVIS FEDERAL 14A-28 AND TRAVIS :  
FEDERAL 3-33 WELLS LOCATED IN :  
SECTION 28 AND 33 RESPECTIVELY, :  
TOWNSHIP 8 SOUTH, RANGE 16 EAST, :  
S.L.M., DUCHESNE COUNTY, UTAH, :  
AS CLASS II INJECTION WELLS :

---ooOoo---

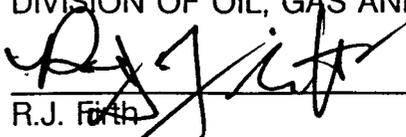
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval for conversion of the Travis Federal 14A-28 and Travis Federal 3-33 Wells, located in Section 28 and 33 respectively, Township 8 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River formation from approximately 5046 feet to 5690 feet in the two wells will be selectively perforated to provide for secondary recovery operations by water-flooding. The estimated average injection pressure for the two wells is 1650 psig or less with a maximum requested injection pressure of 2000 psig. The injection volume will be approximately 1000 barrels of water per day per well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 9th day of August, 1993.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas

**Lomax Exploration Company  
Travis Federal 3-33 and Travis Federal 14A-28 Wells  
Cause No. UIC-136**

Publication Notices were sent to the following:

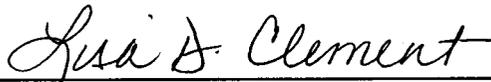
Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

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

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466



---

Lisa D. Clement  
Administrative Secretary  
August 9, 1993



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

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

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

August 9, 1993

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-136

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168





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

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

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

August 9, 1993

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Gentlemen:

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Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168



INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: LUMAX Exploration. Well: Federal 14A-28

Location: section 28 township 8S range 16 E

API #: 43-013-31372 Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board? Yes

Lease Type: Federal Surface Ownership: BLM

Field: \_\_\_\_\_ Unit: TRAVIS Indian Country: NO

UIC Form 1: Yes Plat: Yes Wells in AOR: 5 P 1 I 1 PA

Logs Available: Yes Bond Log: Yes

Casing Program: 8 5/8" c 302 (cont to surface.) 5 1/2" c 6168 cont to surface.

Integrity Test: To be run at conversion

Injection Fluid: Fresh water from Johnson water.

Geologic Information: Injection zone - LDC sand of Green River Formation.

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes.

Fracture Gradient Information: .84 psig/ft Parting Pressure ~2300 psig surface.

Affidavit of Notice to Owners: Yes

Fresh Water Aquifers in Area: Possibly in upper 300 feet

Depth Base of Moderately Saline Water: \_\_\_\_\_

Confining Interval: Shale + Limer of Green River Formation.

Reviewer: D. Janni Date: 8/10/93

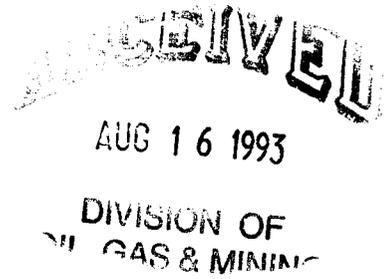
Comments & Recommendation \_\_\_\_\_

**Lomax Exploration Company**

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



August 11, 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: Dan Jarvis

RE: Conversion to Water Injection  
**Travis Federal #14A-28**  
SE/SW Sec 28, T8S, R16E  
**Travis Federal #3-33**  
NE/NW Sec 33, T8S, R16E  
Travis Unit  
Duchesne County, Utah

Dear Dan,

Enclosed are two copies of the downhole drawing for the W. Monument Federal #4-33 you requested. Please include these with the applications for conversion to water injectors, referenced above. Dan, this is the same drawing I faxed to you on 8/11/93.

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

Sincerely,

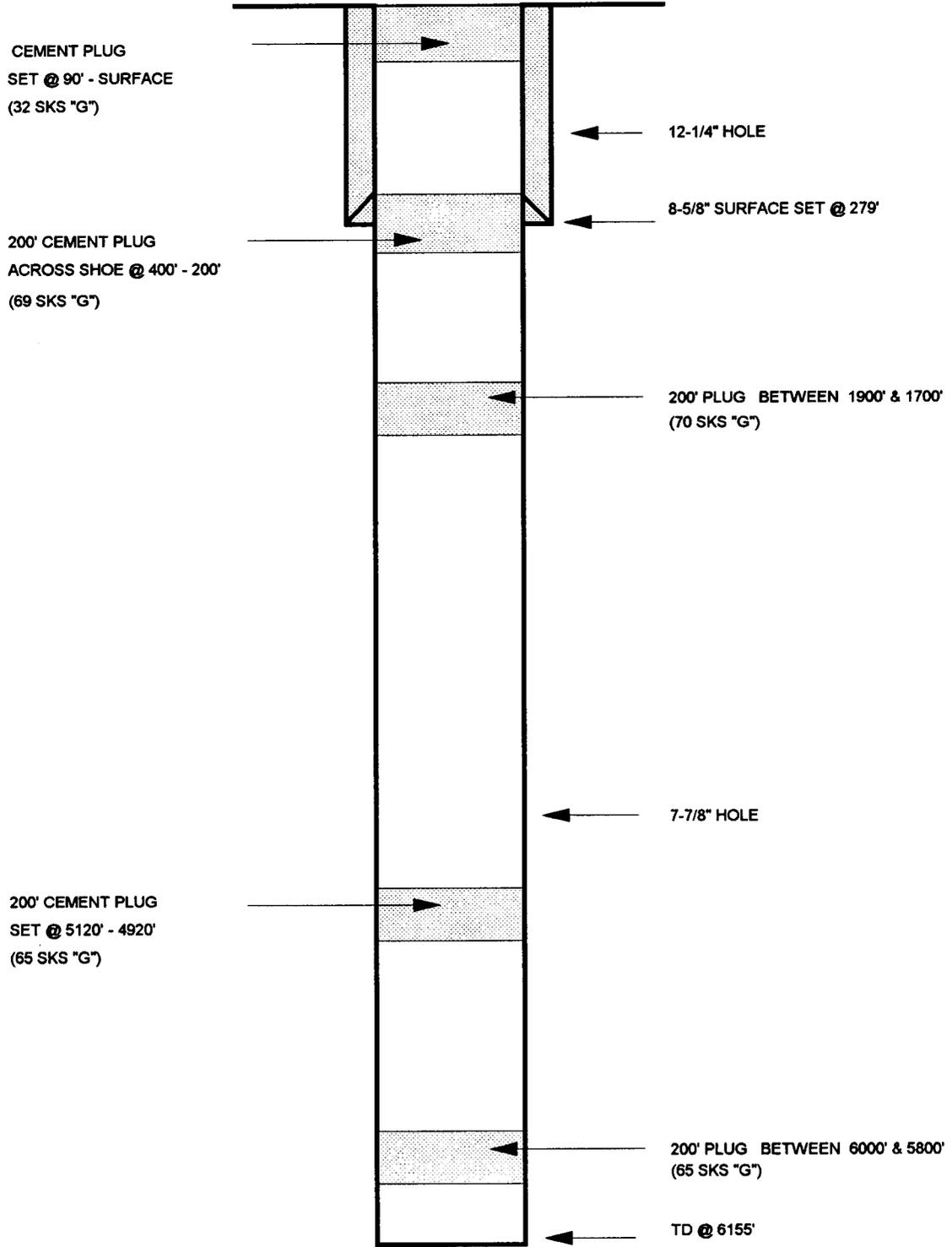
A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Engineering Secretary

/ln  
GOVT\STCNV.DOC

Enclosures

W. MONUMENT FEDERAL #4-33  
NW/NW SEC 33, T8S, R16E  
DUCHESNE CO. UTAH





# AFFIDAVIT OF PUBLICATION

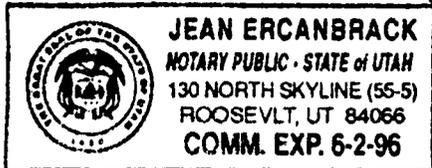
## NOTICE OF AGENCY ACTION

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of Aug, 1993, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of Aug, 1993.

Subscribed and sworn to before me this 26 day of Aug, 1993  
Jean Ercanbrack

Notary Public



CAUSE NO. UIC-136  
IN THE MATTER OF  
THE APPLICATION OF  
LOMAX EXPLORA-  
TION CO. FOR ADMIN-  
ISTRATIVE AP-  
PROVAL OF THE  
TRAVIS FEDERAL  
14A-28 AND TRAVIS  
FEDERAL 3-33 WELLS  
LOCATED IN SECTION  
28 AND 33 RESPEC-  
TIVELY, TOWNSHIP 8  
SOUTH, RANGE 16  
EAST, S.L.M.,  
DUCHEсне COUNTY,  
UTAH, AS CLASS II IN-  
JECTION WELLS

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval for conversion of the Travis Federal 14A-28 and Travis Federal 3-33 Wells, located in Section 28 and 33 respectively, Township 8 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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psig. The injection volume will be approximately 1000 barrels of water per day per well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 9th day of August, 1993.  
STATE OF UTAH DIVISION OF OIL, GAS AND MINING R.J. FIRTH Associate Director, Oil and Gas  
Published in the Uintah Basin Standard August 17, 1993

COPY



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

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

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

August 31, 1993

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

Re: Conversion of the Travis Federal 14A-28 Well Located in Section 28, Township 8 South, Range 16 East, Duchesne County, Utah, to a Class II Injection Well

Gentlemen:

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the Underground Injection Control requirements for operation, maintenance and reporting for Class II injection wells pursuant to Utah Admin. R. 649-1 et seq.
2. Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

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

R.J. Firth  
Associate Director, Oil and Gas

ldc

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal

WUI229

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT  
DECISION DOCUMENT**

**Applicant:** Lomax Exploration                      **Well:** Travis Federal 14A-28 & 3-33

**Location:** Sections 28, 33, T.8 S., R 16 E.

**Ownership Issues:** The 2 proposed injectors are within the Travis Unit which was approved by the Utah Board of Oil, Gas and Mining. The Travis Unit was approved for increased ultimate recovery of oil, there is one existing injection well. The surface within a 1/2 mile radius is owned by the Federal Government and the State of Utah. An affidavit was signed stating that all surface and mineral owners have been notified of the intent to convert the wells to injection.

**Well Integrity:** Both wells have an 8 5/8" surface casing set at 280' and are cemented to surface. The 14A-28 has a 5 1/2" production casing set at 6168' and is cemented to surface. The 3-33 has a 5 1/2" production casing and has a cement top at 2750'. The proposed zone of injection 5046'-5690' (Green River Formation). A 2 7/8" tubing will be set in a packer and set no more than 100 feet above the perforations. A mechanical integrity test will be conducted at the time of conversion. The existing construction will adequately protect all usdw's.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately 200 feet and lies within the Uinta Formation. The confining interval consists of tight sands and shales of the Upper Green River Formation. There are a total of six wells in the area of review and all have adequate mechanical integrity to protect ground water.

**Oil/Gas & Other Mineral Resources Protection:** All correlative rights and mineral interests have been addressed when the waterflood unit was developed.

**Bonding:** Bonds are held by the BLM.

**Actions Taken and Further Approvals Needed:** BLM approval is needed. A notice of agency action was published on August 17th in both the Uinta Basin Standard and the Salt Lake Tribune. It is recommended that the wells be approved in accordance with the conditions set forth in the permit.

DJJ  
Reviewers

08-31-93  
Date

**Lomax Exploration Company**

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



August 31, 1993

RECEIVED

SEP 01 1993

DIVISION OF  
OIL, GAS & MINING

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: **Travis Federal #3-33**  
NE/NW Section 33, T8S, R16E  
**Travis Federal #14A-28**  
SE/SW Section 28, T8S, R16E  
Travis Unit, Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notice and Reports On Wells" requests for approval to lay a 3" high pressure injection line to the #3-33 and a 2" high pressure injection line to the #14A-28.

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

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.  
SL-071572A Unit # UTU68528

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Travis Unit

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

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

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

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 Water supply line  
 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.)

Lomax Exploration Company has submitted an application to convert the Travis Federal #14A-28 well within the Travis Unit to a water injection well. At this time Lomax is requesting approval to install 550' of 2" high pressure injection line to the #14A-28. The line will be coated and buried 5' below the surface and will tie into the 3" line supplying the Travis Federal #3-33. Upon completion of construction, the disturbed area will be reseeded.

RECEIVED

SEP 01 1993

DIVISION OF  
OIL, GAS & MINING

9-2-93

A. J. P.

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

Signed

*Bob Meekem*

Title Regional Production Manager

Date 8/31/93

(This space for Federal or State office use)

Approved by Federal Approval of this  
Conditions of approval, if any: Action is Necessary

Title

Date

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.

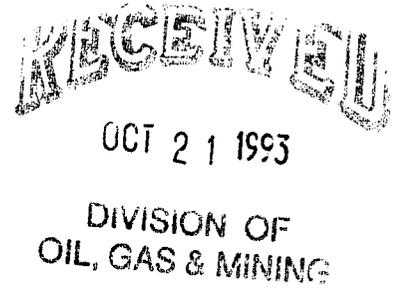
\*See instruction on Reverse Side

**Lomax Exploration Company**

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



October 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  
Attention: Dan Jarvis

RE: **Travis Federal #14A-28**  
SE/SW Section 28, T8S, R16E  
Travis Unit, Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" form 3160-5 reporting the **conversion to water injection** of the Travis Federal #14A-28.

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\Sundry.doc

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-26026A Unit #UTV68528A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

OCT 21 1993

7. If Unit or CA, Agreement Designation

Travis Unit

1. Type of Well

Oil Well  Gas Well  Other **Water Injector**

2. Name of Operator

Lomax Exploration Company

3. Address and Telephone No

801-722-5103

P.O. Box 1446, W. Poleline Rd., Roosevelt, UT 84066

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

2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

8. Well Name and No.

Federal #14A-28

9. API Well No.

43-013-31372

10. Field and Pool, or Exploratory Area

Undesignated

11. County or Parsh. State

Duchesne County, Utah

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 **Casing Integrity Test**  
 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.)

Lomax Exploration Company reports the Federal #14A-28 was converted to a water injection well as follows:

- 1) Hydrotest tbg to 4000# - no leaks.
- 2) Set Mountain States Arrowset I PKR w/13,000# tension @ 4959'. Test to 850#.
- 3) Place well on injection @ 4:45 P.M. on 10/15/93.  
Initial injection = 100 bbls/day Tubing Pressure = 0#
- 4) Ran a casing integrity test on 10/16/93. Pressured up to 710#, held for 70 minutes. 0# on the Tubing. (See attached chart.)

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

Signed

*B. J. Madem*

Title **Regional Production Manager**

Date **10/19/93**

(This space for Federal or State office use)

Approved by

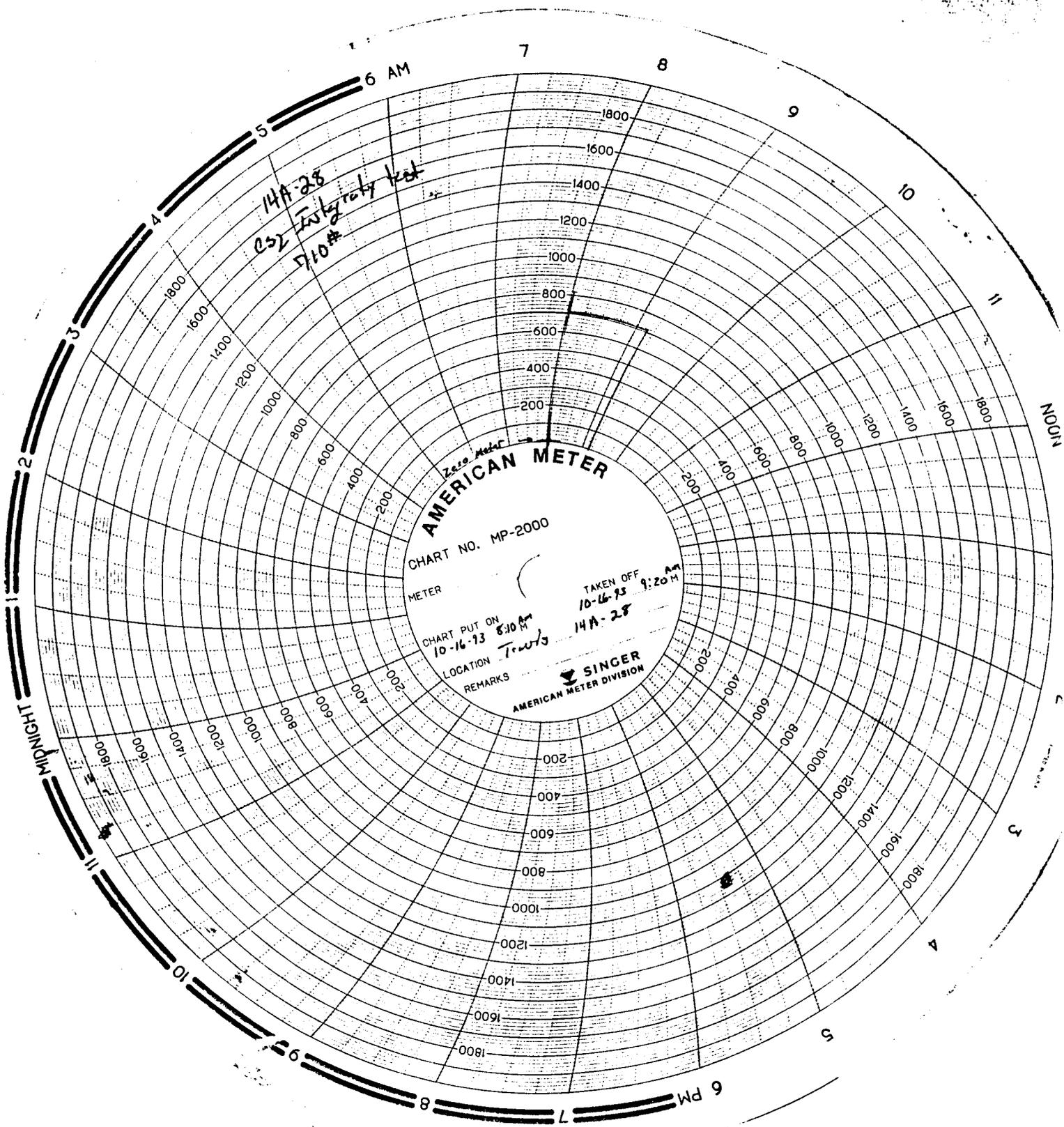
Title

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



14A-28  
CS2 Intensity test  
710#

AMERICAN METER  
CHART NO. MP-2000

METER  
CHART PUT ON 10-16-13 8:30 AM  
LOCATION Trawls  
REMARKS  
TAKEN OFF 10-16-13 9:20 AM  
14A-28

SINGER  
AMERICAN METER DIVISION

**Lomax Exploration Company**

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



November 15, 1993

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

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

RE: *Completion Reports*  
~~XXXXXXXXXXXX-20~~  
SE/SW Section 28, T8S, R16E  
**Travis Federal #3-33**  
NE/NW Section 33, T8S, R16E  
Duchesne County, Utah

Gentlemen:

Please find enclosed the completed "Well Completion Reports" for conversion to water injection of the above referenced locations.

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

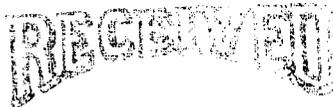
Sincerely,

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

Lucy Nemec  
Engineering Secretary

/In  
GOVT\FDCOMP.LTR

Enclosures 2



NOV 16 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

3. LEASE DESIGNATION AND SERIAL NO.  
SL-071572A Unit #68528A

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Travis Unit

8. FARM OR LEASE NAME

Travis Federal

9. WELL NO.

#14A-28

10. FIELD AND POOL OR WILDCAT

Undesignated

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

Section 28, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

19. ELEV. CASINGHEAD

5629.6' KB

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Injection

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP EN  PLUG BACK  DIFF. RESER.  Other Conversion

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 2273' FWL 107' FSL SE/SW

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31372 DATE ISSUED 9/22/92

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF RKB, RT. GR, ETC.)\* 19. ELEV. CASINGHEAD

5617.6' GR

20. TOTAL DEPTH. MD & TVD 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

6190'

6055'

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

Green River 5046'-54' - Injection Interval

26. TYPE ELECTRIC AND OTHER LOGS RUN

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT. LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	4959'	4953'

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)	
							Injecting
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

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

SIGNED Bob Medburn TITLE Regional Production Mgr. DATE 11/10/93

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

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

Nothing on back of well c.

RECEIVED

NOV 16 1993

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-  
structions 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 Injection

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP EN  PLUG BACK  DIFF. RESER.  Other Conversion

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 2273' FWL 107' FSL SE/SW

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31372 DATE ISSUED 9/22/92

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (OF RKB, RT. GR, ETC.)\* | 19. ELEV. CASINGHEAD  
6190' | 6055' | | 5617.6' GR | 5629.6' KB

20. TOTAL DEPTH, MD & TVD | 21. PLUG. BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL.. HOW MANY\* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS  
6190' | 6055' | | → | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* | 25. WAS DIRECTIONAL SURVEY MADE  
Green River 5046'-54' - Injection Interval |

26. TYPE ELECTRIC AND OTHER LOGS RUN | 27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>2-7/8</u>	<u>4959'</u>	<u>4953'</u>

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)					
		<u>Injecting</u>					
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

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Bob Madson TITLE Regional Production Mgr. DATE 11/10/93

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

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

Nothing on back of w.c.

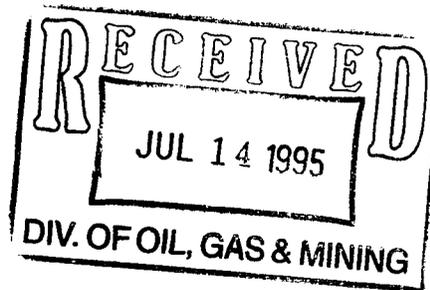
RECEIVED

NOV 16 1993

DIVISION OF  
OIL, GAS & MINING

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



*Announcing*  
*Our Name Change*

*From*

**Lomax Exploration Company**

*To*

**Inland Production  
Company**

*\* N 5160 assigned 7/26/95. Lee*

*Field And Corporate Office Locations Remain The Same:*

**Corporate Office:**

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

**Field Office:**

W. Pole Line Road

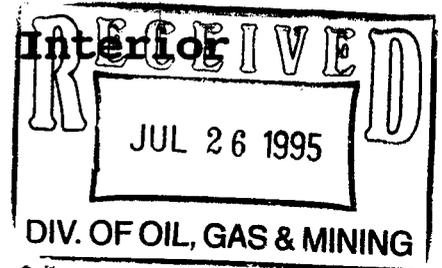
P.O. Box 1446

Roosevelt, Utah 84066

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:  
3100  
SL-065914 et al  
(UT-923)

JUL 25 1995

NOTICE

Inland Production Company : Oil and Gas Leases  
475 Seventeenth St., Ste. 1500 : SL-065914 et al  
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure  
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.  
Hartford Plaza  
Hartford, CT 06115

bc: Moab District Office  
Vernal District Office  
Montana State Office  
Wyoming State Office  
Eastern States Office  
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,  
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180  
Teresa Thompson (UT-922)  
Dianne Wright (UT-923)

**EXHIBIT**

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: \_\_\_\_\_  
 Field or Unit name: TRAVIS UNIT API no. \_\_\_\_\_  
 Well location: 00 section     township 8S range 16E county Duchesne  
 Effective Date of Transfer: June 29, 1995

**CURRENT OPERATOR**

Transfer approved by:

Name Chris A Potter Company Lomax Exploration Company  
 Signature *Chris A Potter* Address 475 17th Street, Ste 1500  
 Title Attorney-in-Fact Denver, Colorado 80202  
 Date August 1, 1995 Phone (303 ) 292-0900  
 Comments: \_\_\_\_\_

**NEW OPERATOR**

Transfer approved by:

Name Chris A Potter Company Inland Production Company  
 Signature *Chris A Potter* Address 475 17th Street, Ste 1500  
 Title Attorney-in-Fact Denver, Colorado 80202  
 Date August 1, 1995 Phone (303 ) 292-0900  
 Comments: \_\_\_\_\_

(State use only)  
 Transfer approved by *Chris A Potter* Title *Attorney-in-Fact*  
 Approval Date 8-7-95

**Lomax Exploration Company**

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources  
Attention: Ms Becky Pritchett  
355 W. North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204

**RE: Corporate Name Change**

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Chris A Potter".

Chris A Potter, CPL  
Manager of Land



The State of Texas

Secretary of State  
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY  
2200 ONE GALLERIA TWR, 13355 NOEL RD, LB48  
DALLAS ,TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00

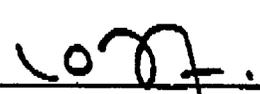
IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,



  
Antonio O. Garza, Jr., Secretary of State



The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY  
CHARTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS, HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995



  
Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
LOMAX EXPLORATION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. **Name.** The name of the corporation is LOMAX EXPLORATION COMPANY.
2. **Statement of Amendment.** The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:  

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."
3. **Shareholders.** The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.
4. **Adoption by Shareholders.** Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.
5. **Adoption by Board of Directors.** The Board of Directors adopted said amendment by a consent in writing signed by all Directors.
6. **Future Effective Date.** This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

  
\_\_\_\_\_  
Kyle R. Miller, President

FAX COVER SHEET



RESOURCES INC.  
475 17th Street, Suite 1500  
Denver, CO 80202  
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

---

RE: Transfer of Authority to Inject  
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: (GIL) *[initials]*

1-MLC 7-PL	<input checked="" type="checkbox"/>
2-LWP 8-SJ	<input checked="" type="checkbox"/>
3-DTS 9-FILE	<input checked="" type="checkbox"/>
4-VLC	<input checked="" type="checkbox"/>
5-RJF	<input checked="" type="checkbox"/>
6-LWP	<input checked="" type="checkbox"/>

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

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

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM (former operator)	<u>LOMAX EXPLORATION COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 1446</u>
	<u>ROOSEVELT UT 84066</u>		<u>ROOSEVELT UT 84066</u>
	<u>KEBBIE JONES</u>		<u>KEBBIE JONES</u>
	phone ( <u>801</u> ) <u>722-5103</u>		phone ( <u>801</u> ) <u>722-5103</u>
	account no. <u>N 5160</u>		account no. <u>N 0580</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31370</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7/14/95)*
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Sec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: \_\_\_\_\_ *(7-28-95)*
- Sec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-95)*
- Sec* 6. Cardex file has been updated for each well listed above. *8-16-95*
- Sec* 7. Well file labels have been updated for each well listed above. *8-22-95*
- Sec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-95)*
- Sec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. *8/23/95 just to Ed Bunker*

FILMING

- 1. All attachments to this form have been microfilmed. Date: August 30 1995.

FILING

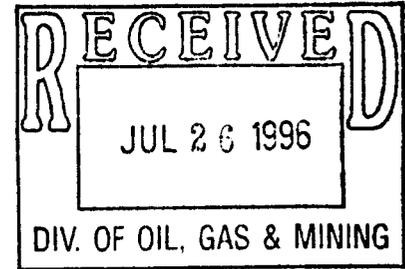
- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

*950726 BLM/SL Apprv. eff. 6-29-95.*

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓LOMAX	4-35/43-013-30605	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓LOMAX	43-013-30624	STATE 5-36	08S	16E	36	INJW mL22061	N
✓LOMAX	43-013-30592	STATE 1-36	08S	16E	36	INJW mL22061	N
✓LOMAX	43-013-30787	12-32	08S	17E	32	INJW mL22060	Y
✓LOMAX	43-013-30779	FED.15-28	08S	16E	28	INJW U26026A	N
✓LOMAX	43-013-31372	14A-28	08S	16E	28	INJW <del>U68528A</del>	N UTSLO91572A
✓LOMAX	13-32/43-013-31403	GILSONITE ST	08S	17E	32	INJW mL22060	Y
✓LOMAX	43-013-30658	GILSONITE 7-32	08S	17E	32	INJW mL22060	Y
✓LOMAX	8-34/43-013-30843	MONUMENT BUT	08S	16E	34	INJW U16535	Y
✓LOMAX	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW U34173	N
✓LOMAX	15-35/43-013-31264	MONUMENT FED	08S	16E	35	INJW U16535	N
✓LOMAX	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW U16535	N
✓LOMAX	2-35/43-013-30606	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓LOMAX	3-35/43-013-30608	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓LOMAX	13-35/43-013-30745	MONUMENT BUT	08S	16E	35	INJW U16535	N



*State of Utah  
Division of Oil, Gas & Mining  
Attn: Dan Jarvis  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801*

**RE: MECHANICAL INTEGRITY TESTS**

*Dear Dan:*

*As per your request on Tuesday, July 30, 1996 we will conduct csg integrity tests on the following wells:*

*Monument Butte Federal #3-35  
Monument Butte Federal #5-35  
Monument Butte State #1-36*

*This testing will begin at 9:30 A.M. and we'll start with the Monument Butte Federal #5-35. You had requested testing on the Travis Federal #14A-28. This well was put on injection in October of 1993 and a csg integrity test was conducted then. I'm enclosing copies of the Sundry Notice and Pressure Chart from that test.*

*If you have any questions or need further information, please don't hesitate to call me.*

*Sincerely,*

*Kebbie S. Jones*  
Kebbie S. Jones  
Production Secretary

*Enclosures*

*/kj*

RECEIVED NOV 25 1993

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No  
U-26026A Unit #UTV68528A

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other Water Injector

2. Name of Operator  
Lomax Exploration Company

3. Address and Telephone No  
801-722-5103  
P.O. Box 1446, W. Poleline Rd., Roosevelt, UT 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2273' FWL 107' FSL SE/SW Section 28, T8S, R16E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Travis Unit

8. Well Name and No.  
Federal #14A-28

9. API Well No.  
43-013-31372

10. Field and Pool, or Exploratory Area  
Undesignated

11. County or Parish, State  
Duchesne County, Utah

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>Casing Integrity Test</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 checked="" 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 Federal #14A-28 was converted to a water injection well as follows:

- 1) Hydrotest tbg to 4000# - no leaks.
- 2) Set Mountain States Arrowset I PKR w/13,000# tension @ 4959'. Test to 850#.
- 3) Place well on injection @ 4:45 P.M. on 10/15/93.  
Initial injection = 100 bbls/day Tubing Pressure = 0#
- 4) Ran a casing integrity test on 10/16/93. Pressured up to 710#, held for 70 minutes. 0# on the Tubing. (See attached chart.)

RECEIVED  
JUL 26 1996  
DIV. OF OIL, GAS & MINING

RECEIVED  
OCT 21 1993

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

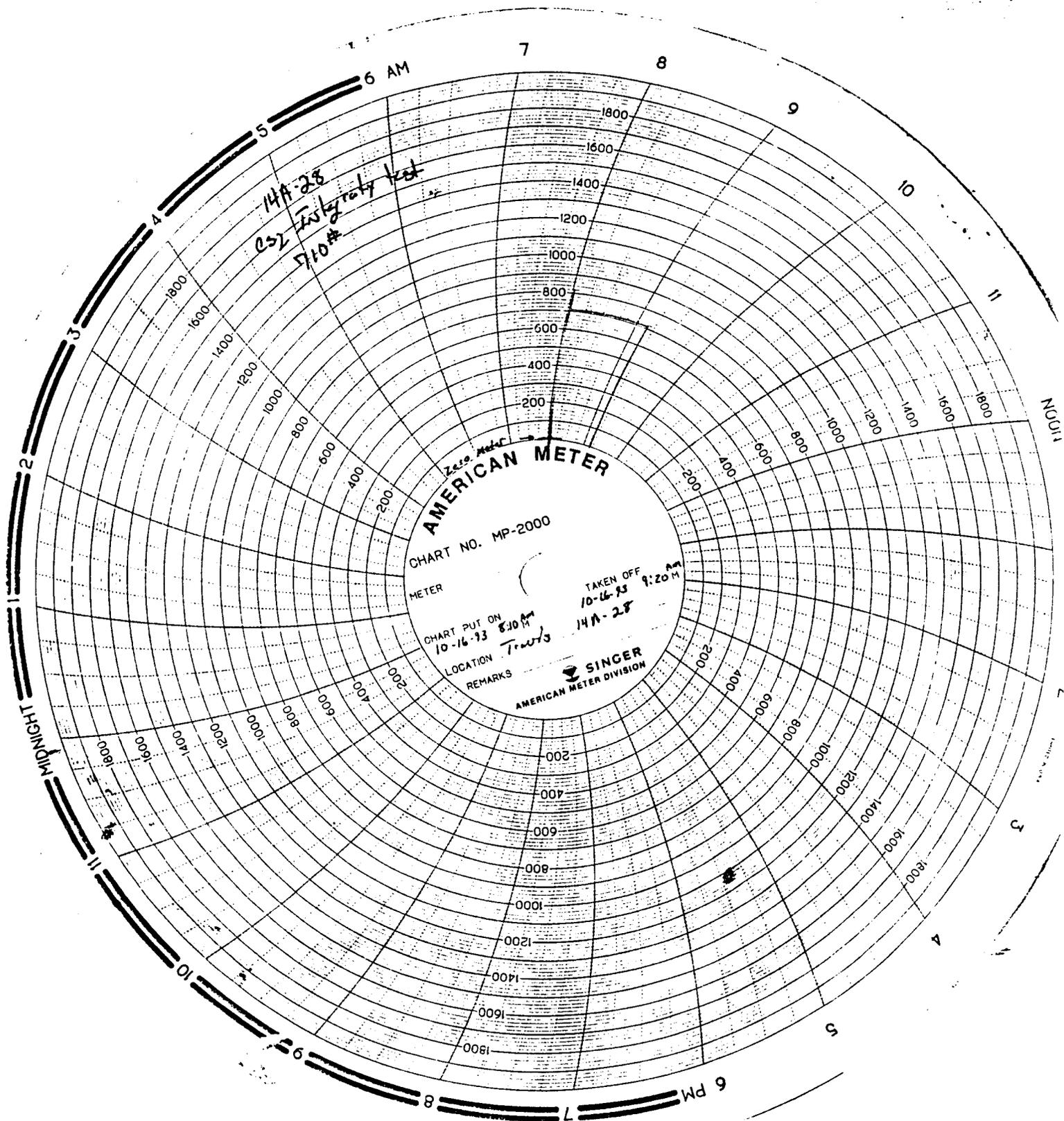
Signed B. Madem Title Regional Production Manager Date 10/19/93

(This space for Federal or State office use)

Approved by **NOTED** Title \_\_\_\_\_ Date NOV 4 1993

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.



RECEIVED  
OCT 21 1993

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

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

OIL WELL  GAS WELL  OTHER  **Injection well**

2. NAME OF OPERATOR  
**INLAND PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NUMBER  
**Rt. 3 Box 3630, Myton Utah 84052  
435-646-3721**

4. LOCATION OF WELL  
Footages **2273 FWL 107 FSL**  
QQ, SEC, T, R, M: **SE/SW**

5. LEASE DESIGNATION AND SERIAL NO.  
**SL-071572A**

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**TRAVIS**

8. WELL NAME and NUMBER  
**FEDERAL 14A-28**

9. API NUMBER  
**43-013-31372**

10. FIELD AND POOL, OR WILDCAT  
**MONUMENT BUTTE**

COUNTY **DUCHESNE**  
STATE **UTAH**

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

NOTICE OF INTENT:  
(Submit in Duplicate)

ABANDON  NEW CONSTRUCTION

REPAIR CASING  PULL OR ALTER CASING

CHANGE OF PLANS  RECOMPLETE

CONVERT TO INJECTION  REPERFORATE

FRACTURE TREAT OR ACIDIZE  VENT OR FLARE

MULTIPLE COMPLETION  WATER SHUT OFF

OTHER MIT

SUBSEQUENT REPORT OF:  
(Submit Original Form Only)

ABANDON\*  NEW CONSTRUCTION

REPAIR CASING  PULL OR ALTER CASIN

CHANGE OF PLANS  RECOMPLETE

CONVERT TO INJECTION  REPERFORATE

FRACTURE TREAT OR ACIDIZE  VENT OR FLARE

OTHER \_\_\_\_\_

DATE WORK COMPLETED \_\_\_\_\_  
Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\*Must be accompanys by a cement verification report.

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

The subject injection well was shut in in 1993 due to water break through in adjacent producing wells. The well is due for a 5 year mechanical integrity test but has developed communication with the tubing. Inland is reviewing the geology in the Travis Unit with the intent to isolate injection intervals and return the well to injection.

Therefore, Inland is requesting permission to keep the well shut and repair the tubing leak when the well is worked over. A MIT will be conducted and submitted to the DOGM prior to commencing injection.

13. NAME & SIGNATURE: Michael Guinn TITLE District Engineer DATE 10/27/00

(This space for State use only)

4/94  
**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

\* See Instructions On Reverse Side

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NOV 01 2000

DIVISION OF  
OIL, GAS AND MINING

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

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>SL-071572A</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		7. UNIT AGREEMENT NAME <b>TRAVIS</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/SW Section 28, T8S R16E 2273 FWL 107 FSL</b>		8. FARM OR LEASE NAME <b>FEDERAL 14A-28</b>	
14 API NUMBER <b>43-013-31372</b>		9. WELL NO. <b>FEDERAL 14A-28</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5618 GR</b>		10. FIELD AND POOL OR WILDCAT <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/SW Section 28, T8S R16E</b>	
		12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>Tubing Leak</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

The subject well developed a leak in the tubing. A rig moved on and repaired the leak on 5/27/03. On 5/27/03 Mr. Dennis Ingram w/State DOGM was notified and gave permission to conduct a MIT on the casing. On 5/29/03 the casing was pressured to 1265 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Kristina Russell TITLE Production Clerk DATE 5/30/2003  
Kristina Russell

cc: BLM  
(This space for Federal or State office use)

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

Accepted by the  
\* See Instructions On Reverse Side  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED  
JUN 02 2003  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 5 / 29 / 03 Time 11:30  am  pm

Test Conducted by: BRET HENRIC

Others Present: \_\_\_\_\_

Well: <u>TRAVIS 14A-20-8-16</u>	Field: <u>TRAVIS UNIT</u>
Well Location: <u>SE 1/4 SW Sec 20, T8S-R1E</u>	API No: <u>43-013-31372</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1265</u>	psig
5	<u>1265</u>	psig
10	<u>1265</u>	psig
15	<u>1265</u>	psig
20	<u>1265</u>	psig
25	<u>1265</u>	psig
30 min	<u>1265</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Bret Henric

TRAVIS  
14A-28-8-16

TRAVIS UNIT

1130 A

5/29 03

1240 P

5/29 03

Set



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04  
Title: Tech. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No. Unit: TRAVIS

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON BUTTE FED 13-27	27	080S	160E	4301331611	10628	Federal	WI	A
MONUMENT BUTTE FED 15-27-8-16	27	080S	160E	4301331786	10628	Federal	OW	DRL
MONUMENT BUTTE FED 16-27	27	080S	160E	4301331899	10628	Federal	OW	P
FEDERAL 15-28	28	080S	160E	4301330779	10628	Federal	WI	A
FEDERAL 14-28	28	080S	160E	4301330792	10628	Federal	OW	S
WEST MONUMENT 10-28	28	080S	160E	4301330856	10628	Federal	OW	S
FEDERAL 14A-28	28	080S	160E	4301331372	10628	Federal	WI	A
TRAVIS FEDERAL 16-28	28	080S	160E	4301331590	10628	Federal	OW	P
TRAVIS FED 9-28	28	080S	160E	4301331941	10628	Federal	WI	A
TRAVIS 11-28-8-16	28	080S	160E	4301332333		Federal	OW	LA K
TRAVIS 12-28-8-16	28	080S	160E	4301332334		Federal	OW	LA K
TRAVIS 13-28-8-16	28	080S	160E	4301332335		Federal	OW	LA K
FEDERAL 3-33	33	080S	160E	4301330693	10628	Federal	WI	A
FEDERAL 6-33	33	080S	160E	4301330747	10628	Federal	OW	P
FEDERAL 2-33	33	080S	160E	4301330749	10628	Federal	OW	P
TRAVIS FED 5-33	33	080S	160E	4301331435	10628	Federal	WI	A
TRAVIS FEDERAL 8-33	33	080S	160E	4301331503	10628	Federal	OW	P
TRAVIS FED 1-33	33	080S	160E	4301331603	10628	Federal	WI	A
MON FED 5-34	34	080S	160E	4301331499	10628	Federal	WI	A
MONUMENT BUTTE FED 6-34	34	080S	160E	4301331504	10628	Federal	OW	P
MON BUTTE FED 3-34	34	080S	160E	4301331518	10628	Federal	WI	A
MONUMENT BUTTE FED 4-34 (I)	34	080S	160E	4301331669	10628	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

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

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

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

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

**INJECTION WELL - PRESSURE TEST**

Federal

Well Name: Trap 14 Apr 8 API Number: 43 013- 31372  
 Qtr/Qtr: SE/SW Section: 28 Township: 8S Range: 16E  
 Company Name: NEWFIELD

Lease: State                      Fee                      Federal  Indian                       
 Inspector: Danue Jay Date: 4-16-08

Initial Conditions:

Tubing - Rate: Ø Pressure: 1620 psi  
 Casing/Tubing Annulus - Pressure: 1200 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1200</u>	<u>1620</u>
5	<u>1200</u>	<u>1620</u>
10	<u>1200</u>	<u>1620</u>
15	<u>1200</u>	<u>1620</u>
20	<u>1200</u>	<u>1620</u>
25	<u>1200</u>	<u>1620</u>
30	<u>1200</u>	<u>1620</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1620 psi  
 Casing/Tubing Annulus Pressure: 1200 psi

COMMENTS: 5 year Test - Not in use

[Signature]  
 Operator Representative

**RECEIVED**  
**APR 16 2008**  
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA SL-071572-A

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
TRAVIS UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 14A-28-~~216~~

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331372

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 107 FSL 2273 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 28, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 04/16/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/14/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 4/16/08. On 4/16/08 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1620 psig during the test. There was a State representative available to witness the test.

(Dennis Ingram)  
API # 43-013-31372

Accepted by the  
Utah Division of  
Oil, Gas and Mining

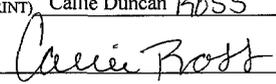
Date: 04-28-08  
By: 

COPY SENT TO OPERATOR

Date: 4-28-2008

Initials: KS

NAME (PLEASE PRINT) Callie Duncan ROSS TITLE Production Clerk

SIGNATURE  DATE 04/22/2008

(This space for State use only)

**RECEIVED**  
**APR 24 2008**  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Dennis J. [Signature] Date 4/16/08 Time \_\_\_\_\_ am pm  
Test Conducted by: Gordon Womack  
Others Present: \_\_\_\_\_

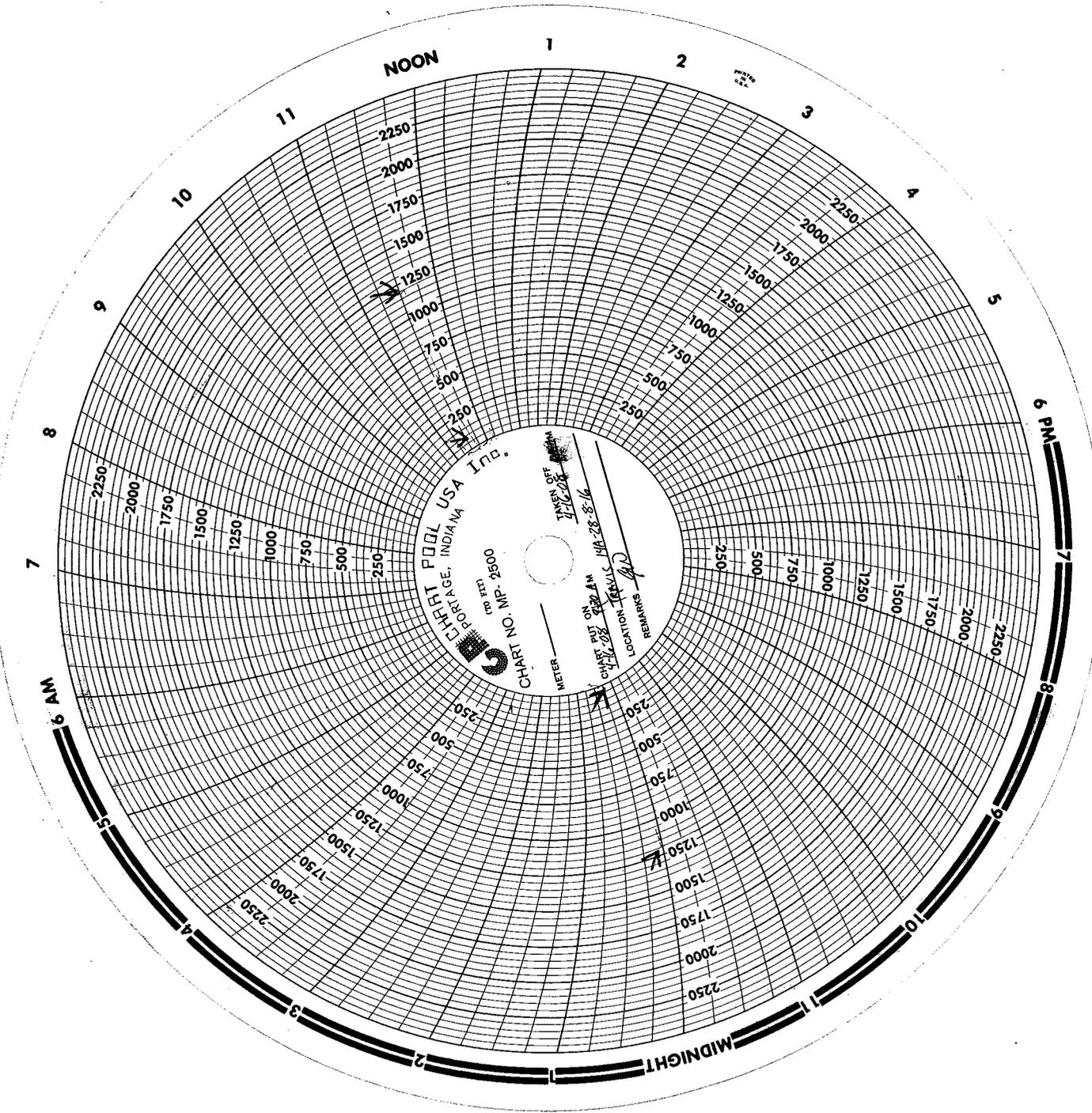
Well: TRAVIS 14A-28-8-16	Field: Monument Butte
Well Location: SE/SW SCL 28 T8S-R16E Duchesne County, UT	API No: 43-013-31372

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1200</u>	psig
25	<u>1200</u>	psig
30 min	<u>1200</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1620 psig

Result: Pass Fail

Signature of Witness: Dennis J. [Signature]  
Signature of Person Conducting Test: [Signature]



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MIDNIGHT

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTSL-071572A	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>8. WELL NAME and NUMBER:</b> FEDERAL 14A-28	
<b>9. API NUMBER:</b> 43013313720000	
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>COUNTY:</b> DUCHESNE	
<b>STATE:</b> UTAH	
<b>1. TYPE OF WELL</b> Water Injection Well	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	
<b>PHONE NUMBER:</b> 435 646-4825 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0107 FSL 2273 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 28 Township: 08.0S Range: 16.0E Meridian: S	

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

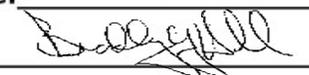
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/19/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 03/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 03/19/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 410 psig during the test. There was a State representative available to witness the test - Chris Jensen

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

**Date:** March 25, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/20/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721  
5YR MIT

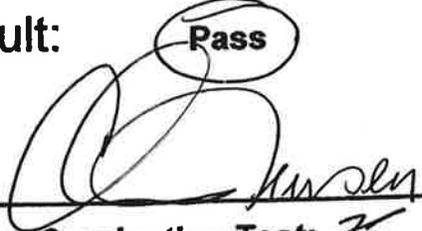
Witness: Chris Jensen Date 3/19/13 Time 9:00  am  pm  
Test Conducted by: Kody Olson  
Others Present: \_\_\_\_\_

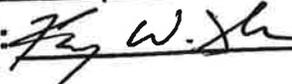
Well: FEDERAL 14A-28-8-16 Field: MONUMENT BUTTE  
Well Location: SE/SW SEC. 28, T8S, R16E API No: 43-013-31372  
DUCHESNE CTY, UTAH UTV 87538X

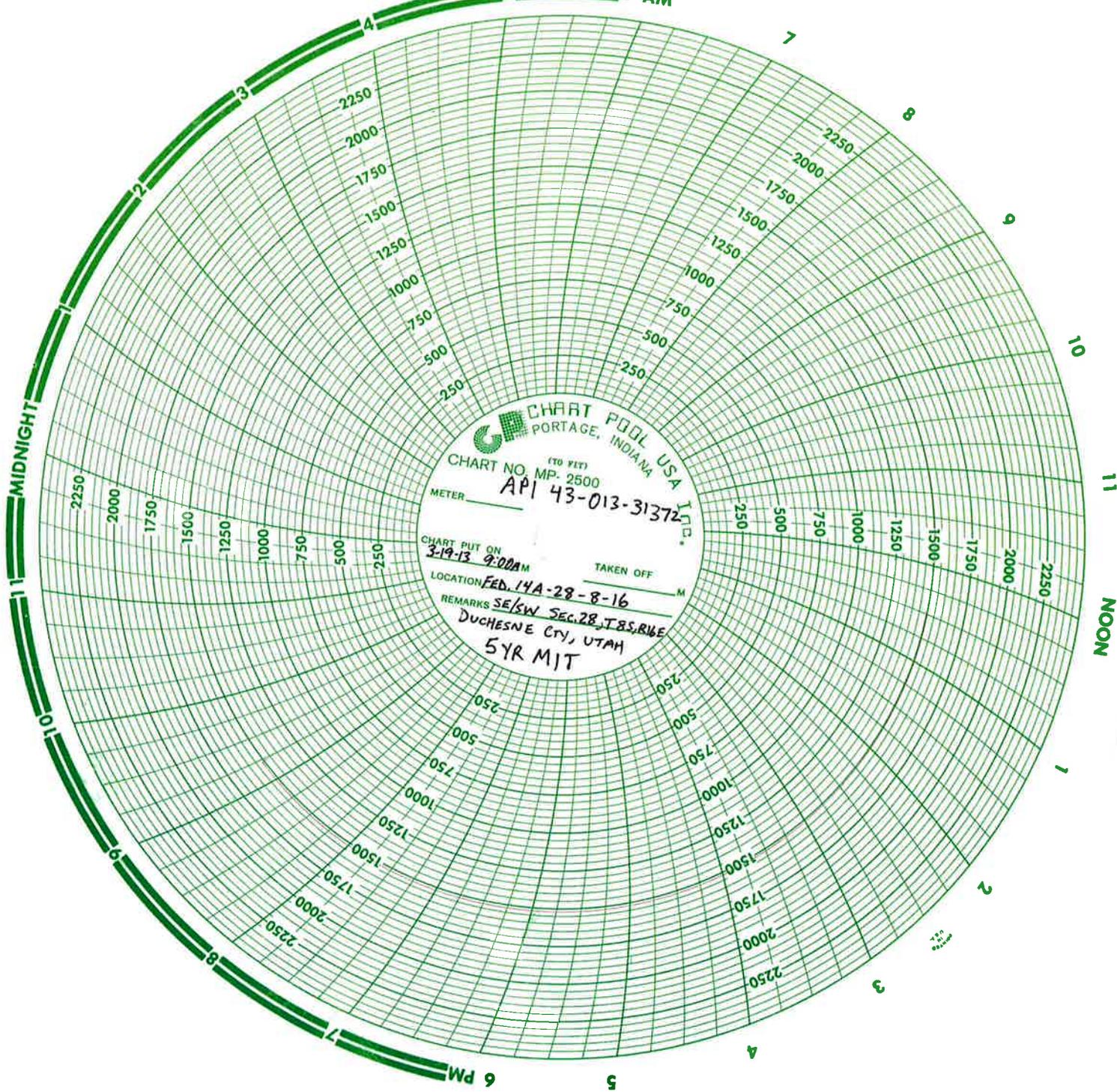
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 410 psig

Result:  Pass  Fail

Signature of Witness: 

Signature of Person Conducting Test: 



# Travis Fed 14A-28-8-16

Spud Date: 10/5/92  
 Put on Injection: 10/13/93  
 GL: 5617' KB: 5629'

Initial Production: 147 BOPD,  
 170 MCFPD, 5 BWPD

## SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.61')  
 DEPTH LANDED: 301.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 516 sxs Class G cmt, est 15 bbls to surf.

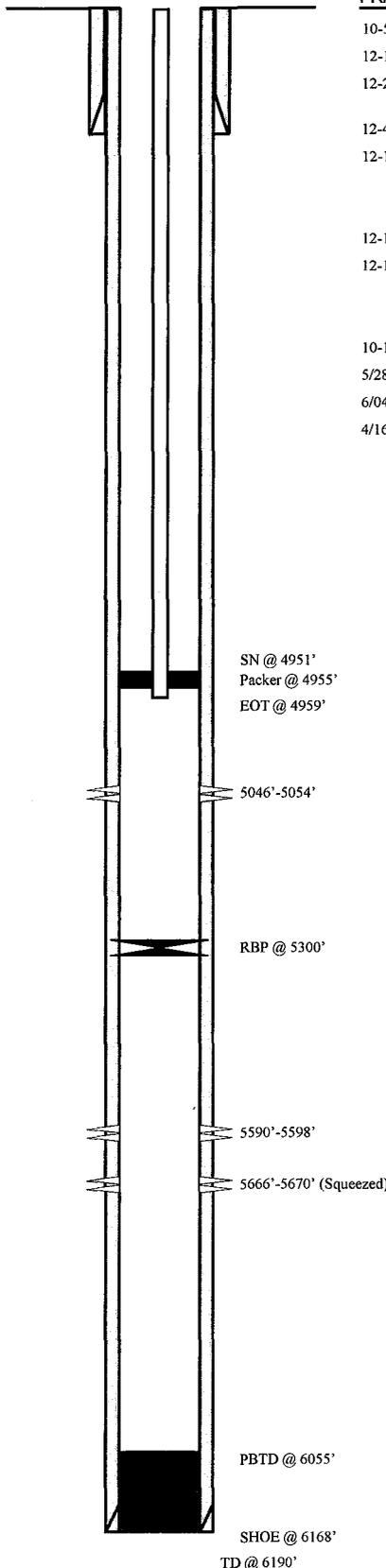
## PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6171.57')  
 DEPTH LANDED: 6168.27' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 148 sks Hilift mixed & 353 sks 50/50 Poz/G mixed  
 236 sks Hilift mixed & 133 sks 50/50 Poz/G mixed  
 CEMENT TOP AT: Surface

## TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 160 jts (4939.02')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4951.02' KB  
 PACKER: 4955.32'  
 TOTAL STRING LENGTH: EOT @ 4959.32'

## Injection Well Wellbore Diagram



## FRAC JOB

10-5-92	Spud Well
12-1-92	Perf. 5,666'-5,670'
12-2-92	Squeeze LODC zone and as follows: Squeezed with 100 sks "G" cement
12-4-92	Perf. 5,590'-5,598'
12-10-92	Frac LODC zone as follows: Total 8,400 gal, 22,300# 16/30 sd Max TP 2,800 @ 20 BPM Avg TP 2,100 @ 20 BPM ISIP 2,050, after 5 min. 2,000
12-16-92	Perf. 5,046'-5,054'
12-17-92	Frac D-2 zone as follows: Totals 13,200 gal, 33,000# 16/30sd Max TP 5,000 @ 20 BPM Avg TP 2,200 @ 19 BPM ISIP 2,500, after 5 min. 2,350
10-13-93	Converted to Water Injector
5/28/03	Packer leak. Update tubing detail.
6/04/03	Update entire WBD.
4/16/08	5 Year MIT completed and submitted.

## PERFORATION RECORD

12/01/92	5666'-5670'	4 JSPF	16 holes
12/04/92	5590'-5598'	4 JSPF	32 holes
12/16/92	5046'-5054'	4 JSPF	32 holes



**Travis Federal #14A-28-8-16**  
 2273' FWL & 107' FSL  
 SE/SW Section 28-T8S-R16E  
 Duchesne Co, Utah

API # 43-013-31372; Lease # SL-071572A