

RECEIVED

April 19, 1984

APR 23 1984

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

DIVISION OF OIL  
GAS & MINING

LOMAX EXPLORATION COMPANY  
APD/NTL-6 Transmittal  
Cottonwood Ridge Ute Tribal #1-7  
Sec 7, T5S, R4W  
Duchesne County, Utah

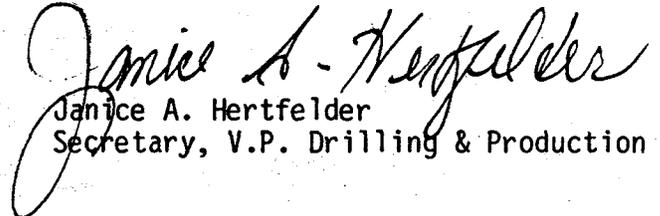
Gentlemen:

Enclosed please find the original and three (3) copies of the APD/NTL-6 Transmittal on the subject well.

It is requested that a copy of the approval be mailed to Lomax's Roosevelt office at P.O. Box 1446, Roosevelt, Utah 84066.

Please advise if you need additional information.

Very truly yours,

  
Janice A. Hertfelder  
Secretary, V.P. Drilling & Production

JH  
Enclosures (4)

cc: State of Utah  
Division of Oil & Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

Bureau of Indian Affairs  
Realty Property Management Office  
Uinta & Ouray Agency  
Ft. Duchesne, Utah 84026

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276  
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

 District Office: 248 North Union • Roosevelt, Utah 84066  
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
BIA-14-20-H62-3407

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cottonwood Ridge Ute Triba

9. WELL NO.  
#1-7

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 7, T5S, R4W

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  
P.O.Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 508' FNL & 807' FEL NE/NE  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
22 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 508

16. NO. OF ACRES IN LEASE 310.87

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6382' GR

22. APPROX. DATE WORK WILL START\* May, 1984

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'	To Surface
7 7/8"	5 1/2"	17#	TD	As Required

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APR 23 1984

DIVISION OF OIL  
GAS & MINING

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

DATE: 4/19/84  
BY: [Signature]

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 [Signature] G.L. Pruitt TITLE V.P., Drilling & Production DATE April 19, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

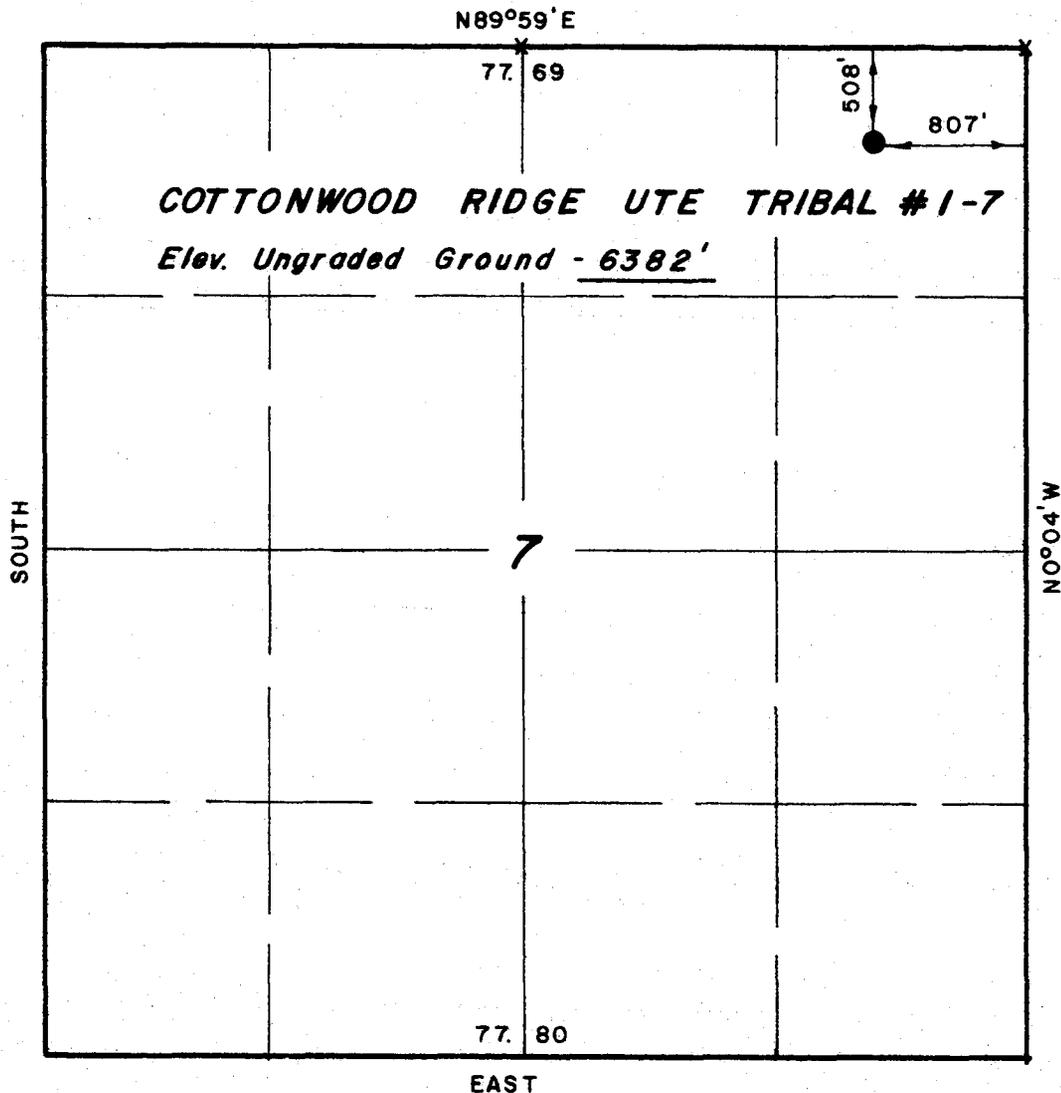
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

T 5 S, R 4 W, U.S.B. & M.

PROJECT  
**LOMAX EXPLORATION CO.**

Well location, **COTTONWOOD  
 RIDGE UTE TRIBAL #1-7**, located  
 as shown in the NE 1/4 NE 1/4  
 Section 7, T5S, R4W, U.S.B. & M.  
 Duchesne County, Utah.



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

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

X = Section Corners Located

SCALE	1" = 1000'	DATE	3/23/84
PARTY	R.K. D.B. S.B.	REFERENCES	6 LO Plat
WEATHER	Fair	FILE	LOMAX

TEN POINT WELL PROGRAM

COTTONWOOD RIDGE UTE TRIBAL #1-7  
NE/NE Sec 7, T5S, R4W  
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	1300'
Wasatch	6000'

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

Green River	4000'-5000'	Oil
-------------	-------------	-----

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; Set @ 300'

5 1/2", J-55, 17#; Set @ TD

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

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

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

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

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or 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 approximately May 10, 1984.

LOMAX EXPLORATION CO.

13 Point Surface Use Plan

For

Well Location

Cottonwood Ridge Ute Tribal #1-7

Located In

Section 7, T5S, R4W, U.S.B. & M.

Duchesne County, Utah

LOMAX EXPLORATION

Cottonwood Ridge Ute Tribal #1-7  
Section 7, T5S, R4W, U.S.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION CO. well location site Cottonwood Ridge Ute Tribal #1-7 located in the NE 1/4 NE 1/4 Section 7, T5S, R4W, U.S.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 8.8 miles + to the Junction of this Highway and the Sowers Canyon Road to the South; proceed Southerly along this county road 7.1 miles to its junction with an existing road to the West; proceed in a Westerly direction along this road approximately 1.2 miles to an existing oil well; proceed on Westerly along an unimproved dirt road 4.6 miles to the beginning of the proposed access road. (To be discussed in Item #2)

The highway mentioned in the foregoing paragraph is a bituminous surfaced road all other 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 last 4.6 miles of existing road will require upgrading which will meet the requirements in Item #2.

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

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

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing dirt road described in Item #1 in the SW 1/4 SE 1/4 Section 6, T5S, R4W, U.S.B. & M., and proceeds in a Southeasterly direction approximately 0.3 miles to the proposed location site.

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

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culvert required along this access road.

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

LOMAX EXPLORATION

Cottonwood Ridge Ute Tribal #1-7  
Section 7, T5S, R4W, U.S.B. & M.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

The lands involved in this action are under "private ownership.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There are no known wells within a one mile radius of this location site. (See Topographic Map "B").

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no known existing LOMAX EXPLORATION CO. wells within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access roads approximately 6 miles from Antelope Creek at a point where it crosses under the Antelope Canyon road Section 6, T5S, R3W, U.S.M.

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

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site

LOMAX EXPLORATION  
Cottonwood Ridge Use Tribal #1-7  
Section 7, T5S, R4W, U.S.B. & M.

and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

#### 7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

#### 8. ANCILLARY FACILITIES

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

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

LOMAX EXPLORATION

Cottonwood Ridge Ute Tribal #1-7  
Section 7, T5S, R4W, U.S.B. & M.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 6.5 miles to the Northwest of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is

LOMAX EXPLORATION

Cottonwood Ridge Ute Tribal #1-7  
Section 7, T5S, R4W, U.S.B. & M.

common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Cottonwood Ridge Ute Tribal #1-7 is located approximately 2500' North of Sowers Canyon a non-perennial drainage which runs to the Northeast.

The terrain in the vicinity of the location slopes from the West to the East at approximately 18% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

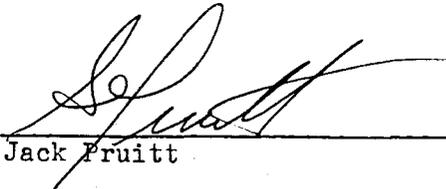
12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

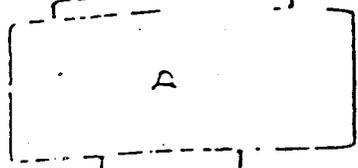
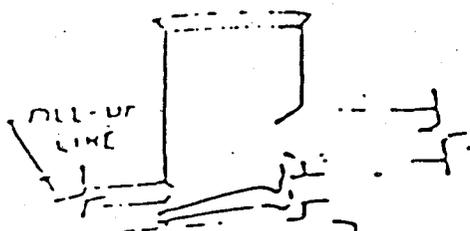
Jack Pruitt  
Lomax-Exploration Co.  
P.O. Box 4503  
Houston, TX 77210-4503  
1-713-931-9276

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION CO. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/19/84  
Date \_\_\_\_\_

  
Jack Pruitt \_\_\_\_\_



Shaffer Spherical  
10" 900

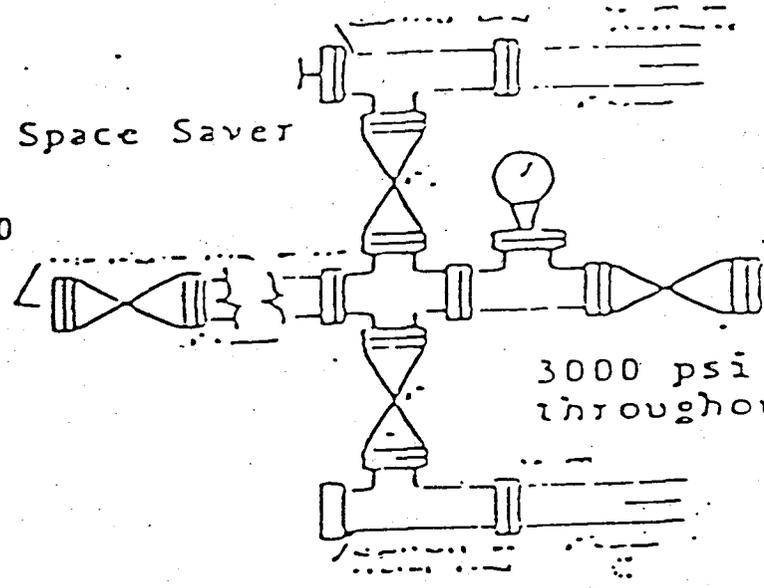


Cameron Space Saver



10" 900

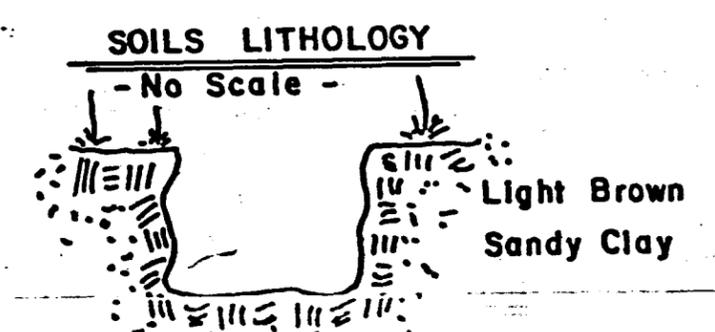
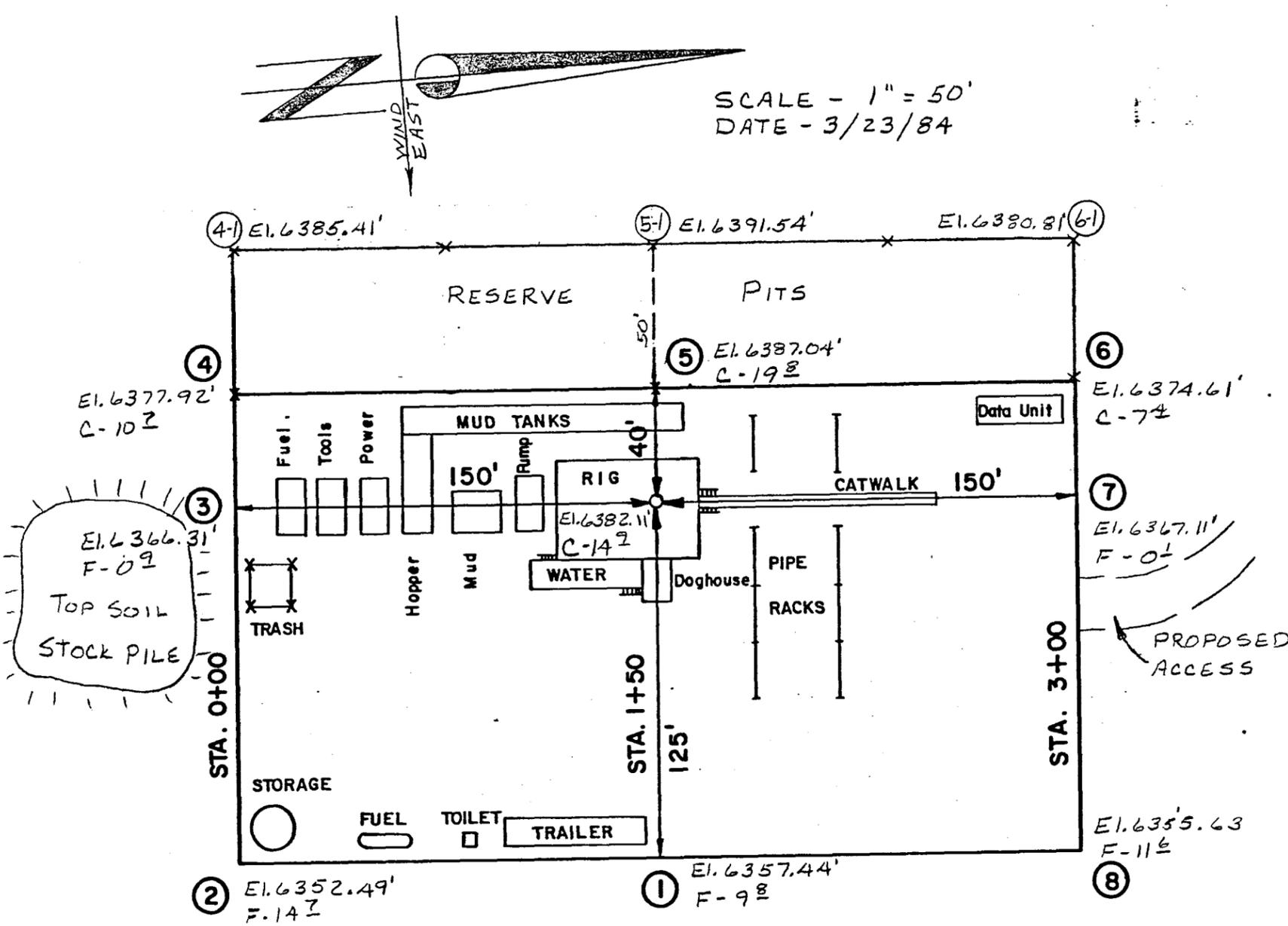
Colinghead



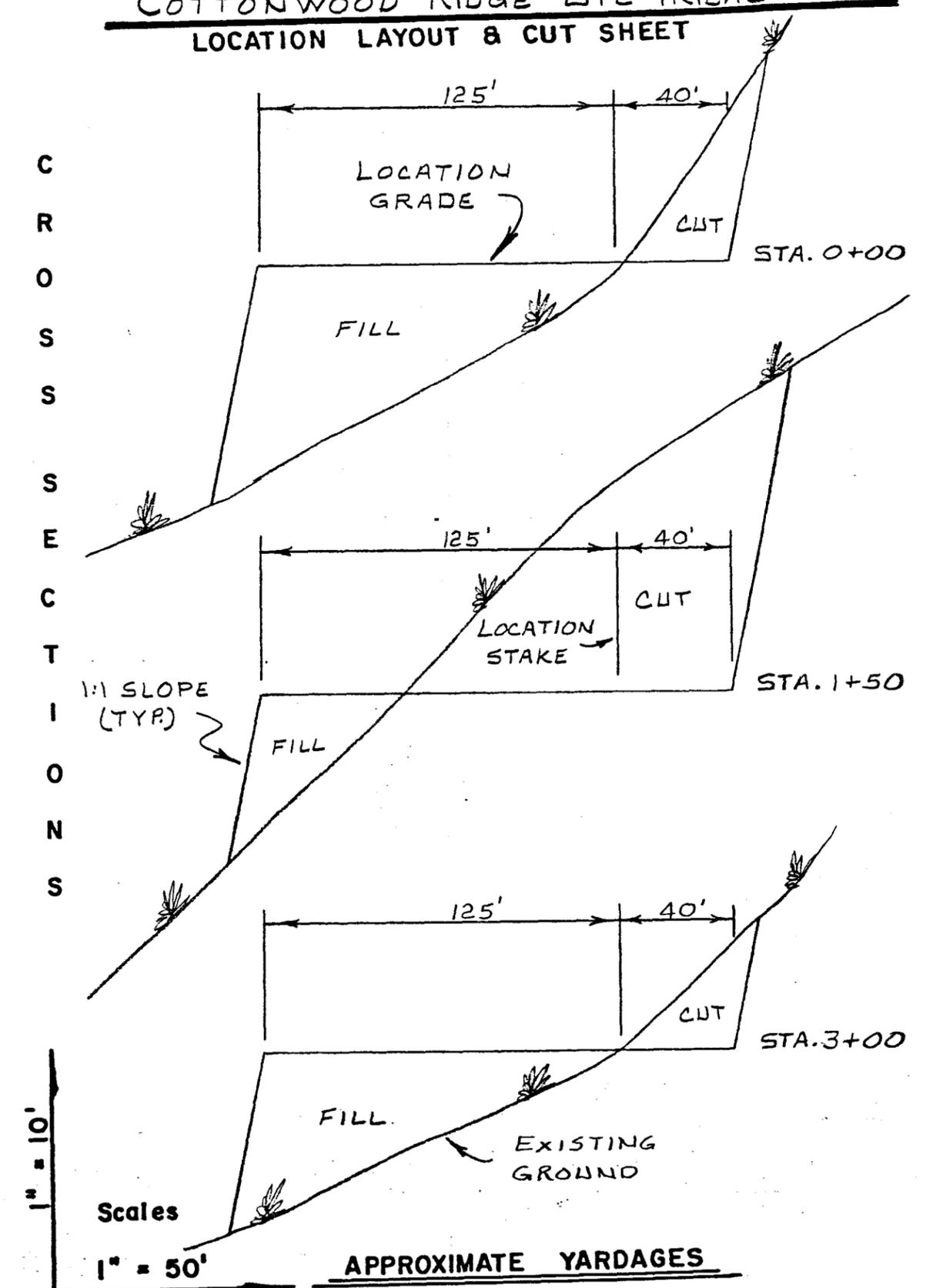
# LOMAX EXPLORATION COMPANY

## COTTONWOOD RIDGE LTE TRIBAL #1-7

### LOCATION LAYOUT & CUT SHEET



C  
R  
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N  
S



Cubic Yards Cut - 9,734  
Cubic Yards Fill - 8,044

# LOMAX EXPLORATION CO.

## COTTONWOOD RIDGE UTE TRIBAL #1-7

PROPOSED LOCATION

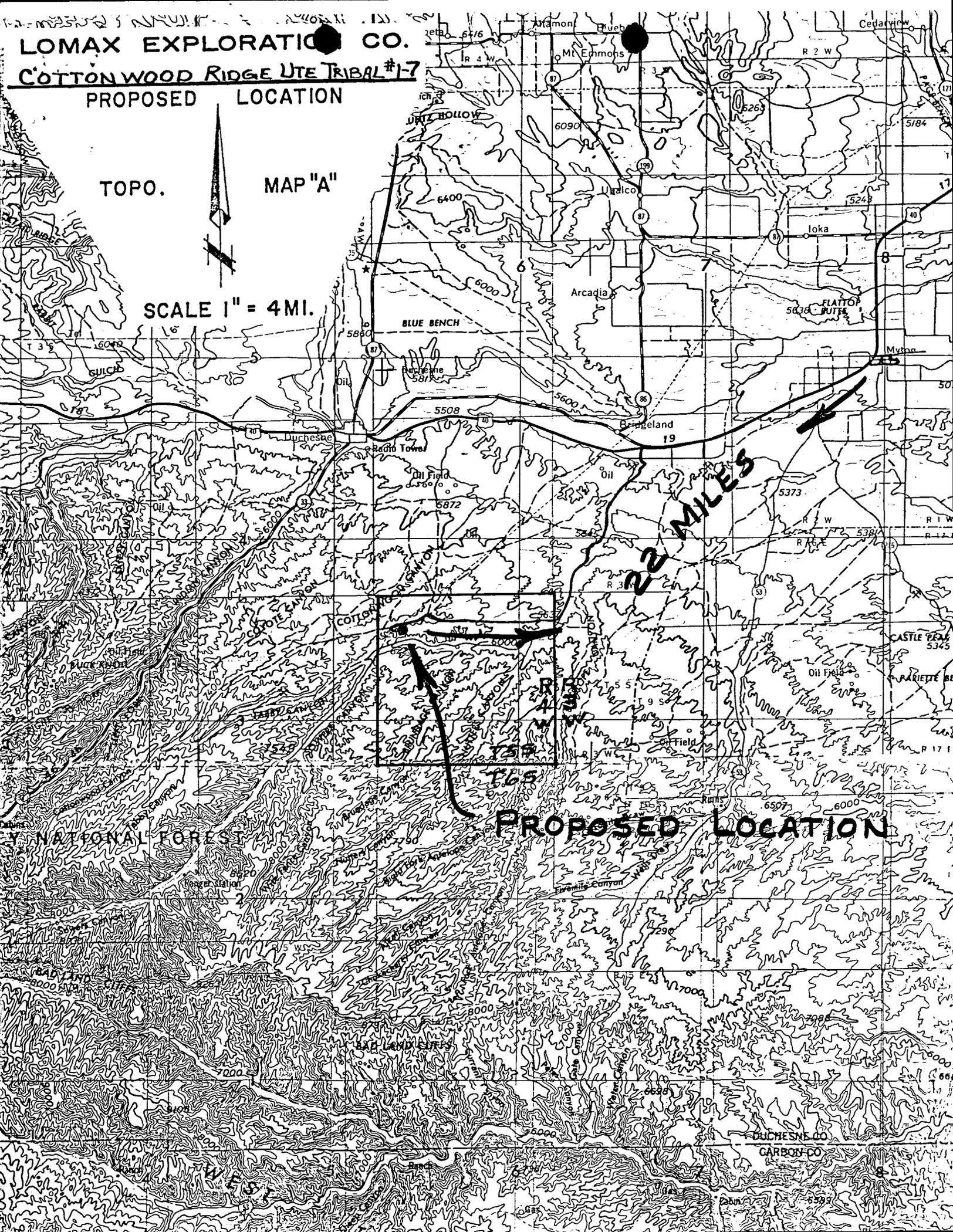
TOPO.

MAP "A"

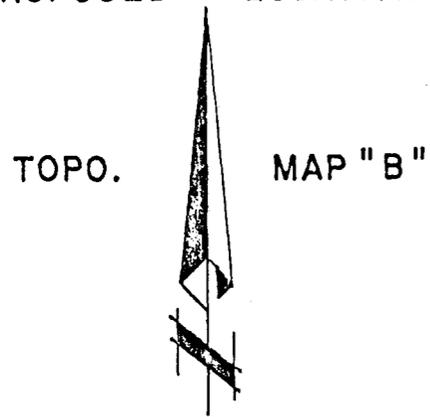
SCALE 1" = 4 MI.

22 MILES

PROPOSED LOCATION



LOMAX EXPLORATION CO.  
COTTONWOOD RIDGE LITE TRIBAL #1-7  
PROPOSED LOCATION



SCALE 1" = 2000'

ROAD CLASSIFICATION  
Light duty road, all weather, improved surface Unimproved road fair or dry weather



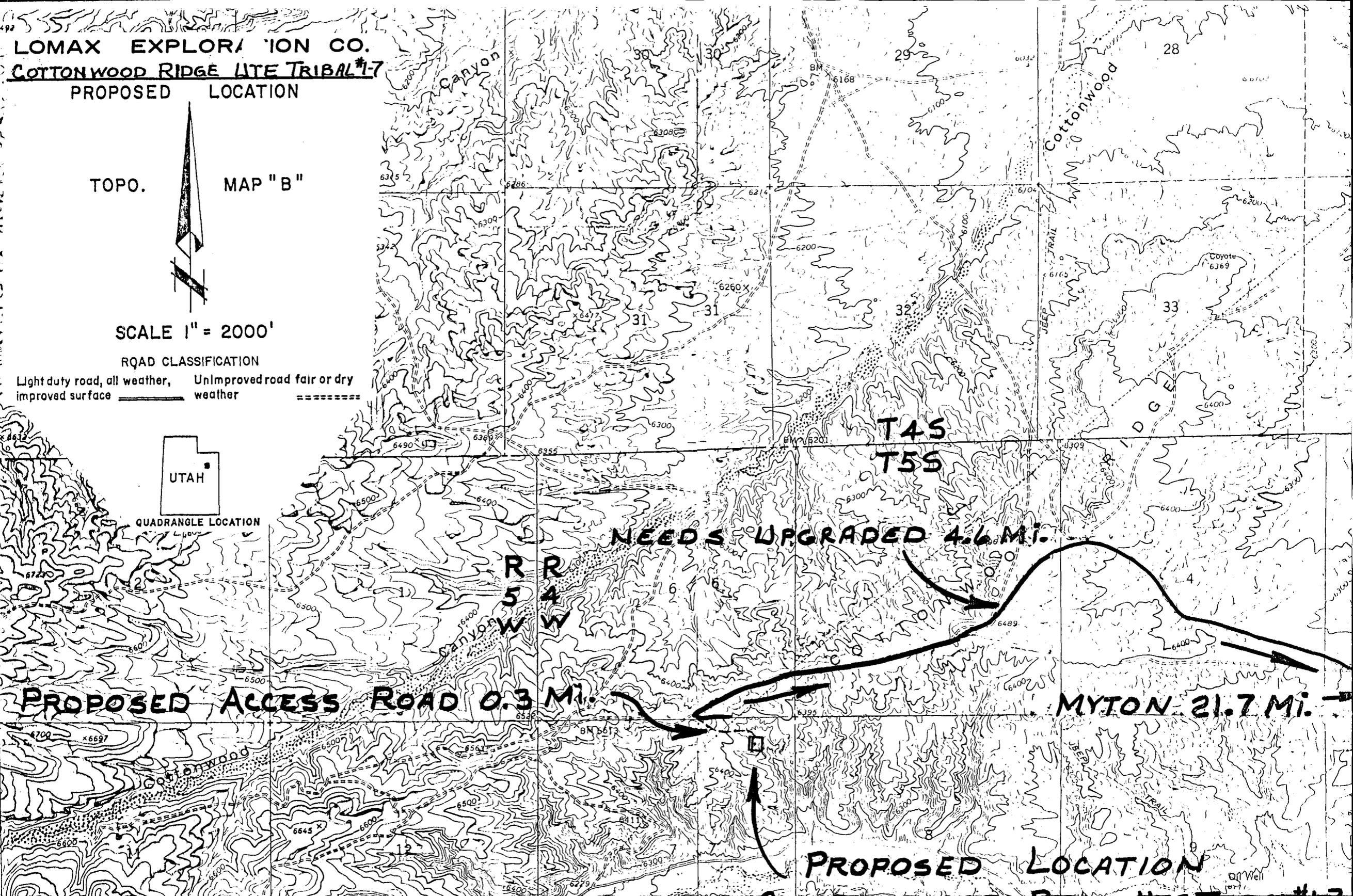
UTAH  
QUADRANGLE LOCATION

PROPOSED ACCESS ROAD 0.3 Mi.

NEEDS UPGRADED 4.6 Mi.

MYTON 21.7 Mi.

PROPOSED LOCATION



COTTON WOOD RIDGE DUE TRISAC T

S O W E R S



OPERATOR Romas DATE 4-24-84

WELL NAME Cottonwood Ridge Ute Tribal #1-7

SEC NE NE 7 T. 55 R. 4W COUNTY Duchesne

43-013-30925  
API NUMBER

Indian  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

No other wells within 1000'  
Water & 84-43-16

APPROVAL LETTER: ✓

SPACING:  A-3 \_\_\_\_\_ UNIT

c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

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

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

April 25, 1984

Lomax Exploration Company  
P.O. Box 4503  
Houston, Texas 77210

RE: Well No. Cottonwood Ridge Ute  
Tribal 1-7  
NENE Sec. 7, T. 5S, R. 4W  
508' FNL, 807' FEL  
Duchesne County, Utah

Gentlemen:

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

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

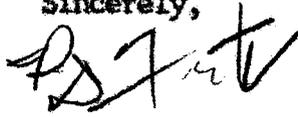
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form CGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Lomax Exploration Company  
Well No. Cottonwood Ridge Ute Tribal 1-7  
April 25, 1984  
Page 2

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

The API number assigned to this well is 43-013-30925.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/gl

cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

Enclosures

## DESIGNATION OF OPERATOR

RECEIVED

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

SERIAL No.:

and hereby designates

NAME: LOMAX EXPLORATION COMPANY  
ADDRESS: P. O. Box 4503, Houston, Texas 77210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

BIA-14-20-H62-3407  
Section 7-T5S-R4W, Lots 1 & 2, E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$   
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

HORIZON OIL & GAS CO.

By: Bruce Calder  
(Signature of lessee)  
Attorney-in-Fact

May 8, 1984  
(Date)

P. O. Box 1020, Dallas, Texas 75221  
(Address)

RECEIVED

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

SUPERVISOR, OIL AND GAS OPERATIONS:

### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah

SERIAL NO.: BIA-14-20-H62-3407

and hereby designates

NAME: Lomax Exploration Company  
ADDRESS: P. O. Box 4503, Houston, Texas 77210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West, Uinta Meridian, Utah  
Section 7: Lots 1 and 2, E/2NW/4, NE/4

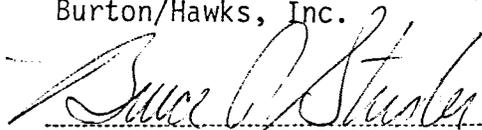
located in Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

Burton/Hawks, Inc.



(Signature of lessee)  
Bruce A. Studer - Vice President

May 9, 1984

(Date)

P. O. Box 359, Casper, Wyoming 82602

(Address)

**RECEIVED**

SUPERVISOR, OIL AND GAS OPERATIONS:

MAY 14 1984

**DESIGNATION OF OPERATOR**DIVISION OF OIL  
GAS & MINING

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE:	Bureau of Land Management
SERIAL NO.:	136 E. South Temple, University Club Bldg., Salt Lake City, Utah
	1420H623407

and hereby designates

NAME:	LOMAX EXPLORATION COMPANY
ADDRESS:	P. O. Box 4503, Houston, TX 77210-4503

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 5 SOUTH, RANGE 4 WEST, U.M.  
Section 7: N $\frac{1}{2}$

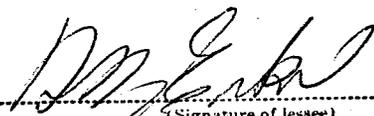
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

HUSKY OIL COMPANY

  
-----  
(Signature of lessee)  
H. R. Erkel, Attorney-in-Fact  
6060 South Willow Drive  
Englewood, Colorado 80111  
-----  
(Address)

May 9, 1984

(Date)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

**MAY 14 1984**

**DIVISION OF OIL  
GAS & MINING**

**DESIGNATION OF OPERATOR**

Indian Affairs

The undersigned is, on the records of the Bureau of Land Management, holder of lease  
XXXXXXXXXXXXXXXXXX

STATE OFFICE: Uintah and Ouray Agency, Fort Duchesne, Utah  
SERIAL No.: BIA-14-20-H62-3407

and hereby designates

NAME: Lomax Exploration Company  
ADDRESS: P.O. Box 4503, Houston, Texas 77210-4503

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West  
Section 7: NE/NE  
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.



(Signature of lessee)

R. Downis Poindexter  
P.O. Box 1692  
Shreveport, Louisiana 71164

(Address)

May 9, 1984

(Date)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

DESIGNATION OF OPERATOR

RECEIVED

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

Indian Affairs,

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Uinta and Ouray Agency, Fort Duchesne, Utah  
SERIAL NO.:

and hereby designates

NAME: Lomax Exploration  
ADDRESS: 333 North Belt East, Suite 880  
P. O. Box 4503, Houston, Texas 77210-4503

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Cottonwood Ridge Ute Tribal #1-7, NE/NE,  
Section 7, T5S, R4W

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ENTERPRISE GAS COMPANY

By: *[Signature]* Vice Chairman  
(Signature of lessee)

P. O. Box 4324  
Houston, Texas 77210  
(Address)

May 10, 1984

(Date)

RECEIVED

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

May 11, 1984

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

Application For Permit To Drill  
Cottonwood Ridge Ute Tribal #1-7  
Sec 7, T5S, R4W  
Lease No. BIA-14-20-H62-3407

Gentlemen:

In reference to your letter dated April 25, 1984, we are enclosing The Designation of Operator forms which you requested. All except for the Designation of Operator from EPX Company are attached. EPX Company mailed directly from their office the Designation of Operator. This should complete the requirements for our APD for this well.

If you need any more information, please call.

Yours very truly,

  
Paul Curry  
Engineering Assistant

PC/jwh  
Enclosures

- cc: State of Utah  
Division of Oil & Gas
- cc: Bureau of Indian Affairs  
Realty Property Management Office

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276  
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

 District Office: 248 North Union • Roosevelt, Utah 84066  
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

SUPERVISOR, OIL AND GAS OPERATIONS:

**DESIGNATION OF OPERATOR**

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: BIA-14-20-H62-3407

and hereby designates

NAME: Lomax Exploration Company  
ADDRESS: P. O. Box 4503, Houston, Texas 77210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West, Uinta Meridian, Utah  
Section 7: Lots 1 and 2, E/2NW/4, NE/4

located in Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

~~The Enterprise Companies Incorporated~~ <sup>Gas Company ✓</sup>

John V. Juelich  
(Signature of lessee)

May 11, 1984

(Date)

P. O. Box 4324, Houston, Texas 77210

(Address)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P.O.Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 508' FNL & 807' FEL NE/NE  
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
 B7A-14-20-H62-3407

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Cottonwood Ridge Ute Triba

9. WELL NO.  
 #1-7

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 7, T5S, R4W

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 22 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 508

16. NO. OF ACRES IN LEASE 310.87

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6382' GR

22. APPROX. DATE WORK WILL START\* May, 1984

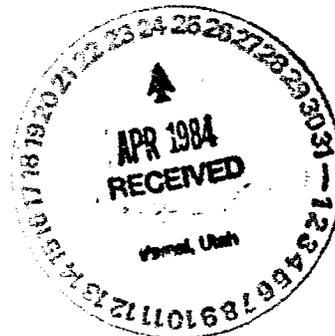
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	To Surface
7 7/8"	5 1/2"	17#	TD	As Required

RECEIVED

MAY 23 1984

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 G.L. Pruitt TITLE V.P., Drilling & Production DATE April 19, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 5/21/84

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL

FLARING OR VENTING OF GAS IS REQUIRED AT ALL TIMES

UT-080-4-M-124

\*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.

State O&G M

RECEIVED

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH OURAY RESERVATION

MAY 23 1984

DIVISION OF OIL  
GAS & MINING

Company Lomax Exploration Well No. Ute 1-7  
Location Sec. 7 T 5S R 4W Lease No. 14-20-H62-3407  
Onsite Inspection Date 5-1-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

All fresh 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.

1. Pressure Control Equipment

Prior to drilling out the surface casing shoe, the ram-type preventer shall be tested to 2,000 psi, and the annular-type preventer shall be tested to 1,500 psi.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

2. Casing Program and Auxiliary Equipment

The cementing program for the production string shall provide coverage of all formations up through the top of the Green River formation. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Mud Program and Circulating Medium

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.

4. Coring, Logging and Testing Program

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 authorized officer (AO).

5. Anticipated Starting Dates and 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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

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 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 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.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

All travel will be confined to existing access road rights-of-way.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

1. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed on the east end of the location.

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease 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 from the wellhead to the meter and 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 the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

2. If fill materials are needed to construct roads and well sites, proper permits will be obtained. A copy of the permit needed to obtain water will be attached to the application if water is to be used for the drilling. Information for permits will include: (a) the approximate amount of water or materials needed, (b) location and ownership of the water rights or materials to be used, and (c) the approximate amount of time the water or materials will be required.

3. Methods of Handling Waste Disposal

Storage tanks will be used if drill sites are located on tribal irrigable land or on lands under crop production. All reserve pits will be lined.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

4. Ancillary Facilities

Camp facilities will not be required.

5. Well Site Layout

The stockpiled topsoil will be stored on the west end of the location.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

6. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops, and (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

7. Other Information

All trees 4" or greater shall be cut and bucked to 4' lengths and stacked adjacent to the well pad and road.

There will be no deviation from the proposed drilling and/or work-over 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 3162.2.

"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 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

8. Lessee's or Operators Representative and Certification

Operator employees, including subcontractors, will not carry firearms or other weapons that may be used to kill game animals.

Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, or 4-wheel drives.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.

A bench mark will be established near each well site at a location where it will not be destroyed. The bench mark will be a brass cap set in concrete. The brass cap will show the well number and elevation to the nearest one-tenth of a foot. The cuts and fills diagram for the well site will show elevations in relation to the bench mark.



RECEIVED

JUN 6 1984

June 4, 1984

DIVISION OF OIL  
GAS & MINING

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

Attention: Margie

Designation of Operator  
Section 7: Lots 1 & 2, E/2 NW/4, NE/4  
T-5S, R-4W  
Cottonwood Ridge U.T. #1-7  
Lease #: BIA-14-20-H62-3407

Dear Margie:

Please find enclosed the Designation of Operator from Enterprise Gas Co.  
for the subject lease.

If you have any questions, please let us know.

Yours very truly,



Paul Curry  
Engineering Assistant

PC/jwh  
Enclosures - 3

cc: State of Utah  
Division of Oil & Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

Bureau of Indian Affairs  
Realty Property Management Office  
Uinta & Ouray Agency  
Ft. Duchesne, Utah 84026

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276  
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

 District Office: West Pole Line Road • Roosevelt, Utah 84066  
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. BIA-14-20-H62-3407
2. NAME OF OPERATOR Lomax Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 4503, Houston, Texas 77210		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 508' FNL & 807' FEL NE/NE		8. FARM OR LEASE NAME Cottonwood Ridge Ute Tribal
14. PERMIT NO. API 43-013-30925		9. WELL NO. #1-7
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6382' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 7, T5S, R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>SPUD</u>	

(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.)\*

6/1/84 - Drilled 13" surface hole to 300' GL. Set 8 5/8" 24#, J-55 Casing at 284' GL. Cemented with 210 sx of Class "G" & 2% CACL & 1/4#/sk celloflake. Cement returns to surface.

6/05/84 - Spud @ 4:00 pm with TWT Rig #55.

RECEIVED

JUN 13 1984

DIVISION OF OIL  
GAS & MINING

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

SIGNED Paul Curry Paul Curry TITLE Engineering Assistant DATE June 7, 1984

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 508' FNL & 807' FEL NE/NE  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-30925 DATE ISSUED 4/25/84

5. LEASE DESIGNATION AND SERIAL NO.  
BIA-14-20-H62-3407

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
\_\_\_\_\_

7. UNIT AGREEMENT NAME  
\_\_\_\_\_

8. FARM OR LEASE NAME  
Cottonwood Ridge Ute Tribal

9. WELL NO.  
#1-7

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 7, T5S, R4W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

15. DATE SPUDDED 6/01/84 16. DATE T.D. REACHED 6/14/84 17. DATE COMPL. (Ready to prod.) ----- 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6382' GR 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 6435' 21. PLUG, BACK T.D., MD & TVD ----- 22. IF MULTIPLE COMPL., HOW MANY\* ----- 23. INTERVALS DRILLED BY ----- ROTARY TOOLS X CABLE TOOLS \_\_\_\_\_

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

25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL--MSEL, CDL, CNL

27. WAS WELL CORED  
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	284' GR	13"	210 sx Class "G" + 2% CaC	+ 174#/sk celloflake

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION NA PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) P+A

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

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

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

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED Paul Curry Paul Curry TITLE Engineering Assistant DATE July 1 1984

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

38. GEOLOGIC MARKERS

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek	5182	5200	Show	Douglas Creek	4580'	
Black Shale	5570	5580	"	Black Shale	5260'	
"	5686	5692	"	Basal Green River	5916'	
"	5750	5770	"	Wasatch	6144'	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1500 Main Street, Salt Lake City, Utah 84114  
4241 State Office Building  
Salt Lake City, Utah 84114

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Cottonwood Ridge Ute Tribal #1-7

Operator Lomax Exploration Company Address P.O. Box 4503, Houston, TX 77210

Contractor TWT Exploration Company Address P.O. Box 1329, Park City, Utah 84060

Location NE 1/4 NE 1/4 Sec. 7 T: 5S R. 4W County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No water encountered</u>			
2.	<u></u>			
3.	<u></u>			
4.	<u></u>			
5.	<u></u>			

(Continue of reverse side if necessary)

<u>Formation Tops</u>	Douglas Creek	4580'
	Wasatch	6144'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRY		5. LEASE DESIGNATION AND SERIAL NO. BIA-14-20-H62-3407
2. NAME OF OPERATOR Lomax Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Cottonwood Ridge Ute Tribal
3. ADDRESS OF OPERATOR P.O. Box 4503, Houston, Texas 77210		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  508' FNL & 807' FEL NE/NE		8. FARM OR LEASE NAME
14. PERMIT NO. API #: 43-013-30925		9. WELL NO. #1-7
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 6382' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 7, T5S, R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <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.)\*

Plug & Abandon Well As Follows:

6/17/84 Plug @ 6000' - 6285' (75sx)  
 2900' - 3100' (75sx)  
 200' - 400' (75sx)  
 SURFACE (25sx)

Location to be restored. Verbal approval per Jerry Kenezka @ 9:45 PM on 6/17/84.

ACCEPTED  
 APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 8/15/84  
 BY: [Signature]

18. I hereby certify that the foregoing is true and correct  
 SIGNED Paul Curry Paul Curry TITLE Engineering Assistant DATE July 19, 1984

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

August 9, 1984

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

COTTONWOOD RIDGE UTE TRIBAL #1-7  
NE/NE Section 7, T5S, R4W  
Duchesne County, Utah  
API # 43-013-30925  
WELL COMPLETION REPORT  
SUNDRY NOTICE  
LOGS

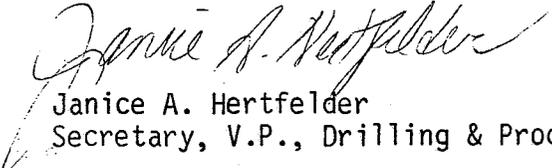
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Gentlemen:

Please find enclosed the required copies of the Well Completion Report, Sundry Notice, Compensated Density Compensated Neutron Log, and the Dual Laterlog.

If further information is required, please advise.

Yours very truly,

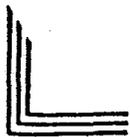
  
Janice A. Hertfelder  
Secretary, V.P., Drilling & Production

JAH  
Enclosures

cc: Bureau of Indian Affairs  
Realty Property Management Office  
Uintah and Ouray Agency  
Ft. Duchesne, Utah 84026

cc: State of Utah  
Department of Natural Resources  
Division of Oil & Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276  
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

 District Office: West Pole Line Road • Roosevelt, Utah 84066  
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

# Lomax



December 17, 1984

Bureau of Indian Affairs  
Real Property Management  
Uintah & Ouray Agency  
Fort Duchesne, Utah 84026

Re: Cottonwood Ridge Ute Tribal #1-7  
NW/NE Sec. 7, T5S, R4W  
Duchesne County, Utah  
BIA# 14-20-H62-3407

Gentlemen;

Please find enclosed the seed mixture and amounts recommended by your office. This location was reseeded on 10/25/84. The seed was hand raked into the soil. A dry hole marker was put in place.

Sincerely,

Gary Richardson  
Engineering Assistant  
Drilling & Production

Enclosures (6)

GR/cc

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

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

C.R.U.T

1-7



**Genus** Cercocarpus  
**Species** montanus  
**Common Name**  
 Mtn. mahogany birchleaf  
**Lot Number** CEMO-1862  
**Origin** CO  
**Elevation**  
**Pure Seed** 95.52%  
**Germination** 36%  
**Hard Seed** 44%  
**Total Germ & Hard** 80%  
**Other Crop** 0  
**Inert Matter** 4.48  
**Weed Seed** 0  
**Noxious Weed Seed** None  
**Tested** 11-83  
**Net Weight** 6 pounds



*2 lbs per acre*  
**Native Plants Inc.**

1697 West 2100 North  
 Lehi, Utah 84043  
 (801) 531-1456 SLC phone  
 (801) 768-4422 Lehi phone

Native Plants guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

**GUARANTEE:**

# NPI SEEDS

Genus           Atriplex  
Species        confertifolia  
Common Name   Shadscale  
Lot Number    ATCO-3080  
Origin         Sanpete Co., UT  
Elevation      5600'  
Pure Seed     96.98%  
Germination   68%cut  
Hard Seed  
Total Germ & Hard  
Other Crop     0  
Inert Matter   2.54  
Weed Seed     .48  
Noxious Weed Seed None  
Tested        3-84  
Net Weight **6** ~~12~~ pounds



*2 lbs per acre*  
**Native Plants Inc.**

1697 West 2100 North  
Lehi, Utah 84043  
(801) 531-1456 SLC phone  
(801) 768-4422 Lehi phone

**GUARANTEE:** Native Plants guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

# NPI SEEDS

Genus Melilotus  
Species officinalis  
Common Name  
Yellow sweetclover  
Lot Number MEOF-2616  
Origin SD  
Elevation  
Pure Seed 99.74%  
Germination 93  
Hard Seed  
Total Germ & Hard  
Other Crop 0  
Inert Matter .06  
Weed Seed .20  
Noxious Weed Seed None  
Tested 2-84  
Net Weight 6 1/2 pounds



*2 lbs per acre*  
**Native Plants Inc.**

1697 West 2100 North  
Lehi, Utah 84043  
(801) 531-1456 SLC phone  
(801) 768-4422 Lehi phone

**GUARANTEE:** Native Plants guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

# NPI SEEDS

Genus Coronilla  
Species varia  
Common Name 'Chemung'  
Chemung crownvetch  
Lot Number COVA-2181  
Origin WY  
Elevation  
Pure Seed 99.92%  
Germination 44%  
Hard Seed 46%  
Total Germ & Hard 90%  
Other Crop 0  
Inert Matter .04%  
Weed Seed .04%  
Noxious Weed Seed None  
Tested 2-83  
Net Weight 6 pounds



*2 lbs per acre*  
**Native Plants Inc.**

1697 West 2100 North  
Lehi, Utah 84043  
(801) 531-1456 SLC phone  
(801) 768-4422 Lehi phone

**GUARANTEE:** Native Plants guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

Genus Agropyron  
Species desertorum  
Common Name 'Nordan'  
Nordan crested wheatgrass  
Lot Number AGDE-2145  
Origin MT  
Elevation  
Pure Seed 91.57%  
Germination 96  
Hard Seed  
Total Germ & Hard  
Other Crop 0  
Inert Matter 8.43%  
Weed Seed 0  
Noxious Weed Seed None  
Tested 10-83  
Net Weight 6 pounds



*2 lbs per acre*  
**Native Plants Inc.**

1697 West 2100 North  
Lehi, Utah 84043  
(801) 531-1456 SLC phone  
(801) 768-4422 Lehi phone

**GUARANTEE:** Native Plants guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

110414

October 28, 1987

# Lomax



Bureau of Indian Affairs  
Realty Property Management  
Uintah & Ouray Agency  
Ft. Duchesne, Utah 84026

43-013-30925 PA

RE: Cottonwood Ridge Ute Tribal #1-7  
NW/SE Sec. 7, T5S, R4W  
Duchesne County, Utah  
BIA # 14-20-H62-3407

Gentlemen;

Please find enclosed the seed mixture and amounts used per your request for the CRUT #1-7 Right-of-Way. The reclaiming and seeding was completed on October 16, 1987. The seed was planted with a seed drill.

Sincerely,

Bill K. Myers  
Production Superintendent

Enclosures (1)

BKM/kj

cc: John Steuble  
Lomax Exploration  
Salt Lake City, Utah 84101

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

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

**RECEIVED**  
NOV 02 1987

DIVISION OF  
OIL, GAS & MINING

MIX # 7777  
PURE SEED %

FOR LOMAX C.R.U.T. 1-7\*

		GERM/ORIGIN
19.61	GALLETA GRASS	88/TX
18.95	GREEN NEEDLE GRASS	TZ91/SD
13.57	'PALOMA' INDIAN RICEGRASS	TZ88/CO
12.71	YELLOW BLOSSOM SWEETCLOVER	13+81/CANADA
5.60	NEEDLE AND THREADGRASS	TZ98/NE
6.77	OTHER CROP	TESTED: 8-86
22.72	INERT MATTER	NOX WEED: NONE
.07	WEED SEED	HARD SEED: 1.66/#

NET WEIGHT: 37.67# BULK  
26.50# PLS

Native Plants, Inc.  
1697 West 2100 North  
Lehi, Utah 84043  
(801) 786-4422

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL  ~~REDEVELOP~~ DEEPEN  PLUG BACK   
 b. TYPE OF WELL  
 Oil well  Gas well  OTHER  Single zone  Multiple zone

2. NAME OF OPERATOR  
**BARRETT RESOURCES CORPORATION**

3. ADDRESS OF OPERATOR  
**30 WEST 425 SOUTH (330-5) ROOSEVELT, UTAH 84066**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface (NE/NE) 508' FNL, 792' FEL **4435145 N**  
**553651 E**  
 At proposed prod. zone  
**SAME AS ABOVE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**24.6 MILES FROM MYTON, UTAH**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drlg. unit line, if any) **508'**

16. NO. OF ACRES IN LEASE  
**640**

17. NO OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE. FT. **6800'**

19. PROPOSED DEPTH  
**5860'**

20. ROTARY OR CABLE TOOLS  
**ROTARY**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6371' GR**

22. APPROX. DATE WORK WILL START\*  
**REFER TO BRC SOP PLAN**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
REFER TO BARRETT RESOURCES CORPORATION SOP'S DRILLING PROGRAM/CASING DESIGN				

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-H62-4778 (E&D)**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**UTE**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**State-UTE TRIBAL**

9. WELL NO.  
**1-7R-54**

10. FIELD AND POOL, OR WILDCAT *Undesignated*  
**BRUNDAGE CANYON**

11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA  
**SEC. 7, T.5S., R.4W.**

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL. PLEASE SEE THE ATTACHED CONDITIONS FOR APPROVAL.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

**EDDY COURTRIGHT**  
**30 WEST 425 SOUTH (330-5)**  
**ROOSEVELT, UTAH 84066**

**BOND # 5865241**

OFFICE: (435)722-1325

CELLULAR: (435)722-1862

**RECEIVED**

**MAY 29 2001**

**DIVISION OF  
OIL, GAS AND MINING**

**PLEASE KEEP THIS INFORMATION ON THIS WELL CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROJECT. 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 directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE UTAH DISTRICT OFFICE MANAGER DATE 05/21/01

(This space for Federal or State office use)  
 PERMIT NO. 43-013-30925

APPROVAL DATE Approved by the

APPROVED BY Federal Approval of this  
 CONDITIONS OF APPROVAL IF A Action is Necessary

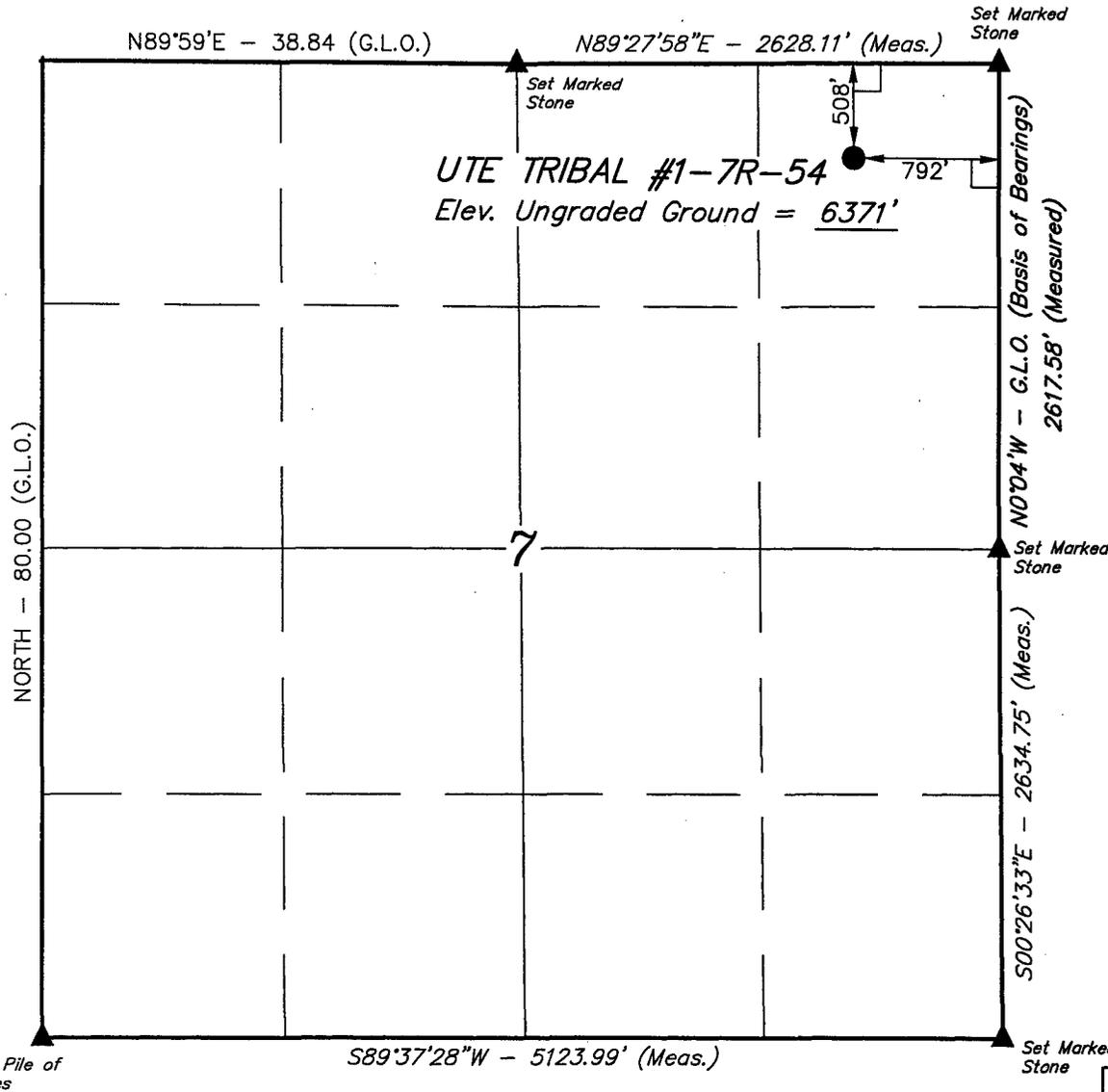
TITLE Oil, Gas and Mining

Date: 6-7-01

T5S, R4W, U.S.B.&M.

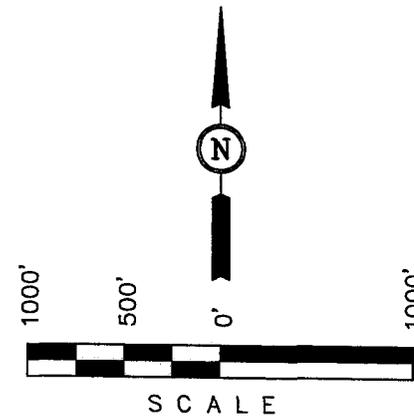
**BARRETT RESOURCES CORPORATION**

Well location, UTE TRIBAL #1-7R-54, located as shown in the NE 1/4 NE 1/4 of Section 7, T5S, R4W, U.S.B.&M. Duchesne, County, Colorado.



**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE 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 6559 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.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

SMS, Pile of Stones

**LEGEND:**

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

LATITUDE = 40°04'00"  
 LONGITUDE = 110°22'16"

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 4-16-01	DATE DRAWN: 4-19-01
PARTY B.B. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BARRETT RESOURCES CORPORATION	

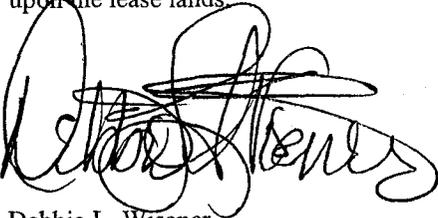
SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Barrett Resources Corporation is considered to be the operator of the following well.

Ute Tribal 1-7R-54  
NE 1/4, NE 1/4, 508' FNL, 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Lease BIA 14-20-H62-4778  
Duchesne, County, Utah

Barrett Resources Corporation is responsible under the terms of the lease for the operations conducted upon the lease lands.

A handwritten signature in black ink, appearing to read "Debbie L. Wisener", is written over the printed name and title.

Debbie L. Wisener  
Utah District Office Manager  
Barrett Resources Corporation  
30 West 425 South (330-5)  
Roosevelt, Utah 84066  
435-722-1325

BARRETT RESOURCES CORPORATION

Ute Tribal 1-7R-54

Surface location NE ¼ NE ¼, 508' FNL 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

**1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth</u>
Uinta	surface
Green River	1420'
Mahogany	2807'
TGR3 Marker	3795'
*Douglas Creek	4581'
*Castle Peak	5501'
TD	5860'

\*PROSPECTIVE PAY

**3 Pressure Control Equipment**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**4 Proposed Casing and Cementing Program**

THIS IS A RE-ENTRY. THIS WELL WAS ORIGINALLY DRILLED BY LOMAX EXPLORATION COMPANY. THE WELL WAS SPUD JUNE 1, 1984 AND TD REACHED JUNE 14, 1984.

Casing is set as follows:

8-5/8" surface casing set at 284' with 210 sacks of cement

**5 Drilling Fluids Program**

<u>INTERVAL</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>FLUID LOSS</u>	<u>MUD TYPE</u>
284' - 5860'	8.3 - 8.6	27-40	8 - 10 cc	2% KLC Water

Barrett Resources Corporation  
Drilling Program  
Ute Tribal 1-7R-54  
Duchesne County, Utah  
Page Two

**6 Evaluation Program**

Logging Program: Cased hole logs only

**7 Abnormal Conditions**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**8 Anticipated Starting Dates and Notification of Operations**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**9 Other information**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

BARRETT RESOURCES CORPORATION  
Ute Tribal 1-7R-54  
Surface location NE ¼ NE ¼, 508' FNL 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

**1. Existing Roads**

To reach the Barrett Resources well, Ute Tribal 1-7R-54 location, in Section 7-T5S-R4W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.8 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn southwest and proceed 13.9 miles. Turn north and proceed 0.75 miles to Cottonwood Ridge Road. Turn west and proceed northwest 0.6 miles to the Ute Tribal 1-7R-54 access road. Turn west and proceed 0.5 miles to the Ute Tribal 1-7R-54 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

**2 Planned Access Road**

See Topographic Map "B" for the location of the access road.

**3 Location of Existing Wells**

See Topographic Map "C" for the location of existing wells within a 1-mile radius.

**4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**5 Location and Type of Water Supply**

Water for the well will be pumped from Barrett's water source well located in Sec. 23, T5S, R5W, permit # 43-11041. Water for the completion will be hauled by truck from Petroglyph Operating's Antelope Creek Facility. A water use agreement is also in place with the Ute Tribe.

**6 Source of Construction Materials**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**7 Methods of Handling Waste Materials**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**8 Ancillary Facilities**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**9 Wellsite Layout**

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

**10 Plans for Restoration of the Surface**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**11 Surface Ownership**

Ute Tribe

**12 Other Information**

PLEASE REFER TO BARRETT RESOURCES CORPORATION STANDARD OPERATING PROCEDURE (SOP VERSION: FEBRUARY 01, 2001).

**13 Operator's Representative and Certification**

(A) Representative

NAME: Debbie L. Wisener

ADDRESS: Barrett Resources Corporation  
30 West 425 South (330-5)  
Roosevelt, Utah 84066

PHONE: 435-722-1325

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 and any applicable Notice to Lessees.

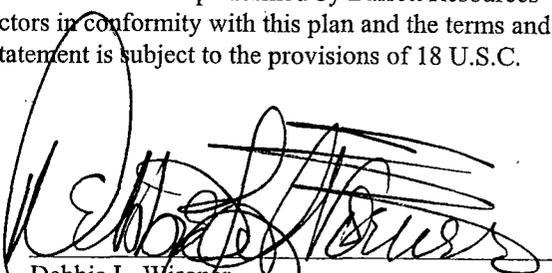
The operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and the Standard Operating Procedures will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

**B) Certification:**

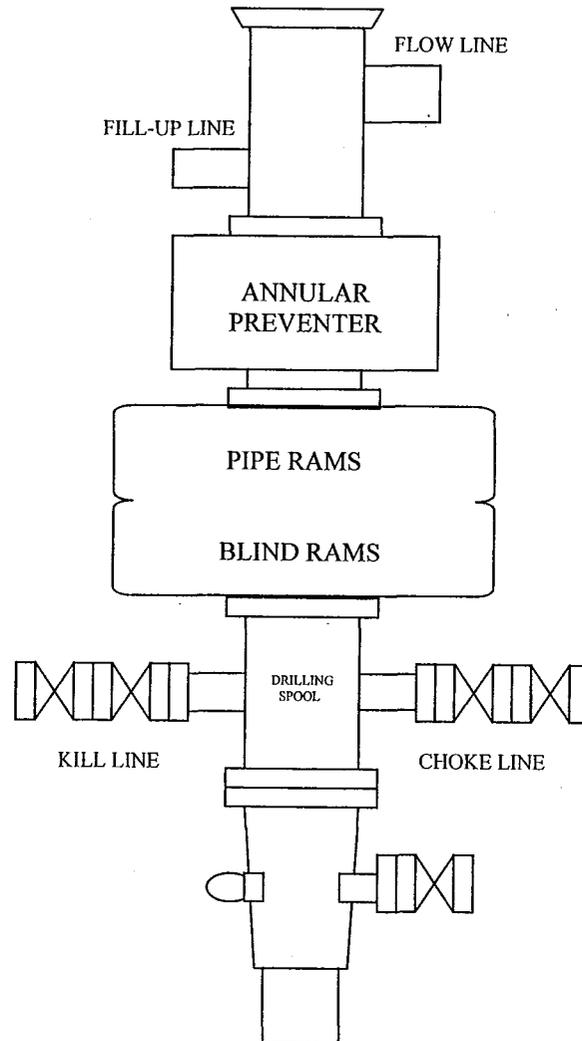
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work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

May 21, 07  
DATE

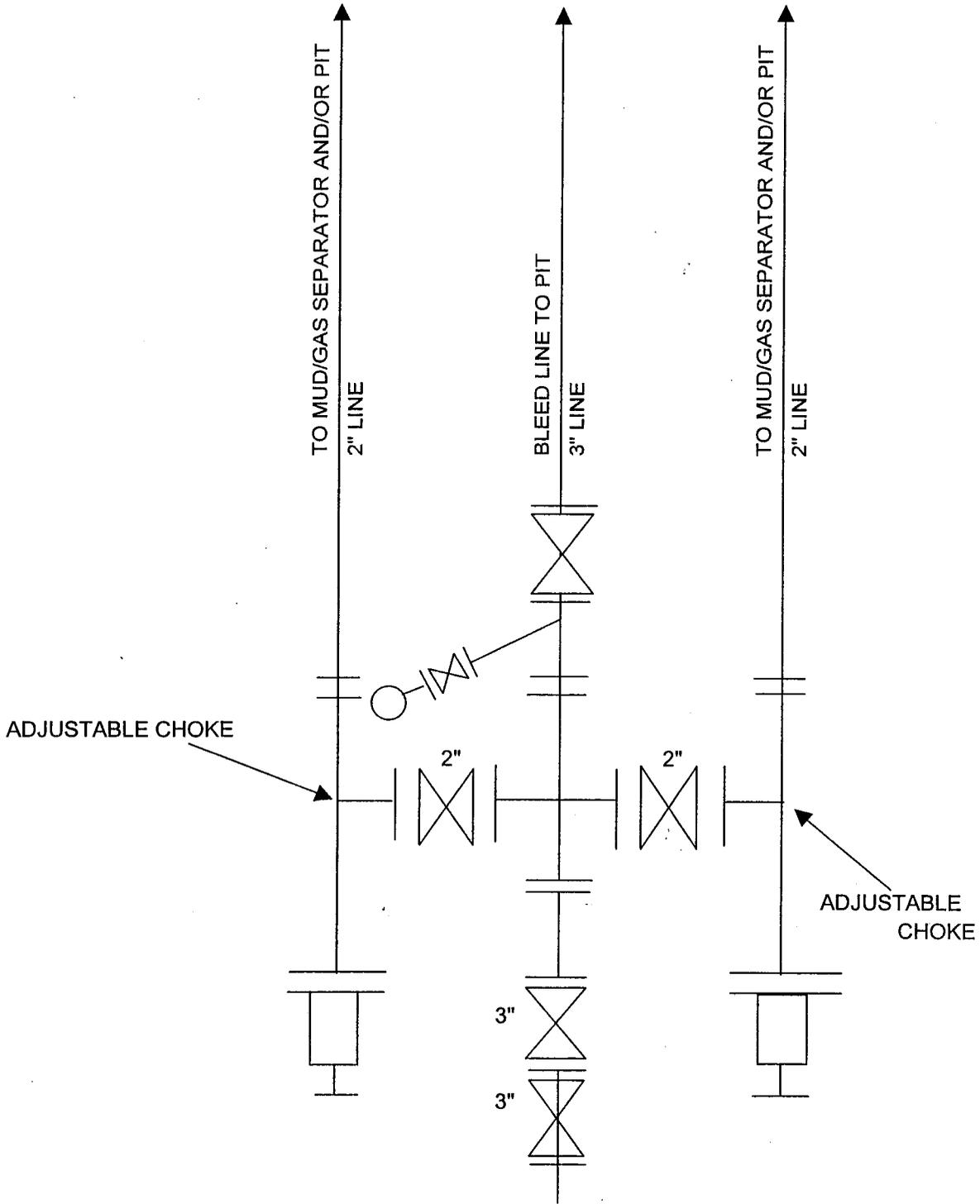
  
Debbie L. Wisener  
Utah District Office Manager  
Barrett Resources Corporation

## BOP AND PRESSURE CONTAINMENT DATA

1. BOP EQUIPMENT SHALL CONSIST OF A DOUBLE GATE, HYDRAULICALLY OPERATED PREVENTER WITH PIPE & BLIND RAMS OR TWO SINGLE RAM TYPE PREVENTERS, ONE EQUIPPED WITH PIPE RAMS, THE OTHER EQUIPPED WITH BLIND RAMS.
2. BOP'S ARE TO BE WELL BRACED WITH HAND CONTROLS EXTENDED CLEAR OF THE SUBSTRUCTURE.
3. ACCUMULATOR TO PROVIDE CLOSING PRESSURE IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE ALL COMPONENTS.
4. AUXILIARY EQUIPMENT: LOWER KELLY COCK, FULL OPENING STABBING VALVE, 2 1/2" CHOKE MANIFOLD, PIT LEVEL INDICATOR &/OR FLOW SENSORS WITH ALARMS.
5. ALL BOP EQUIPMENT, AUXILIARY EQUIPMENT, STAND PIPE, VALVES, & ROTARY HOSE TO BE TESTED TO THE RATE PRESSURE OF THE BOP'S AT THE TIME OF INSTALLAION & EVERY 30 DAYS THERAFTER. BOP'S TO BE MECHANICALLY CHECKED DAILY.
6. MODIFICATION OF HOOK-UP OR TESTING PROCEDURER MUST BE APPROVED IN WRITING ON TOUR REPORTS BY WELLSITE REPRESENTITVE.



# 2000 PSI CHOKE MANIFOLD EQUIPMENT



APPLICATION FOR GRANT OF ROAD RIGHT-OF-WAY

BARRETT RESOURCES CORPORATION, having a resident or principal place of business at 30 West 425 South (330-5), Roosevelt, Utah, 84066, hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a Right-of-Way for the following purposes and reasons:

To construct a Drill Site & Road Right-of-Way for the Ute Tribal #1-7R-54

Across the following described Indian Lands N 1/2 NE 1/4 OF SECTION 7, T5S, R4W, U.S.B.&M.

Drill Site = 1.993 Ac.

Road R-O-W = 1.111 Ac.

Total Acreage = 3.104 Acres

Said Right-of-Way to be approximately 1,612.80 feet in length, 30 feet in width, and 1.111 Acres, and more particularly described and shown on the map of definite location to be attached and made a part hereof.

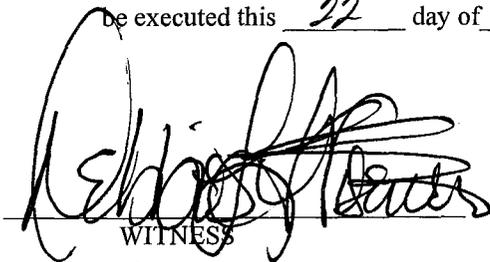
The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the Right-of-Way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to 169.4 determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the Right-of-Way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of the construction to the extent compatible with the purpose for which the Right-of-Way was granted.
- (e) To clear and keep clear the lands within the Right-of-Way to the extent compatible with the purpose of the Right-of-Way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.
- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the Right-of-Way.
- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the Right-of-Way.

- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the Right-of-Way.
- (l) That upon revocation or termination of the Right-of-Way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the Right-of-Way is granted.

IN WITNESS THEREOF, BARRETT RESOURCES CORPORATION. has caused this instrument to

be executed this 22 day of May, 2001.

  
WITNESS

  
WITNESS

**BARRETT RESOURCES CORPORATION**  
APPLICANT

  
Ed Courtright/Production Foreman  
30 West 425 South (330-5)  
Roosevelt, Utah 84066  
Phone:(435)722-1325

SUPPORTING DOCUMENTS:

- ( ) Written consent of the landowners.
- ( ) Evidence of good faith and financial responsibility.
- (x) \$0 as per the terms of the Exploration and Development Agreement.
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulation
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- (x) Map of definite location.
- ( ) Other:

BARRETT RESOURCES CORPORATION  
UTE TRIBAL #1-7R-54  
ROAD RIGHT-OF-WAY & DAMAGE AREA  
SECTION 7, T5S, R4W, U.S.B.&M.

TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 1612.80' OR 0.305 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 1.111 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH        )  
                          ) SS  
COUNTY OF UINTAH )

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR BARRETT RESOURCES CORPORATION, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.305 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161919  
STATE OF UTAH

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 2 DAY OF May 2001.

MY COMMISSION EXPIRES Aug 17, 2002

*Tracy D. Henline*

NOTARY PUBLIC  
TRACY D. HENLINE  
3379 East 5000 South  
Vernal, Utah 84078  
My Commission Expires  
August 17, 2002  
State of Utah

APPLICANT'S CERTIFICATE

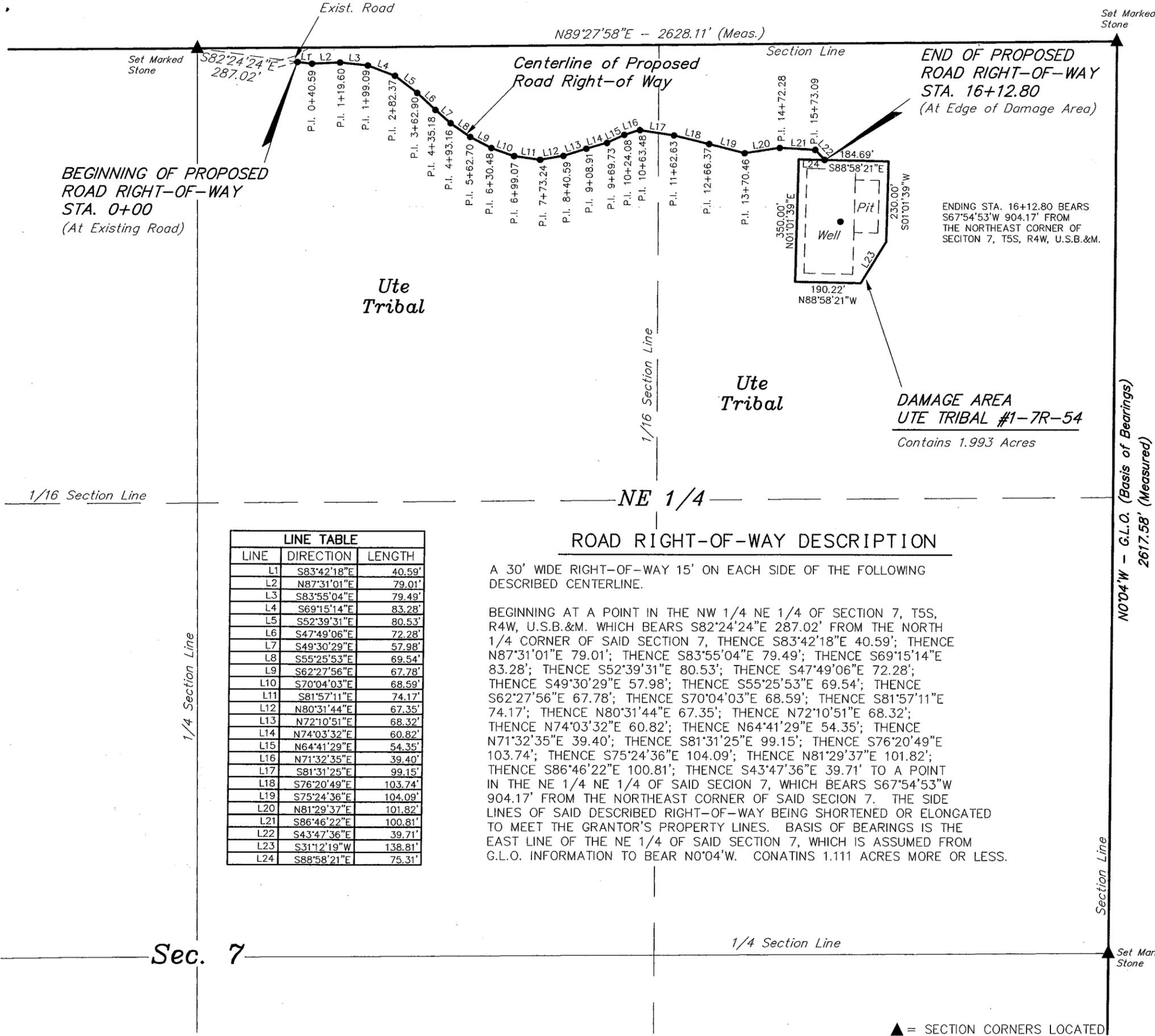
I, ED COURTRIGHT, DO HEREBY CERTIFY THAT I AM THE AGENT FOR BARRETT RESOURCES CORPORATION, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND ROAD RIGHT-OF-WAY, 0.305 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 16+12.79, THAT SAID DAMAGE AREA AND ROAD RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

*Ed Courtright*  
APPLICANT

PRODUCTION SUPERVISOR -- UTAH  
TITLE

LOCATION DAMAGE AREA &  
ROAD RIGHT-OF-WAY  
ON UTE TRIBAL LANDS

(For UTE TRIBAL #1-7R-54)  
LOCATED IN  
SECTION 7, T5S, R4W, U.S.B.&M.  
DUCHESNE COUNTY, UTAH



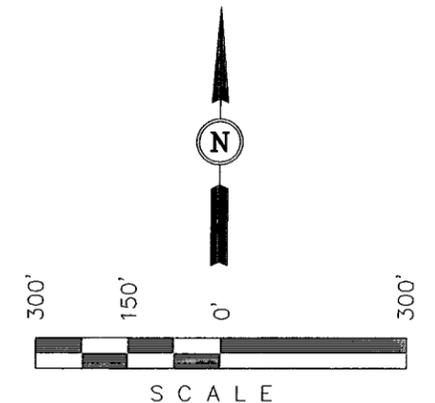
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S83°42'18"E	40.59'
L2	N87°31'01"E	79.01'
L3	S83°55'04"E	79.49'
L4	S69°15'14"E	83.28'
L5	S52°39'31"E	80.53'
L6	S47°49'06"E	72.28'
L7	S49°30'29"E	57.98'
L8	S55°25'53"E	69.54'
L9	S62°27'56"E	67.78'
L10	S70°04'03"E	68.59'
L11	S81°57'11"E	74.17'
L12	N80°31'44"E	67.35'
L13	N72°10'51"E	68.32'
L14	N74°03'32"E	60.82'
L15	N64°41'29"E	54.35'
L16	N71°32'35"E	39.40'
L17	S81°31'25"E	99.15'
L18	S76°20'49"E	103.74'
L19	S75°24'36"E	104.09'
L20	N81°29'37"E	101.82'
L21	S86°46'22"E	100.81'
L22	S43°47'36"E	39.71'
L23	S31°12'19"W	138.81'
L24	S88°58'21"E	75.31'

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 7, T5S, R4W, U.S.B.&M. WHICH BEARS S82°24'24"E 287.02' FROM THE NORTH 1/4 CORNER OF SAID SECTION 7, THENCE S83°42'18"E 40.59'; THENCE N87°31'01"E 79.01'; THENCE S83°55'04"E 79.49'; THENCE S69°15'14"E 83.28'; THENCE S52°39'31"E 80.53'; THENCE S47°49'06"E 72.28'; THENCE S49°30'29"E 57.98'; THENCE S55°25'53"E 69.54'; THENCE S62°27'56"E 67.78'; THENCE S70°04'03"E 68.59'; THENCE S81°57'11"E 74.17'; THENCE N80°31'44"E 67.35'; THENCE N72°10'51"E 68.32'; THENCE N74°03'32"E 60.82'; THENCE N64°41'29"E 54.35'; THENCE N71°32'35"E 39.40'; THENCE S81°31'25"E 99.15'; THENCE S76°20'49"E 103.74'; THENCE S75°24'36"E 104.09'; THENCE N81°29'37"E 101.82'; THENCE S86°46'22"E 100.81'; THENCE S43°47'36"E 39.71' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 7, WHICH BEARS S67°54'53"W 904.17' FROM THE NORTHEAST CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 7, WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.111 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED



DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 7, T5S, R4W, U.S.B.&M. WHICH BEARS S67°54'53"W 904.17' FROM THE NORTHEAST CORNER OF SAID SECTION 7, THENCE S88°58'21"E 184.69'; THENCE S01°01'39"W 230.00'; THENCE S31°12'19"W 138.81'; THENCE N88°58'21"W 190.22'; THENCE N01°01'39"E 350.00'; THENCE S88°58'21"E 75.31' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 7, WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.993 ACRES MORE OR LESS.

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.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>			
85 SOUTH - 200 EAST • (435) 789-1017			
VERNAL, UTAH - 84078			
SCALE	1" = 300'	DATE	4-19-01
PARTY	B.B. J.W. C.G.	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	4 2 1 7 6

# BARRETT RESOURCES CORPORATION

## UTE TRIBAL #1-7R-54

LOCATED IN DUCHESNE COUNTY, UTAH  
SECTION 7, T5S, R4W, U.S.B.&M.

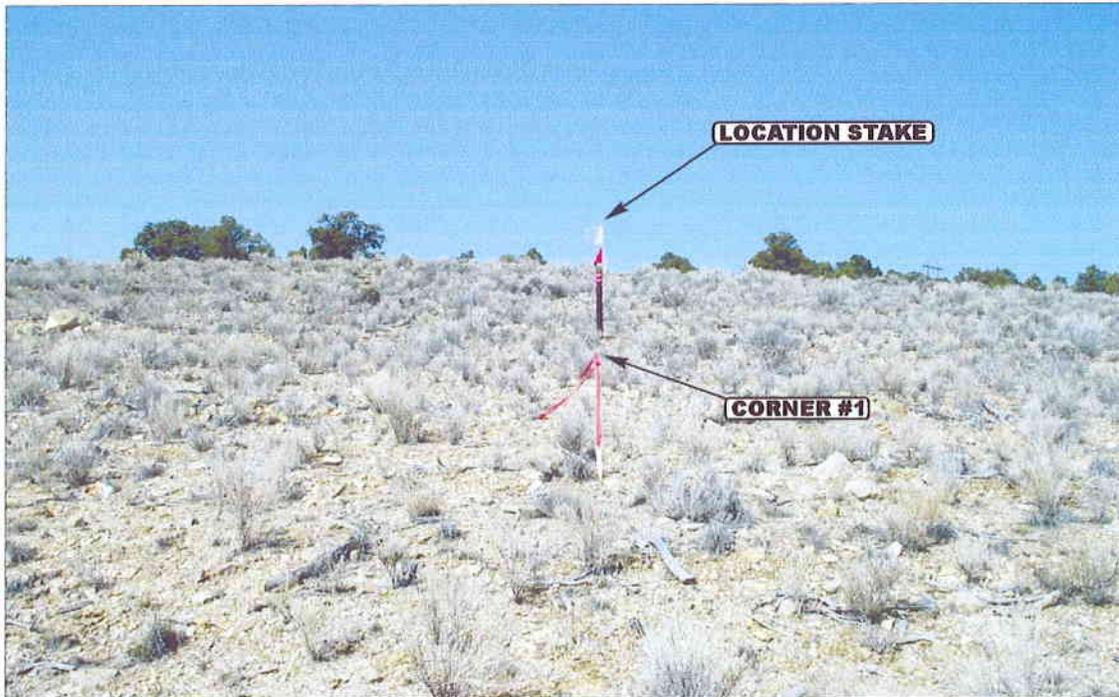


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

4 | 18 | 01  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: B.B.

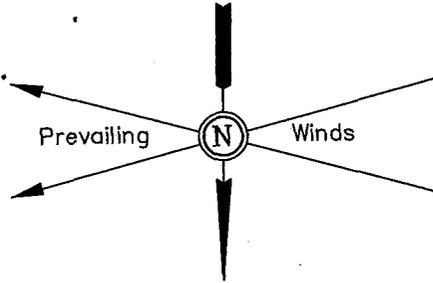
DRAWN BY: J.L.G.

REVISED: 00-00-00

# BARRETT RESOURCES CORPORATION

## LOCATION LAYOUT FOR

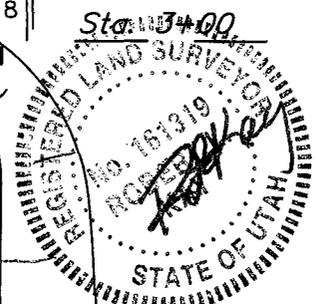
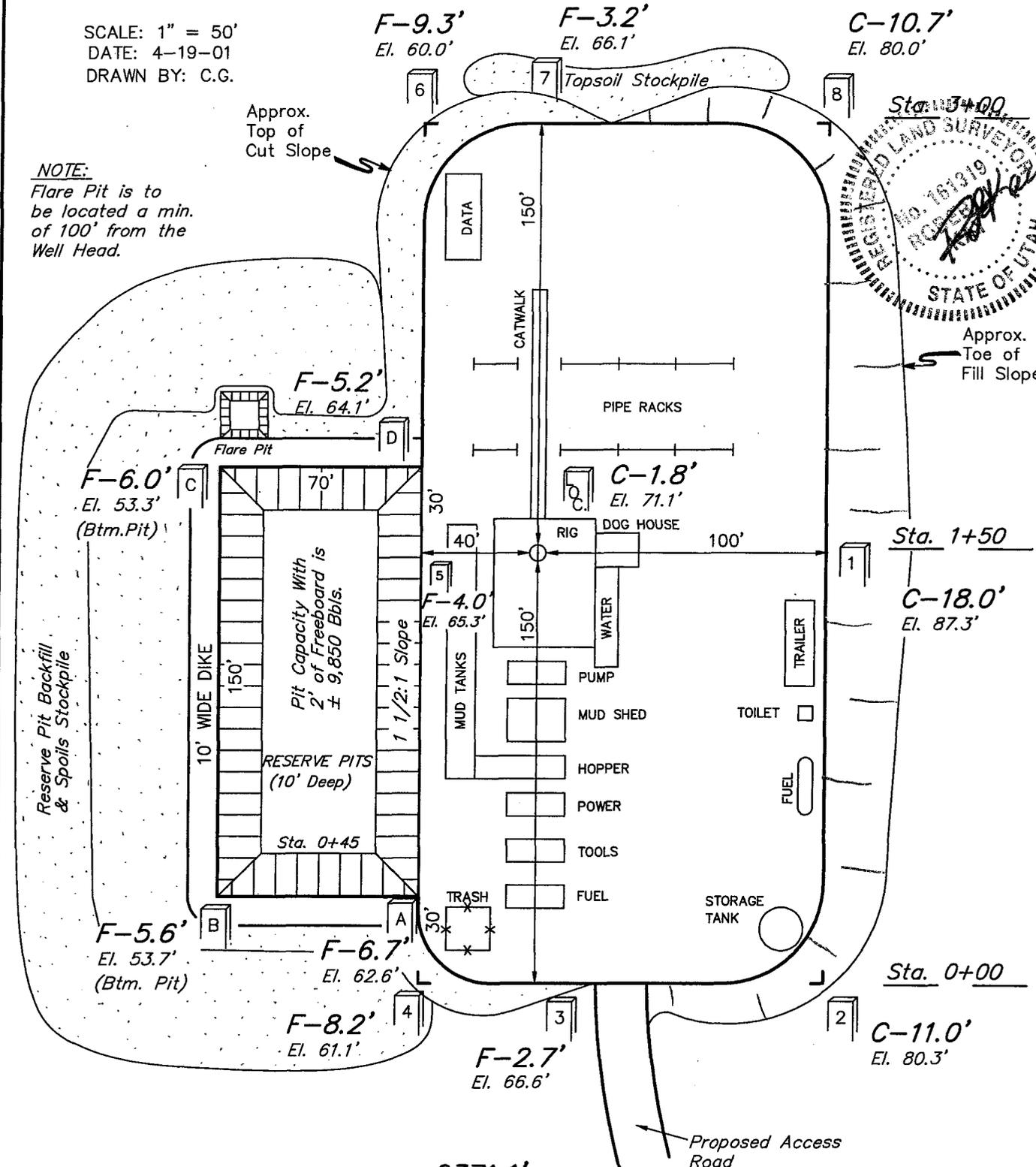
UTE TRIBAL #1-7R-54  
SECTION 7, T5S, R4W, U.S.B.&M.  
508' FNL 792' FEL



SCALE: 1" = 50'  
DATE: 4-19-01  
DRAWN BY: C.G.

**NOTE:**

Flare Pit is to be located a min. of 100' from the Well Head.



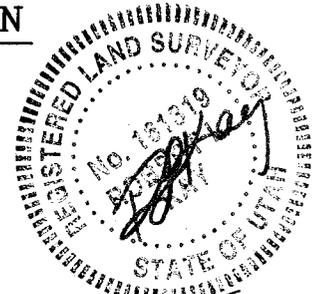
Elev. Ungraded Ground at Location Stake = 6371.1'  
Elev. Graded Ground at Location Stake = 6369.3'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# BARRETT RESOURCES CORPORATION

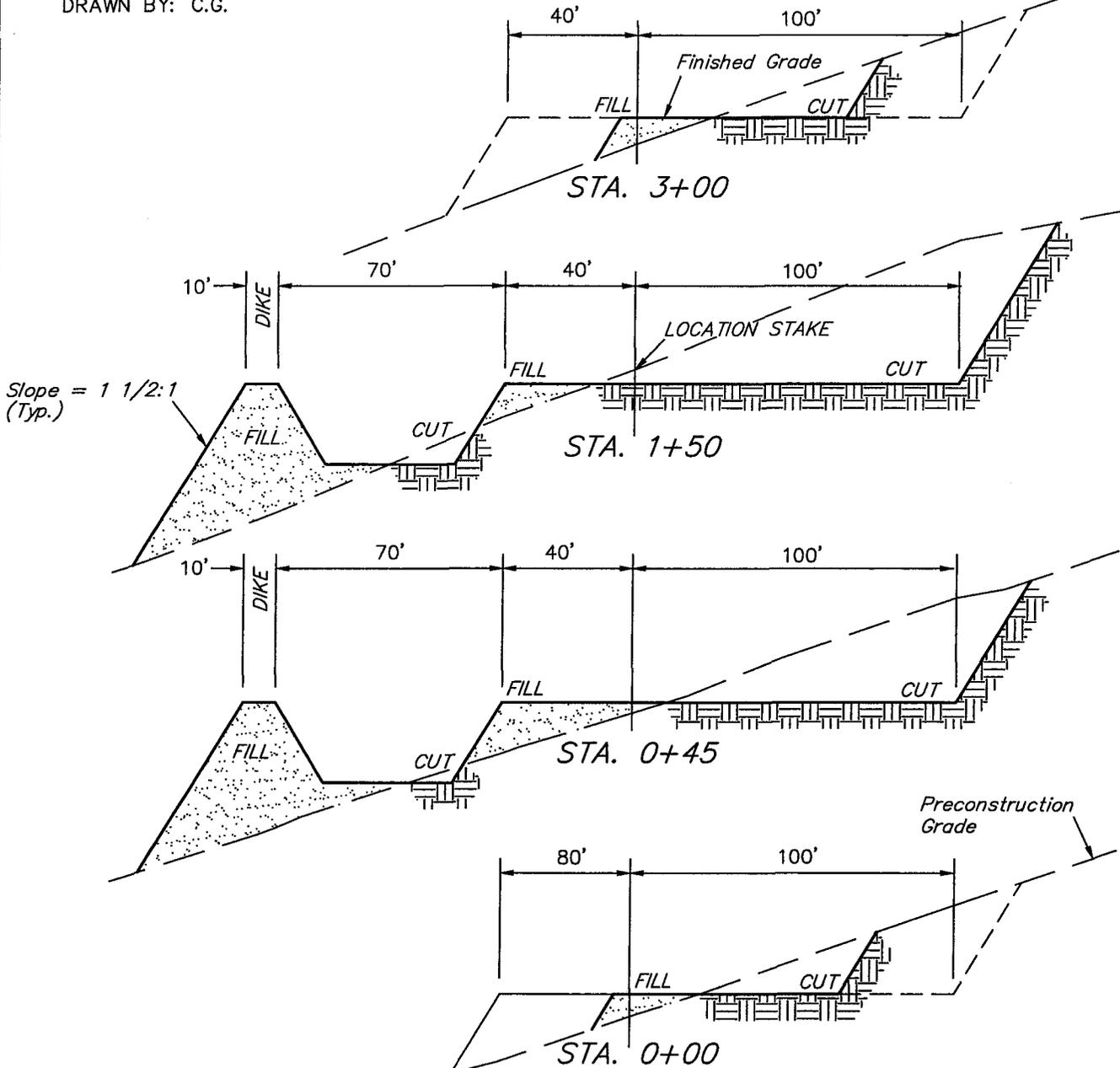
## TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #1-7R-54  
SECTION 7, T5S, R4W, U.S.B.&M.  
508' FNL 792' FEL



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

DATE: 4-19-01  
DRAWN BY: C.G.

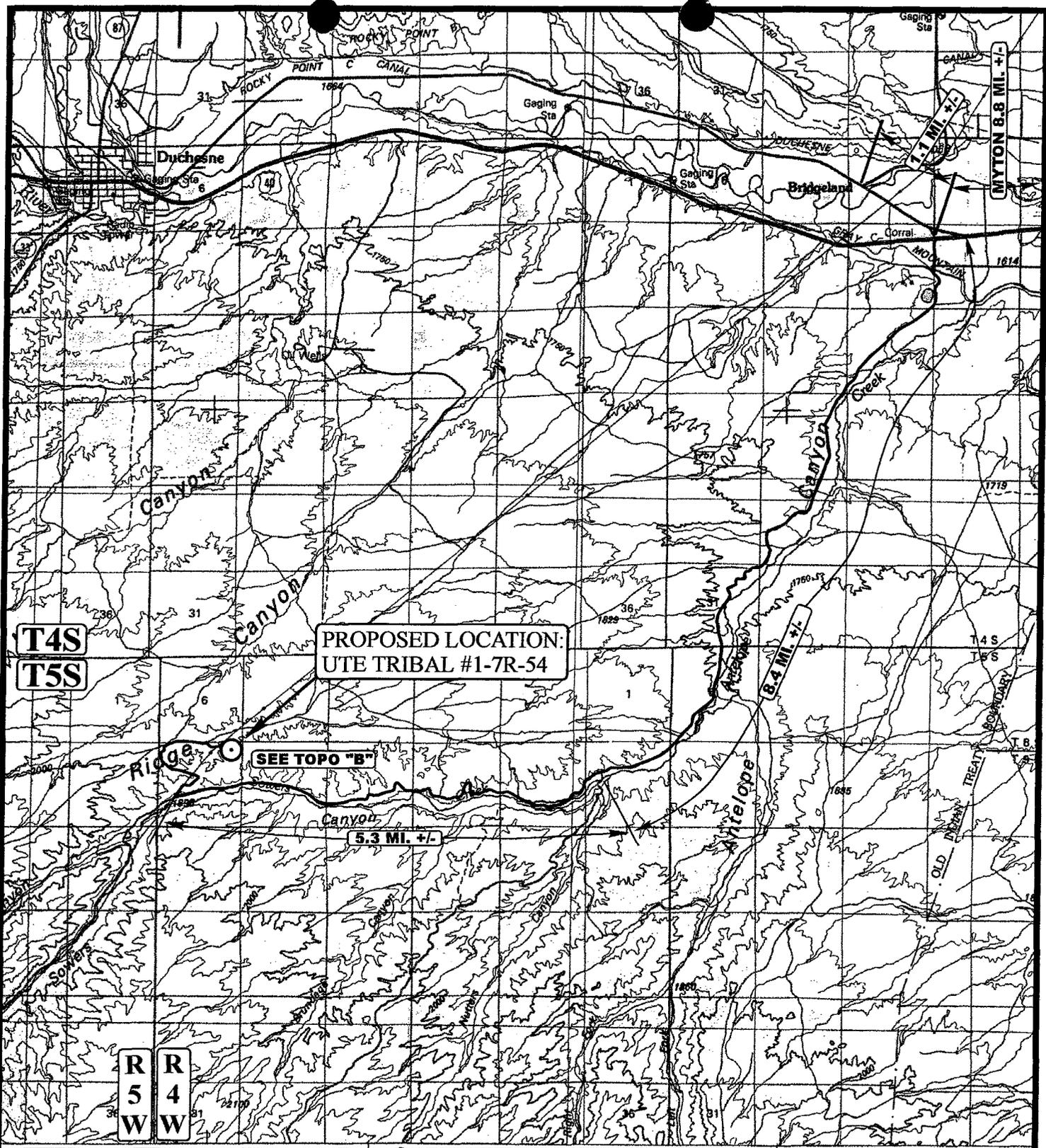


### APPROXIMATE YARDAGES

CUT		
(12") Topsoil Stripping	=	1,030 Cu. Yds.
Remaining Location	=	9,240 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>10,270 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>7,460 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,520 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,520 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



**LEGEND:**

○ PROPOSED LOCATION

N



**BARRETT RESOURCES CORPORATION**

**UTE TRIBAL #1-7R-54**  
**SECTION 7, T5S, R4W, U.S.B.&M.**  
**508' FNL 792' FEL**



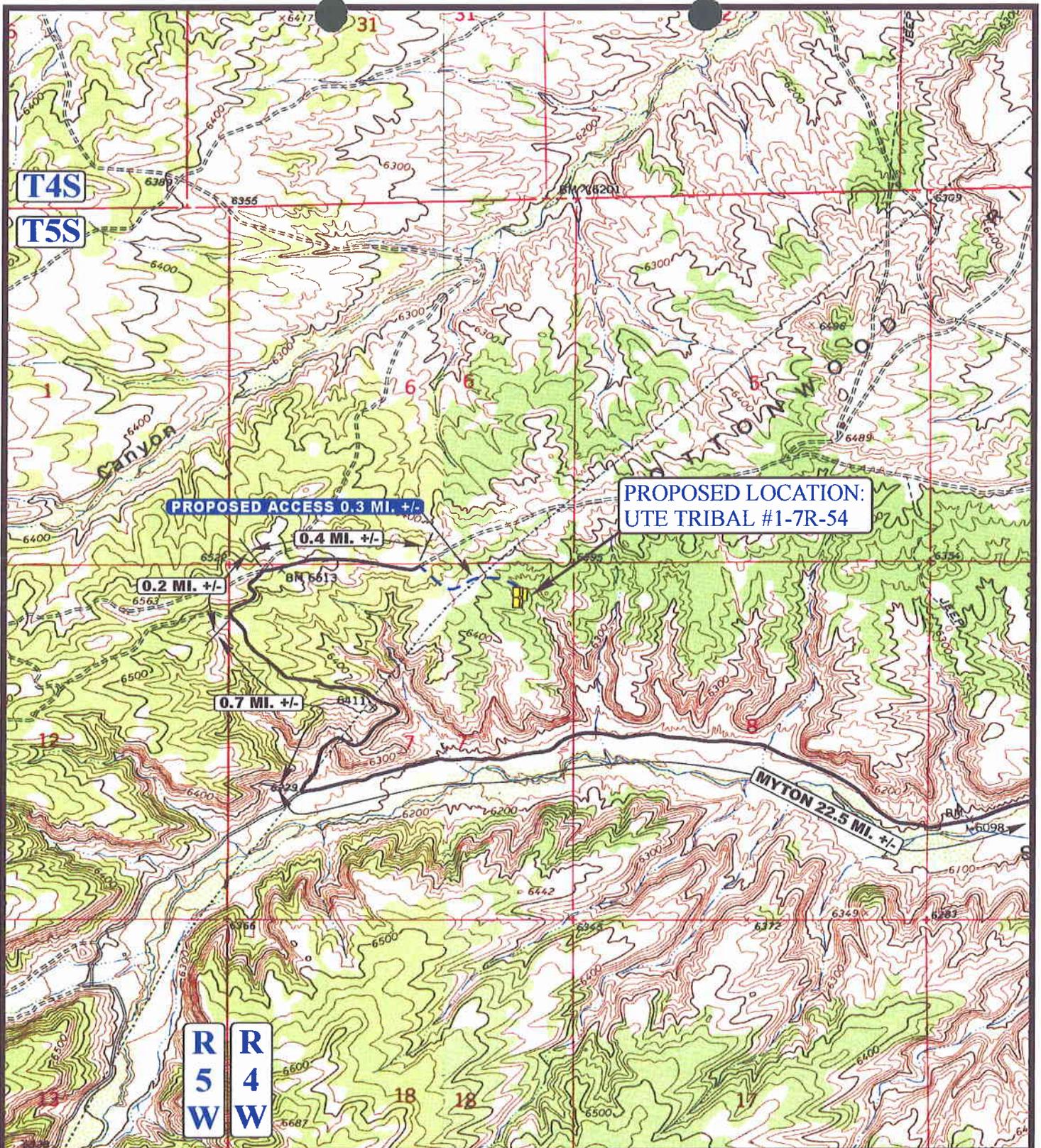
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**4 1801**  
 MONTH DAY YEAR

SCALE: 1:100,000 | DRAWN BY: J.L.G. | REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**BARRETT RESOURCES CORPORATION**

UTE TRIBAL #1-7R-54  
 SECTION 7, T5S, R4W, U.S.B.&M.  
 508' FNL 792' FEL



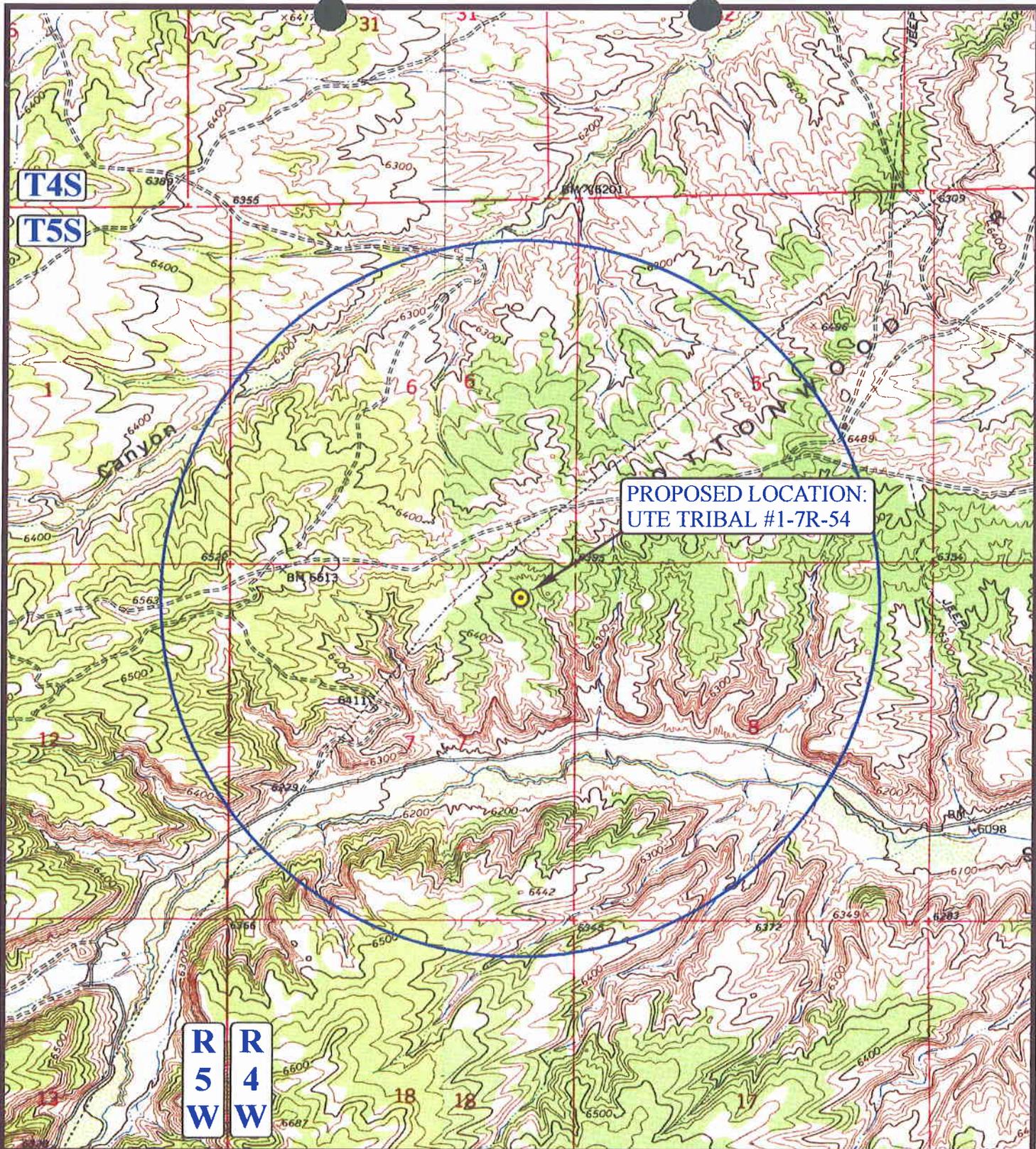
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
 MAP**

**4 18 01**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**BARRETT RESOURCES CORPORATION**

**UTE TRIBAL #1-7R-54**  
**SECTION 7, T5S, R4W, U.S.B.&M.**  
**508' FNL 792' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **4 18 01**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



**Barrett Resources Corp.,  
Ute Tribal #1-7R-54 well:  
A Cultural Resource Inventory for a well pad,  
its access and pipeline,  
Uintah-Ouray Ute Reservation,  
Duchesne County, Utah**

**By  
James A. Truesdale**

**James A. Truesdale  
Principle Investigator**

**Prepared For  
Barrett Resources Corporation  
30 West 425 South (330-5)  
Roosevelt, Utah  
84066**

**Prepared By  
AN INDEPENDENT ARCHAEOLOGIST  
P.O.Box 153  
Laramie, Wyoming  
82073**

**Utah Project # U-01-AY-0058(i)**

**April 23, 2001**

## Introduction

An Independent Archaeologist (AIA) was contacted by a representative of Barrett Resources Corporation, to conduct a cultural resources investigation of the proposed Ute Tribal well #1-7R-54 (508' FNL, 792' FEL), its access and pipeline. The location of the project area is in the NE/NE 1/4 of Section 7, T5S, R4W, Duchesne County, Utah (Figure 1). The proposed access and pipeline parallel each other and trend 700 feet (213.4 m) east-southeast, from an existing oil and gas field service road and along a old abandon well access, to the proposed well location. The proposed well pad is situated on the old Lomax Eng. Corp Cottonwood Ridge Ute #1-7 well pad. The land is administered by Uintah-Ouray Ute tribe, Fort Duchesne, Utah. A total of 13.2 acres was surveyed. Fieldwork was authorized through an access permit issued by the Energy and Minerals Resource Division of the Uintah-Ouray Ute tribe. The field work was conducted on April 9, 17-19, 2001 by AIA archaeologist James Truesdale accompanied by Lonnie Nephi (technician, Energy and Minerals Resource Division, Uintah-Ouray Ute tribe). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

## File Search

A file search was conducted at the Office by the Utah State Historical Society, Antiquities Section, Records Division on March 21, 2001. No cultural resources have been previously recorded in or adjacent to the project area.

## Environment

Physiographically, the project is located in the Uinta Basin, approximately 25 miles southwest of Myton, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The terrain is characterized as having steep ridges and/or buttes of Uintah Formation sandstones and clays dissected by seasonal drainages and washes with wide flat alluvial plains. Portions of the desert hardpan and bedrock in the Sowers and Brundage Canyon area are covered with aeolian sand which may reach a depth of over 1 to 2 meters in areas. The project area is west of Sowers Canyon which is the nearest permanent drainage. This drainage trends east 6 miles to Antelope Creek and then 10 miles north to the Duchesne River.

Vegetation in the project area is characteristic of a Pinon/Juniper community. Species observed in the project area include; Pinyon pine (Pinus Edulis), juniper (Juniperus Osteosperma), shadscale (Atriplex confertifolia), sand sage, (Artemesia filifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), Indian ricegrass (Oryzopsis hymenoides), desert needlegrass (Stipa speciosa), wild buckwheat, (Eriogonum ovalifolium), desert globemallow (Bromus tectorum),

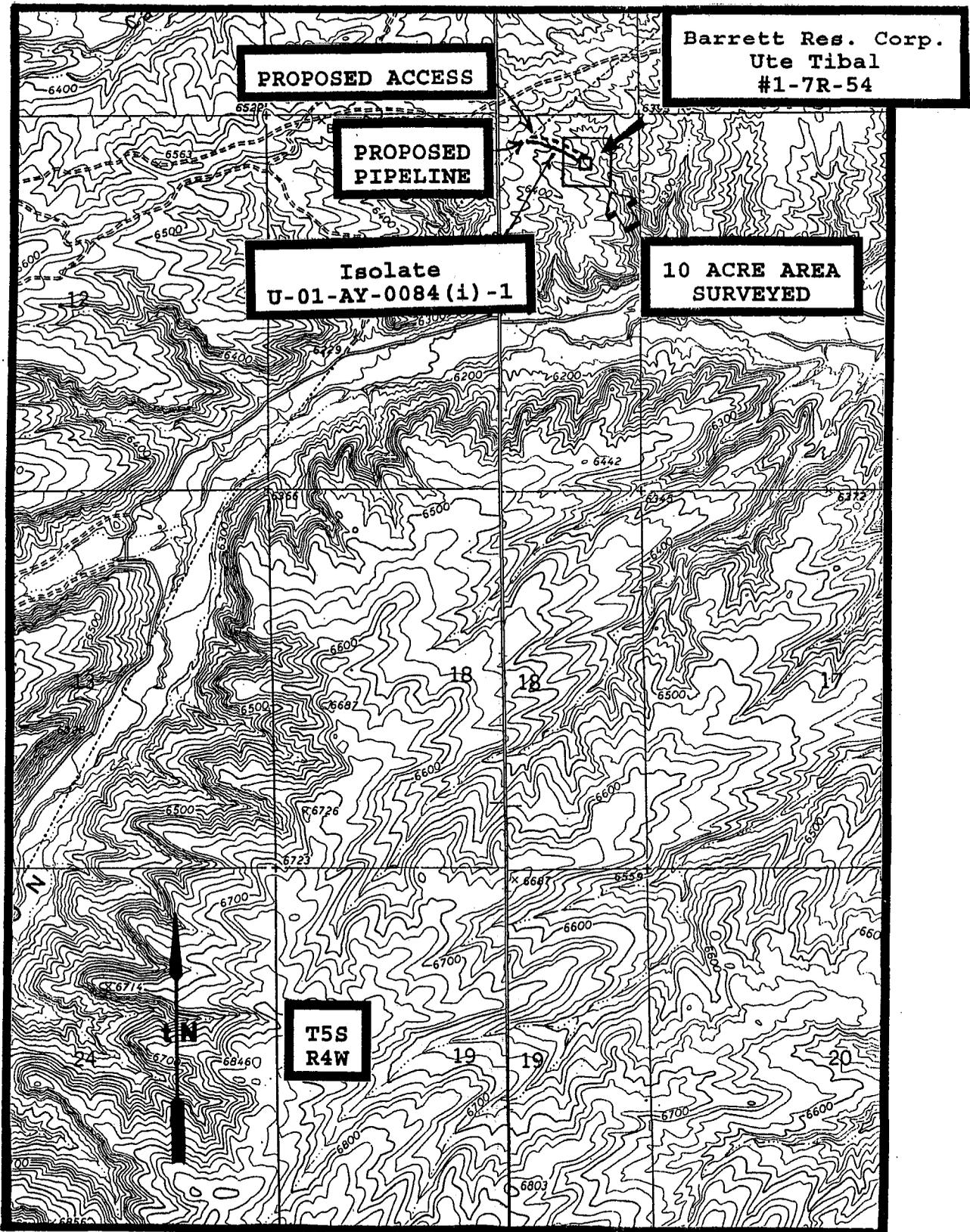


Figure 1. Location of the proposed Barrett Resources Corp. Ute Tribal #1-7R-54, its access and pipeline on 7.5'/1964 quadrangle maps Duchesne SE and Duchesne SW, Duchesne Couty, Utah.

peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), and prickly pear cactus (Opuntia spp.).

The immediate proposed Barrett Resources Corp. Ute Tribal #1-7R-54 well is situated on the northern talus slope of a narrow east-west trending ridge. In addition, the location is situated on the old abandon Lomax Eng. Corp. Cottonwood Ridge #1-7 well pad. From an existing two track road, the proposed access and pipeline parallel each other and follow along the abandon well access 700 feet (213.4 m) east-southeast, down a ridge slope, to the proposed well pad. Vegetation on the well location consists of Pinyon/juniper with an understory of low sagebrush and bunchgrasses. Juniper and pinyon dominate the landscape surrounding the proposed location and along its proposed access and pipeline. Sediments surrounding the proposed well location consist of colluvial deposits. These deposits are shallow (<5 cm) and consist of silty sands and eroding angular pieces of Uintah Formation sandstone and shales. The proposed well location is located at an elevation of 6360 feet (1939 m) AMSL.

#### Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 and 20 meters apart. The proposed access and pipeline parallel each other. Each corridor is 700 feet (213.4 m) long and 100 feet (30.4 m) wide, 1.6 acres. A total of 3.2 linear acres was surveyed. Areas of subsurface exposure (ant hills, blowouts, eroding slopes and cutbanks) were examined with special care in order to help assess the potential for buried cultural deposits.

#### Results

A total of 13.2 acres were surveyed for cultural resources within and around the proposed Barrett Resources Corp. Ute Tribal #1-7R-54 well location, its access and pipeline. One isolate (U-01-AY-0058(i)-1) was recorded. No additional cultural materials were located during these archaeological investigations.

Isolate: U-01-AY-0058(i)-1

Location: C/SW/SW/NW/NE/NE 1/4 of Section 7, T5S R4W (Figure 1)

Setting: The isolate is situated on the flat crest of an east-west trending ridge. Vegetation is dominated by Pinyon pine, juniper and mountain mahogany, with a sparse understory of low sagebrush, bunch grasses, yucca and prickly pear cactus. Sediments are shallow (<10 cm) and consist of small pockets of aeolian sand overlying eroding bedrock. The landscape is dominated by eroding residual Uinta formation sandstone, clay and shales. The surface is littered with small long angular pieces of chert. The elevation is 7085 feet (2160 m) AMSL.

Description: The isolate consists of four pieces of chipped stone debitage. The debitage is represented by two secondary and two tertiary flakes made from a local light/dark brown (banded) chert.

No additional artifacts (flakes, retouched flakes, bifaces) and/or features (firepits, cairns) were recorded in association with the isolate. Eroding slopes and cut banks indicate that sediments are shallow and that the possibility for buried and intact cultural materials is low. The isolate is not considered to be significant.

#### Recommendations

A total of 13.2 acres were surveyed for cultural resources within and around the proposed Barrett Resources Corp. Ute Tribal #1-7R-54 well location, its access and pipeline. One isolate (U-01-AY-0058(i)-1) was recorded. Construction of the proposed Ute Tribal #1-7R-54 well pad its access and pipeline will not impact the isolate. No additional cultural materials were recorded during the survey. Thus no further archaeological work is necessary and clearance for construction of the proposed Barrett Resources Corp. Ute Tribal #1-7R-54 well location, its access and pipeline is recommended.

#### References Cited

Thornbury, William D.

1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc. New York.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/29/2001

API NO. ASSIGNED: 43-013-30925

WELL NAME: ~~STATE~~ TRIBAL 1-7R-54 (REENTER)  
 OPERATOR: BARRETT RESOURCES CORP ( N9305 )  
 CONTACT: EDDY COURTRIGHT

**AMENDED**

PHONE NUMBER: 435-722-1325

PROPOSED LOCATION:

NENE 07 050S 040W  
 SURFACE: 0508 FNL 0792 FEL  
 BOTTOM: 0508 FNL 0792 FEL  
 DUCHESNE  
 UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian  
 LEASE NUMBER: 14-20-H62-4778  
 SURFACE OWNER: 2 - ~~Indian~~ FEE (DWR)

PROPOSED FORMATION: CSLPK

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[2] Sta[] Fee[]  
 (No. 5865241 )  
 Potash (Y/N)  
 Oil Shale (Y/N) \*190-5 (B) or 190-3  
 Water Permit  
 (No. 43-11041 )  
 RDCC Review (Y/N)  
 (Date: )  
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

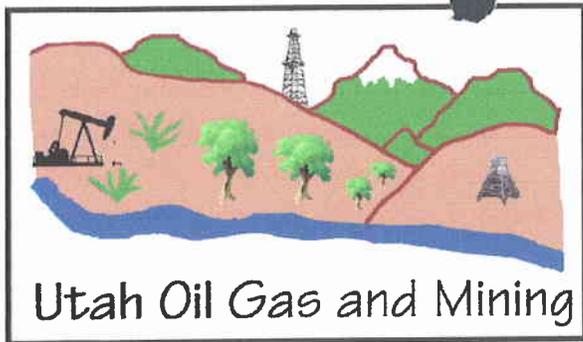
R649-2-3. Unit \_\_\_\_\_  
 R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 R649-3-3. Exception  
 Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 R649-3-11. Directional Drill

COMMENTS:

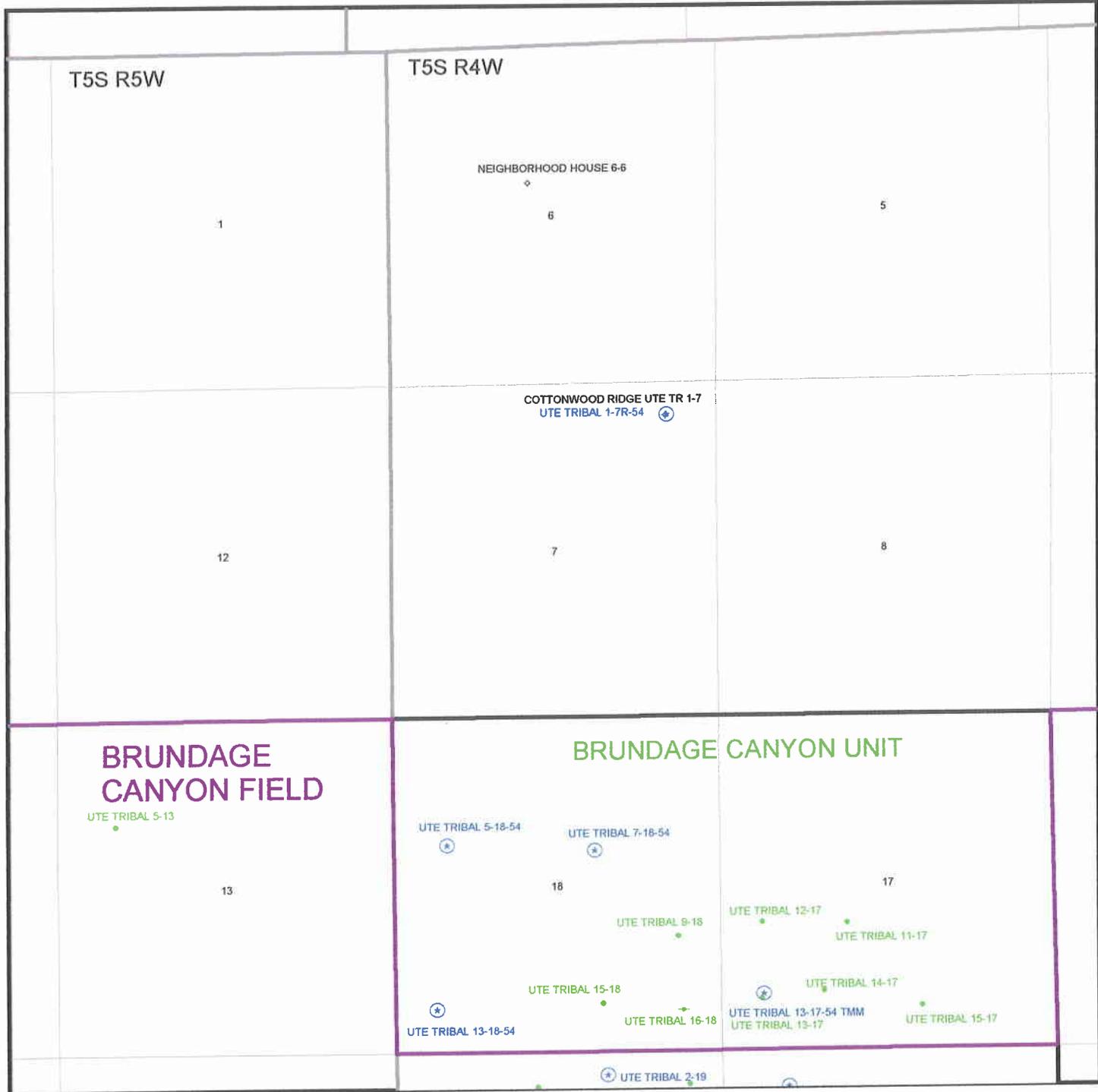
Ute Tribe Field SOP, separate file.  
 Need DWR ROW # DU0012EA015 / Brent Hutchins 11/27/01  
 Need presite. (11-6-01)

STIPULATIONS:

1- Federal Approval  
 2- Statement of basis



OPERATOR: BARRETT RESOURCES (N9305)  
 SEC. 7, T5S, R4W  
 FIELD: UNDESIGNATED (002)  
 COUNTY: DUCHESNE SPACING: R649-3-2/GEN ST



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

**Operator Name:** Williams Production RMT Company  
**Well Name & Number:** DWR-UTE #1-7R-54  
**API Number:** 43-013-30925  
**Location:** 1/4,1/4 NE/NE Sec. 7 T. 05S R. 04W

**Geology/Ground Water:**

The proposed well is on a Ute Tribal Lease. Surface casing and drilling program were evaluated and permitted by the BLM.

**Reviewer:** Brad Hill  
**Date:** 11/14/01

**Surface:**

An onsite of the surface area was done by division personnel and interested parties to take comments and address surface concerns regarding the re-entry of said well. An onsite had already been done by the BIA, Ute Tribe, and BLM, as confusion in surface ownership had disallowed the division and landowner of record the opportunity to participate. The division did not alter surface requests already approved by the BLM. Jack Lytle with Utah Division of Wildlife Resources made following observations and comments: the remediation of surface and road had taken well and had high value deer and elk feed growing on surface; also requested that another site be utilized because of high value feed; that if used, all traffic and disturbance by operations be confined to permitted or stipulated area or surface; that reserve pit (if built) be closed and remediated after use; that no onsite pits are left open for production purposes; and that a drilling window of no activity be applied from November 1<sup>st</sup> through April 15<sup>th</sup>. Ed Courtright responded that Williams would probably opt to re-enter well rather than moving and drilling a new well because of expense; that they will recover reserve pit as soon as completion is done, and that no onsite pits will be constructed for production or evaporation purposes.

**Reviewer:** Dennis L. Ingram  
**Date:** November 6, 2001

**Conditions of Approval/Application for Permit to Drill:**

1. A 20 mil synthetic liner shall be used over straw and felt pad in reserve pit to assure integrity and stability of pit.
2. A no drill, no activity window be in place from November 1<sup>st</sup> through April 15<sup>th</sup> because of deer, elk and mountain lion utilization.
3. No activity by rig crew and/or workers off location and access while drilling activity is in progress.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Williams Production RMT Company  
**WELL NAME & NUMBER:** DWR-UTE Tribal 1-7R-54  
**API NUMBER:** 43-013-30925  
**LEASE:** Indian **FIELD/UNIT:** Brundage Canyon  
**LOCATION:** 1/4, 1/4 NE/NE Sec: 7 TWP: 05S RNG: 04W  
508' F N L 792' F E L  
**LEGAL WELL SITING:** Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well.  
**GPS COORD (UTM):** 12 553586E; 4435368N  
**SURFACE OWNER:** Utah Division of Wildlife Resources

**PARTICIPANTS:**

Eddy Courtright (Williams Production); Jack Lytle (Utah Division  
of Wildlife Resources); Dennis L. Ingram (DOGM).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

Location is proposed approximately 13.0+ miles southwest of  
Highway 40 off Bridgeland turnoff by way of Sowers Canyon and on  
eastern slope of Cottonwood Ridge in pinyon and cedar habitat  
typical of region.

**SURFACE USE PLAN:**

**CURRENT SURFACE USE:** Wildlife use and winter range for deer  
and elk

**PROPOSED SURFACE DISTURBANCE:** Proposed as 0.3 miles from  
west along reclaimed or old road into location measuring  
140'x 300'x plus reserve pit and storage area for surface  
and topsoil stock piles (see location lay out from).

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** See GIS  
data base

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** All  
production facilities shall remain or be sited on location

**SOURCE OF CONSTRUCTION MATERIAL:** Native cut and fill or  
borrowed material.

ANCILLARY FACILITIES: None requested during onsite visit.

**WASTE MANAGEMENT PLAN:**

Please reference Barrett Standard Operating Procedure (SOP Version: February 01, 2001).

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: None affected or noted during onsite, however, narrow, steep drainage immediately southeast of proposed reserve pit that drains into Sowers Canyon, approximately 0.3 miles.

FLORA/FAUNA: Location and access road have been reclaimed, contoured, and vegetation has fully recovery yielding high value deer and elk winter feed. Winter range for elk, deer, mountain lion, black bear, coyote and a range of smaller mammals and birds.

SOIL TYPE AND CHARACTERISTICS: Light tan, fine grained sandy loam with underlying flagstone.

EROSION/SEDIMENTATION/STABILITY: Minor erosion, some sedimentation, no stability problems anticipated, was previously disturbed.

PALEONTOLOGICAL POTENTIAL: None observed during onsite

**RESERVE PIT:**

CHARACTERISTICS: Proposed on east side of location downhill and in fill overlooking draw and downwind from wellbore, measuring 70'x 150'x 9' deep.

LINER REQUIREMENTS (Site Ranking Form attached): 25 points  
That straw and a felt padding be utilized under a 20 mil synthetic liner because of pit location and potential stability problems. Reserve pit was permitted prior to onsite with DOGM by BLM, BIA and BLM so was allowed to stand but will hold the operator accountable if fluid leaks down canyon.

**SURFACE RESTORATION/RECLAMATION PLAN:**

As stipulated in landowner agreement

**SURFACE AGREEMENT:** No

**CULTURAL RESOURCES/ARCHAEOLOGY:** An arch survey was attached to APD and done by James Truesdale on April 9, 17-19, 2001. Lonnie Nephi accompanied Mr. Truesdale on survey as the BIA and Ute Tribe believed the surface was Indian.

**OTHER OBSERVATIONS/COMMENTS:**

P&A marker on reclaimed Lomax location was originally moved northwest of center/center because of topography. Reclamation and reseeding has done well and produces better ground cover and wildlife feed than adjacent lands. Reserve pit was staked downhill and in fill overlooking narrow canyon into Sowers Canyon because operator records show old reserve pit was on west or uphill side and doesn't want to disturb or risk liability. Operator plans on using a workover rig to re-enter old wellbore. A change of well name was requested by the division so further confusion does not occur over regulatory issues.

**ATTACHMENTS:**

Photographs of surface in recovered situation

Dennis L. Ingram  
**DOGM REPRESENTATIVE**

11/06/01 12:45 PM  
**DATE/TIME**

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

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



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 7, 2001

Barrett Resources Corporation  
30 W 425 S (330-5)  
Roosevelt, UT 84066

Re: Ute Tribal 1-7R-54 Well, 508' FNL, 792' FEL, NE NE, Sec. 7, T. 5 South, R. 4 West,  
Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30925.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Barrett Resources Corporation  
**Well Name & Number** Ute Tribal 1-7R-54  
**API Number:** 43-013-30925  
**Lease:** 14-20-H62-4778 (E&D)

**Location:** NE NE      **Sec.** 7      **T.** 5 South      **R.** 4 West

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK

DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL

Oil well  Gas well  OTHER  Single zone  Multiple zone

2. NAME OF OPERATOR

BARRETT RESOURCES CORPORATION

3. ADDRESS OF OPERATOR

30 WEST 425 SOUTH (330-5) ROOSEVELT, UTAH 84066

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

At surface

(NE/NE) 508' FNL, 792' FEL

At proposed prod. zone

SAME AS ABOVE

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

24.6 MILES FROM MYTON, UTAH

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

(Also to nearest drlg. unit line, if any) 508'

16. NO. OF ACRES IN LEASE

640

17. NO OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE. FT. 6800'

19. PROPOSED DEPTH 5860'

20. ROTARY OR CABLE TOOLS ROTARY

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

6371' GR

22. APPROX. DATE WORK WILL START\* REFER TO BRC SOP PLAN

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
REFER TO BARRETT RESOURCES CORPORATION SOP'S DRILLING PROGRAM/CASING DESIGN				

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL. PLEASE SEE THE ATTACHED CONDITIONS FOR APPROVAL.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

EDDY COURTRIGHT  
30 WEST 425 SOUTH (330-5)  
ROOSEVELT, UTAH 84066

BOND # 5865241

OFFICE: (435)722-1325

CELLULAR: (435)722-1862

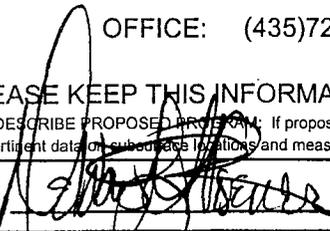
DIVISION OF  
OIL, GAS AND MINING

PLEASE KEEP THIS INFORMATION ON THIS WELL **CONFIDENTIAL**

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 directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE UTAH DISTRICT OFFICE MANAGER

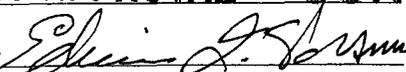
DATE 05/21/01

(This space for Federal or State office use)

PERMIT NO. **CONDITIONS OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**

APPROVED BY



TITLE

Assistant Field Manager  
Mineral Resources

DATE

6/19/01

\*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 a fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGIM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Barrett Resources Corp.

Well Name & Number: Ute Tribal 1-7R-54

API Number: 43-013-30925

Lease Number: 14-20-H62-4778

Location: NENE Sec. 7 T. 5S R. 4W

Agreement: N/A

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

None

2. Pressure Control Equipment

None

3. Casing Program and Auxiliary Equipment

None

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

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.

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.

7. Other Information

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

Ed Forsman           (435) 789-7077 (HOME)       (435) 646-1685 (PAGER)  
Petroleum Engineer

Kirk Fleetwood       (435) 789-6858 (HOME)       (435) 646-1678 (PAGER)  
Petroleum Engineer

BLM FAX Machine   (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

Barrett Resources Corporation (Barrett) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Barrett personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Barrett employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah & Ouray Indian Reservation.

Barrett employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Barrett will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of-Way (ROW). Barrett shall receive written notification of authorization or denial of the requested modification. Without authorization, Barrett will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Barrett shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians.

A qualified archaeologist accompanied by a Tribal technician will monitor any trenching construction involved in the pipeline construction.

A corridor ROW, 30 feet wide, shall be granted for the pipeline and access road. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves, deep cuts and fills occur; or, where intersections with other roads are required.

Upon completion of the pertinent APD and ROWs construction, Barrett will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Barrett will implement "Safety and Emergency Plan" and ensure plan compliance.

Barrett shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontologic resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Barrett employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontologic fossils. No significant cultural resources shall be disturbed.

Barrett will control noxious weeds on the well site and ROWs. Barrett will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled to approved disposal sites or shall be used to drill other wells. When the reserve pits are backfilled, the pit liner remnants, the surplus oil and mud, etc., will be buried a minimum of 3.0 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. Where pipelines are constructed parallel to roads they may be assembled on the road and then lifted from the road into place within the ROW. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed, the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, Barrett will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated by reseeded all disturbed areas.

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File STATE UTE 1-7R-54  Suspense  Other  
 Return date \_\_\_\_\_  
 (Location) Sec 07 TWP 5S RNG 4W To-Initials GH \_\_\_\_\_  
 (API No.) 43-013-30925 \_\_\_\_\_

1. Date of Phone Call: NOVEMBER 25, 2001 Time: 8:00 AM

2. DOGM Employee (name) DENNIS L. INGRAM Initiated Call YES  
 Talked to:  
 Name Jack Lytle Initiated Call  Phone (435)738-3103  
 of (Company) Utah Division of Wildlife Resources

3. Topic of Conversation: Well was permitted as Indian surface, Indian Mineral by Barrett Resources, the Ute Tribe, BIA, and BLM and was later discovered by Barrett that the Utah Division of Wildlife Resources owned surface. (Well was proposed as re-entry)

4. Highlights of Conversation: Barrett (now Williams) discovered that they had permitted a FEE surface as Tribal and notified Jack Lytle with DWR of their mistake. Jack Lytle came by Roosevelt Office on 10/23/01 and met with David Hackford about not being invited to the onsite meeting. Hackford assured Lytle that DOGM would not onsite DWR property without inviting them, and notified me. I telephoned Jack Lytle on 10/24/01 and set up a field visit to said location with Lytle on 10/25/01 to see whether surface disturbance or dirt work had been done. Photos were taken. An NOV was issued on 10/25/01 in person to Williams requesting an explanation in writing to the division on how mistake was made. Letter received on November 8, 2001 from Fritts Rosenberger (landman) that addressed and fulfilled the NOV from DOGM. An onsite meeting was done on 11/06/01 with DWR, Williams, and DOGM to allow landowner participation. No surface agreement had been reached. Also telephoned and discussed issue with Greg Darlington who permits for BLM; Manuel Myore with BIA was also notified. The 1981 edition BIA map clearly shows that entire section as FEE surface.



November 8, 2001

Mr. Brad Hill  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114

ENERGY SERVICES  
Tower 3, Suite 1000  
1515 Arapahoe Street  
Denver, CO 80202  
303/572-3900  
303/629-8255 fax

RE: State Tribal 1-7R-54  
Williams Well No. 54673  
Township 5 South, Range 4 West  
Section 7: NENE  
Brundage Canyon Field  
Duchesne County, Utah

Dear Mr. Hill:

Williams Production RMT Company is in receipt of Notice of Violation dated October 25, 2001 regarding the captioned well. The violation was for submitting an APD listing the incorrect surface owner.

Our records indicated that the captioned proposed well was located on Ute Tribe surface and Ute Tribe minerals. The original APD referenced the proposed well name as Ute Tribal 1-7R-54. We have since learned that the well is located on State Division of Wildlife surface and Ute Tribe minerals. Williams has changed the name of the well to State Tribal 1-7R-54. It is my understanding that the incorrect APD was approved, however, please be assured that Williams has not conducted any operations on this location other than the original survey.

We apologize for our error in this matter and we hope we haven't caused the Division of Oil, Gas & Mining or the Division of Wildlife any harm. Williams has taken additional steps to assure that our records on surface ownership in the Uinta Basin are correct.

Should you have any questions, please feel free to call me at 303-606-4045.

Sincerely,

WILLIAMS PRODUCTION RMT COMPANY

  
Fritts Rosenberger  
Senior Landman

Cc: Mr. Dennis Ingram  
Division of Oil, Gas & Mining  
30West, 425 South  
Roosevelt, Utah 84066



Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114  
Phone: (801) 538-5340

**NOTICE OF VIOLATION**  
STATE OF UTAH  
OIL AND GAS CONSERVATION ACT  
\*\*\*\*\*

To the following operator:

Name: WILLIAMS PRODUCTION RMT COMPANY

Well or Site: UTE TRIBE 1-7R-54

Location: Township SS, Range 4W, Section 7, County DUCHESNE

Date and time of inspection: 10-25-01 @ 12:30 PM

Mailing Address: 1515 ARADAHOE STREET, TOWER 3, SUITE 1000  
DENVER, COLORADO 80202

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining has conducted an inspection of the above described site on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):  
Rule R649-3:8 "Predrill evaluation of drilling operations located on STATE or PRIVATE lands shall be scheduled and conducted by the division prior to approval of an APD"  
"Operator shall include in the APD the name, address, and telephone number of the private surface owner"

Surface on said well belongs to Division of Wildlife, Not Ute Tribe  
Additional information/materials attached Y/N (circle one) Y

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining.

Compliance Deadline: 10/30/01 RESPOND TO DIVISION IN WRITING  
Explaining How mistake on surface ownership was made.

Date of service mailing \_\_\_\_\_

Time of service mailing \_\_\_\_\_

Dennis [Signature]  
Division's Representative

Operator or Representative  
(If presented in person)



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 7, 2001

\*Amended November 28, 2001

Barrett Resources Corporation  
30 W 425 S (330-5)  
Roosevelt, UT 84066

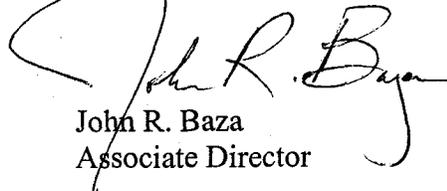
Re: \*State Tribal 1-7R-54 Well, 508' FNL, 792' FEL, NE NE, Sec. 7, T. 5 South, R. 4 West, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30925.

Sincerely,



John R. Baza  
Associate Director

er  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
Division of Wildlife Resources

**Operator:** Barrett Resources Corporation  
**Well Name & Number** \*State Tribal 1-7R-54  
**API Number:** 43-013-30925  
**Lease:** 14-20-H62-4778 (E&D)  
**Location:** NE NE      **Sec.** 7      **T.** 5 South      **R.** 4 West

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5.\* Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached).

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

**CONFIDENTIAL**

OMB No. 1004-0135  
Expires: July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

UTE 14-20-H62-4778 (E&D)

6. If Indian, Allottee, or Tribe Name

DWR SURFACE/UTE MINERALS

7. If Unit or CA. Agreement Designation

**SUBMIT IN TRIPLICATE-Other Instructions on the reverse side**

1. Type of Well

Oil Well     Gas Well     Other \_\_\_\_\_

2. Name of Operator

Williams Production RMT Company

3. Address 30 West 425 South (330-5)  
Roosevelt, Utah 84066

3b. Phone No. (include area code)  
(435) 722-1325

8. Well Name and No.

STATE TRIBAL 1-7R-54

9. API Well No.

43-013-30925

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

508' FNL x 792' FEL  
NE/4 NE/4 Section 7-T5S-R4W

10. Field and Pool, or Exploratory Area

BRUNDAGE CANYON

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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/>	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>ONE YEAR</b>
<input type="checkbox"/>	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>EXTENSION</b>
<input type="checkbox"/>	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

WILLIAMS PRODUCTION RMT COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR ONE (1) YEAR.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**RECEIVED**

MAY 20 2002

DIVISION OF  
OIL, GAS AND MINING

COPY SENT TO OPERATOR  
Date: 5-23-02  
Initials: CHO

Date: 05-23-02  
By: *[Signature]*

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

Name (Printed/ Typed) Debbie L. Wisener  
Signature *[Signature]*

Title Field Office Administrator SR.  
Date 5/6/02

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAY 17 2002

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE-Other Instructions on the reverse side

1. Type of Well

Oil Well     Gas Well     Other \_\_\_\_\_

2. Name of Operator  
Williams Production RMT Company

3. Address 30 West 425 South (330-5)  
Roosevelt, Utah 84066  
3b. Phone No. (include area code)  
(435) 722-1325

4. Location of Well (Footage, Sec., T., R.M., or Survey Description)  
508' FNL x 792' FEL  
NE/4 NE/4 Section 7-T5S-R4W

5. Lease Serial No.  
UTE 14-20-H62-4778 (E&D)  
6. If Indian, Allooitee, or Tribe Name  
DWR SURFACE/UTE MINERALS  
7. If Unit or CA. Agreement Designation

8. Well Name and No.  
STATE TRIBAL 1-7R-54  
9. API Well No.  
43-013-30925  
10. Field and Pool, or Exploratory Area  
BRUNDAGE CANYON  
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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/>	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other ONE YEAR EXTENSION
<input type="checkbox"/>	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/>	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

WILLIAMS PRODUCTION RMT COMPANY RESPECTFULLY REQUESTS THAT THE ABOVE APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR ONE (1) YEAR.

RECEIVED

JUN 17 2002

DIVISION OF  
OIL, GAS AND MINING

CONDITIONS OF APPROVAL ATTACHED

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

Name (Printed/ Typed)  
Debbie L. Wisener  
Signature  
*[Handwritten Signature]*

Title  
Field Office Administrator SR.  
Date  
5/6/02

Approved by  
*[Handwritten Signature]*

Title  
Petroleum Engineer  
Date  
6/12/02

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

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

0061M

Willaims Production RMT Co.  
APD Extension

Well: Ute Tribal 1-7R-54

Location: NENE Sec. 7, T5S, R4W

Lease: 1420-H62-4778

**Conditions of Approval**

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 6/19/03
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.



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

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

June 25, 2003

Debbie Wisener  
Williams Production RMT Co  
RR3 BOX 3020  
Roosevelt, UT 84066-9607

Re: APD Rescinded - State Tribal 1-7R-54, Sec. 7, T. 5S, R. 4W Duchesne County,  
Utah API No. 43-013-30925

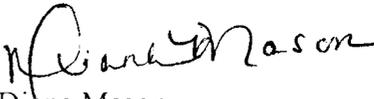
Dear Ms. Wisener:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 7, 2001. On May 23, 2002 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 25, 2003.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3160

UT08300

July 1, 2003

Debbie Wisener  
Williams Production RMT Company  
Route 3, Box 3020  
Roosevelt, Utah 84066

Re: Notification of Expiration  
Well No. Ute Tribal 1-7R-54  
NENE, Sec. 7, T5S, R4W  
Duchesne County, Utah  
Lease No. 14-20-H62-4778

Dear Ms. Wisener:

The Application for Permit to Drill the above-referenced well was approved on June 19, 2001. A one (1) year extension of the original APD was requested. The request was reviewed and the extension approved until June 19, 2003. Since that date no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Leslie Walker  
Legal Instruments Examiner

cc: UDOGM - Diana Mason  
BIA  
Ute Tribe

RECEIVED

JUL 09 2003

DIV. OF OIL, GAS & MINING

**ROUTING**

1. GLH
2. CDW
3. FILE

**OPERATOR CHANGE WORKSHEET**

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

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

**8/28/2003**

<b>FROM:</b> (Old Operator): N1945 - Williams Production RMT Company 1515 Arapahoe St., Tower 3, #1000 Denver, CO 80202 Phone: 1-(303) 572-3900	<b>TO:</b> ( New Operator): N2480 - Berry Petroleum Company 5201 Truxtun Ave., Suite 300 Bakersfield, CA 93309-0640 Phone: 1-(661) 616-3900
---	---

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ST TRIBAL 1-7R-54	07	050S	040W	4301330925	99998	Indian	OW	PA	C
B C UTE TRIBAL 14-15	15	050S	040W	4301330842	9440	Indian	OW	P	
B C UTE TRIBAL 16-16	16	050S	040W	4301330841	9489	Indian	OW	P	
UTE TRIBAL 13-19	19	050S	040W	4301331284	11134	Indian	OW	P	
UTE TRIBAL 1-20	20	050S	040W	4301330966	9925	Indian	OW	P	
B C UTE TRIBAL 8-21	21	050S	040W	4301330829	8414	Indian	OW	S	
Z & T UTE TRIBAL 2-21	21	050S	040W	4301331280	11130	Indian	OW	P	
Z & T UTE TRIBAL 10-21	21	050S	040W	4301331283	11133	Indian	GW	P	
BC UTE TRIBAL 4-22	22	050S	040W	4301330755	2620	Indian	OW	P	
UTE TRIBAL 23-3R	23	050S	040W	4301330886	9102	Indian	OW	P	
S BRUNDAGE CYN UTE TRIBAL 4-27	27	050S	040W	4301331131	9851	Indian	OW	P	
S BRUNDAGE UTE TRIBAL 1-29	29	050S	040W	4301330964	2621	Indian	OW	S	
S BRUNDAGE UTE TRIBAL 1-30	30	050S	040W	4301330948	9850	Indian	OW	P	
UTE TRIBAL 1-32R	32	050S	040W	4301330872	13020	Indian	OW	P	
UTE TRIBAL 5-13	13	050S	050W	4301331152	10421	Indian	OW	P	
T C UTE TRIBAL 9-23X	23	050S	050W	4301330999	9720	Indian	OW	P	
UTE TRIBAL 3-24R-55	24	050S	050W	4301330960	99998	Indian	OW	PA	C
UTE TRIBAL 15-24R	24	050S	050W	4301331129	11985	Indian	OW	P	
TABBY CYN UTE TRIBAL 1-25	25	050S	050W	4301330945	9722	Indian	OW	P	
SOWERS CYN UTE TRIBAL 3-26	26	050S	050W	4301330955	10423	Indian	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: 9/4/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/4/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/13/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5307764-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

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 N/A BIA not received

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not received

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

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/23/2003

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/30/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/30/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

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

1. State well(s) covered by Bond Number: N/A

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

1. Federal well(s) covered by Bond Number: N/A

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

1. Indian well(s) covered by Bond Number: RLB0005647

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: 9/29/2003  
The Division sent response by letter on: 10/2/2003

**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:**

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

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

FORM 9

**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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Water Injection Well</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Williams Production RMT Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe
3. ADDRESS OF OPERATOR: 1515 Arapahoe Street, Tower 3, Suite 1000 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached listing QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: See Attached
PHONE NUMBER: (303) 572-3900		9. API NUMBER: Attached
COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Brundage Canyon
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<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.  
Effective 8/28/03 Williams Production RMT Company will relinquish operatorship of the referenced wells (see attached list) to Berry Petroleum Company.

NAME (PLEASE PRINT) Joseph P. Barrett TITLE Director - Land  
SIGNATURE [Signature] DATE 8/28/03

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Well Name	Oil/Gas	API #	Lease	E&D	Location
Ute Tribal 12-14-54	OIL	43-013-32369		14-20-H62-4728	NWSW 2056' FSL, 586' FWL SEC. 14, T5S, R4W
Ute Tribal 12-15	OIL	43-013-32205	14-20-H62-4661	N/A	NWSW 1997' FSL, 481' FWL SEC. 15, T5S, R4W
Ute Tribal 14-15	OIL	43-013-30842	14-20-H62-4661	N/A	SESW 793' FSL, 1847' FWL SEC. 15, T5S, R4W
Ute Tribal 15-16	OIL	43-013-31648	14-20-H62-3413	N/A	SWSE 1030' FSL, 1990' FEL SEC. 16, T5S, R4W
Ute Tribal 16-16	OIL	43-013-30841	14-20-H62-3413	N/A	SESE 733' FSL, 786' FEL SEC. 16, T5S, R4W
Ute Tribal 11-17 (CB)	OIL	43-013-32145	14-20-H62-4919	14-20-H62-4659	NESW 1980' FSL, 1980' FWL SEC. 17, T5S, R4W
Ute Tribal 12-17 (CB)	OIL	43-013-32146	14-20-H62-4919	14-20-H62-4659	NWSW 2000' FSL, 660' FWL SEC. 17, T5S, R4W
Ute Tribal 13-17 (CB)	OIL	43-013-31546	14-20-H62-4919	14-20-H62-4659	SWSW 796' FSL, 645' FWL SEC. 17, T5S, R4W
Ute Tribal 13-17-54 TMM	GAS	43-013-32237	14-20-H62-4731	14-20-H62-4659	SWSW 854' FSL, 671' FWL SEC. 17, T5S, R4W
Ute Tribal 14-17 (CB)	OIL	43-013-32147	14-20-H62-4919	14-20-H62-4659	SESW 908' FSL, 1621' FWL SEC. 17, T5S, R4W
Ute Tribal 15-17	OIL	43-013-31649	14-20-H62-4731	14-20-H62-4659	SWSE 660' FSL, 2080' FEL SEC. 17, T5S, R4W
Ute Tribal 9-18 (CB)	OIL	43-013-32144	14-20-H62-4919	N/A	NESE 1807' FSL, 654' FEL SEC. 18, T5S, R4W
Ute Tribal 15-18 (CB)	OIL	43-013-32148	14-20-H62-4919	N/A	SWSE 748' FSL, 1836' FEL SEC. 18, T5S, R4W
Ute Tribal 16-18	INJ	43-013-31650	14-20-H62-4919	N/A	SESE 636' FSL, 586' FEL SEC. 18, T5S, R4W
Ute Tribal 1-19	OIL	43-013-30933	14-20-H62-4919	N/A	NENE 521' FNL, 558' FEL SEC. 19, T5S, R4W
Ute Tribal 2-19	INJ	43-013-32140	14-20-H62-4919	N/A	NWNE 381' FNL, 1846' FEL SEC. 19, T5S, R4W
Ute Tribal 3-19	OIL	43-013-31830	14-20-H62-3528	N/A	NENW 564' FNL, 2183' FWL SEC. 19, T5S, R4W
Ute Tribal 5-19	OIL	43-013-32204	14-20-H62-3528	N/A	SWNW 1940' FNL, 511' FWL SE. 19, T5S, R4W
Ute Tribal 7-19	OIL	43-013-31282	14-20-H62-4919	N/A	SWNE 1824' FNL, 2023' FEL SEC. 19, T5S, R4W
Ute Tribal 9-19	OIL	43-013-31831	14-20-H62-3528	N/A	NESE 1797' FSL, 533' FEL SEC. 19, T5S, R4W
Ute Tribal 11-19	OIL	43-013-31547	14-20-H62-3528	N/A	NESW 1764' FSL, 1796' FWL SEC. 19, T5S, R4W
Ute Tribal 13-19	OIL	43-013-31284	14-20-H62-3528	N/A	SWSW 612' FSL, 635' FWL SEC. 19, T5S, R4W
Ute Tribal 15-19	OIL	43-013-31832	14-20-H62-3528	N/A	SWSE 477' FNL, 1868' FEL SEC. 19, T5S, R4W
Ute Tribal 1-20	OIL	43-013-30966	14-20-H62-3529	N/A	NENE 678' FNL, 736' FEL SEC. 20, T5S, R4W
Ute Tribal 5-20	OIL	43-013-31651	14-20-H62-4919	N/A	SWNW 1856' FNL, 683' FWL SEC. 20, T5S, R4W
Ute Tribal 11-20	OIL	43-013-32168	14-20-H62-3529	N/A	NESW 2146' FSL, 1630' FWL SEC. 20, T5S, R4W
Ute Tribal 13-20	OIL	43-013-32206	14-20-H62-3529	N/A	SWSW 689' FSL, 909' FWL SEC. 20, T5S, R4W
Ute Tribal 2-21	OIL	43-013-31280	14-20-H62-3414	N/A	NWNE 759' FNL, 1978' FEL SEC. 21, T5S, R4W
Ute Tribal 2-21G	GAS	43-013-31313	14-20-H62-3414	N/A	NWNE 760' FNL, 1982' FEL SEC. 21, T5S, R4W
Ute Tribal 6-21	OIL	43-013-32164	14-20-H62-3414	N/A	SENE 1791' FNL, 1609' FWL SEC. 21, T5S, R4W
Ute Tribal 8-21	OIL	43-013-30829	14-20-H62-3414	N/A	SENE 2090' FNL, 722' FEL SEC. 21, T5S, R4W
Ute Tribal 10-21	OIL	43-013-31283	14-20-H62-3414	N/A	NWSE 1506' FSL, 2247' FEL SEC. 21, T5S, R4W
Ute Tribal 4-22	OIL	43-013-30755	14-20-H62-3415	N/A	NWNW 749' FNL, 507' FWL SEC. 22, T5S, R4W
Ute Tribal 6-22	OIL	43-013-32163	14-20-H62-3415	N/A	SENE 1710' FNL, 1850' FWL SEC. 22, T5S, R4W
Ute Tribal 12-22	OIL	43-013-31311	14-20-H62-3415	N/A	NWSW 1977' FSL, 658' FWL SEC. 22, T5S, R4W
Ute Tribal 13-22	OIL	43-013-31548	14-20-H62-3415	N/A	SWSW 715' FSL, 838' FWL SEC. 22, T5S, R4W
Ute Tribal 23-3R	OIL	43-013-30886	14-20-H62-4943	14-20-H62-4728	NENW 603' FNL, 2386' FWL SEC. 23, T5S, R4W
Ute Tribal 9-26	OIL	43-013-32191	14-20-H62-4954	14-20-H62-4728	NESE 2118' FSL, 777' FEL SEC. 26, T5S, R4W
Ute Tribal 2-27	OIL	43-013-32179	14-20-H62-3375	N/A	NWNE 778' FNL, 2273' FEL SEC. 27, T5S, R4W
Ute Tribal 4-27	OIL	43-013-31131	14-20-H62-3375	N/A	NWNW 736' FNL, 693' FWL SEC. 27, T5S, R4W
Ute Tribal 1-28	OIL	43-013-31549	14-20-H62-4740	14-20-H62-4659	NENE 778' FNL, 592' FEL SEC. 28, T5S, R4W
Ute Tribal 3-28-54	OIL	43-013-32261	14-20-H62-4740	14-20-H62-4659	NENW 660' FNL, 1980' FWL SEC. 28, T5S, R4W
Ute Tribal 5-28	OIL	43-013-32189	14-20-H62-4740	14-20-H62-4659	SWNW 1960' FNL, 575' FWL SEC. 28, T5S, R4W
Ute Tribal 5-28-54 TMM	GAS	43-013-32236	14-20-H62-4740	14-20-H62-4659	SWNW 1992' FNL, 560' FWL SEC. 28, T5S, R4W
Ute Tribal 7-28	OIL	43-013-32166	14-20-H62-4740	14-20-H62-4659	SWNE 1711' FNL, 1949' FEL SEC. 28, T5S, R4W
Ute Tribal 11-28	OIL	43-013-32192	14-20-H62-4740	14-20-H62-4659	NESW 2322' FSL, 1920' FWL SEC. 28, T5S, R4W
Ute Tribal 1-29	OIL	43-013-30964	14-20-H62-3416	14-20-H62-4659	NENE 652' FNL, 760' FEL SEC. 29, T5S, R4W
Ute Tribal 3-29	OIL	43-013-32193	14-20-H62-3416	14-20-H62-4659	NENW 585' FNL, 1802' FWL SEC. 29, T5S, R4W
Ute Tribal 1-30	OIL	43-013-30948	14-20-H62-4662	14-20-H62-4659	NENE 627' FNL, 542' FEL SEC. 30, T5S, R4W
Ute Tribal 4-30	OIL	43-013-31550	14-20-H62-4662	14-20-H62-4659	NWNW 751' FNL, 740' FWL SEC. 30, T5S, R4W
Ute Tribal 7-30	OIL	43-013-32167	14-20-H62-4662	14-20-H62-4659	SWNE 1811' FNL, 1818' FEL SEC. 30 T5S, R4W
Ute Tribal 5-31	OIL	43-013-32190	14-20-H62-4946	14-20-H62-4659	SWNW 1410' FNL, 585' FWL SEC. 31, T5S, R4W
Ute Tribal 1-32R	OIL	43-013-30872	14-20-H62-4947	14-20-H62-4659	NENE 628' FNL, 635' FEL SEC. 32, T5S, R4W

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DIV. OF OIL, GAS & MINING

Well Name	Oil/Gas	API #	Lease	E&D	Location
Ute Tribal 1-33	OIL	43-013-32185	14-20-H62-4948	14-20-H62-4659	NENE 720' FNL, 796' FEL SEC. 33, T5S, R4W
Ute Tribal 1-34	OIL	43-013-32186	14-20-H62-4955	14-20-H62-4659	NENE 1150' FNL, 644' FEL SEC. 34, T5S, R4W
Ute Tribal 5-13	OIL	43-013-31152	14-20-H62-4845	14-20-H62-4659	SWNW 1667' FNL, 905' FWL SEC. 13, T5S, R5W
Ute Tribal 16-14-55	OIL	43-013-32272	14-20-H62-5016	14-20-H62-4728	SESE 379' FSL, 871' FEL SEC. 14, T5S, R5W
Ute Tribal 5-15-55	OIL	43-013-32344	14-20-H62-5017	14-20-H62-4728	SWNW 2050' FNL, 762' FWL SEC. 15, T5S, R5W
Ute Tribal 10-16-55	OIL	43-013-32345		14-20-H62-4728	NWSE 1802' FSL, 1970' FEL SEC. 16, T5S, R5W
Ute Tribal 15-17-55	OIL	43-013-32358		14-20-H62-4728	SWSE 179' FSL, 1733' FEL SEC. 17, T5S, R5W
Ute Tribal 7-20-55	OIL	43-013-32346	14-20-H62-5018	14-20-H62-4728	SWNE 2438' FNL, 2440' FEL SEC. 20, T5S, R5W
Ute Tribal 9-23WSW	WTR	WR#43-11041	14-20-H62-3443	N/A	NESE 1855' FSL, 715' FEL SEC. 23, T5S, R5W
Ute Tribal 9-23X	OIL	43-013-30999	14-20-H62-3443	N/A	NESE 1830' FSL, 665' FEL SEC. 23, T5S, R5W
Ute Tribal 11-23-55	OIL	43-013-32269	14-20-H62-3443	N/A	NESW 1875' FSL, 2187' FWL SEC. 23, T5S, R5W
Ute Tribal 15-23	OIL	43-013-31671	14-20-H62-3443	N/A	SWSE 612' FSL, 1973' FEL SEC. 23, T5S, R5W
Ute Tribal 1-24-55	OIL	43-013-32259	14-20-H62-4749	N/A	NENE 583' FNL, 852' FEL SEC. 24, T5S, R5W
Ute Tribal 3-24WSW	WTR	WR#43-10994	14-20-H62-4749	N/A	SENE 1430' FNL, 1425' FWL SEC. 24, T5S, R5W
Ute Tribal 5-24-55	OIL	43-013-32263	14-20-H62-4749	N/A	SWNW 1911' FNL, 780' FWL SEC. 24, T5S, R5W
Ute Tribal 9-24-55	OIL	43-013-32268	14-20-H62-4749	N/A	NWSE 2392' FSL, 486' FWL SEC. 24, T5S, R5W
Ute Tribal 11-24	OIL	43-013-31909	14-20-H62-4749	N/A	NESW 2005' FSL, 2557' FWL SEC. 24, T5S, R5W
Ute Tribal 13-24	OIL	43-013-31910	14-20-H62-4749	N/A	SWSW 520' FSL, 1051' FWL SEC. 24, T5S, R5W
Ute Tribal 15-24R	OIL	43-013-31129	14-20-H62-4749	N/A	SWSE 1048' FSL, 1364' FEL SEC. 24, T5S, R5W
Ute Tribal 1-25	OIL	43-013-30945	14-20-H62-3537	N/A	NENE 661' FNL, 520' FEL SEC. 25, T5S, R5W
Ute Tribal 2-25	OIL	43-013-31833	14-20-H62-3537	N/A	NWNE 760' FNL, 2000' FEL SEC. 25, T5S, R5W
Ute Tribal 3-25	OIL	43-013-31834	14-20-H62-3537	N/A	NENW 464' FNL, 2174' FWL SEC. 25, T5S, R5W
Ute Tribal 6-25H	OIL	43-013-32143	14-20-H62-3537	N/A	SENE 2127' FNL, 2218' FWL SEC. 25, T5S, R5W
Ute Tribal 7-25	OIL	43-013-31310	14-20-H62-3537	N/A	SWNE 1973' FNL, 2106' FEL SEC. 25, T5S, R5W
Ute Tribal 9-25-55	OIL	43-013-32390	14-20-H62-3537	N/A	NESE 2083' FSL, 751' FEL SEC. 25, T5S, R5W
Ute Tribal 11-25	OIL	43-013-31911	14-20-H62-3537	N/A	NESW 1871' FSL, 1982' FWL SEC. 25, T5S, R5W
Ute Tribal 13-25	OIL	43-013-32169	14-20-H62-3537	N/A	SWSW 700' FSL, 501' FWL SEC. 25, T5S, R5W
Ute Tribal 15-25-55	OIL	43-013-32271	14-20-H62-3537	N/A	SWSE 693' FSL, 2012' FEL SEC. 25, T5S, R5W
Ute Tribal 1-26	OIL	43-013-31912	14-20-H62-3444	N/A	NENE 500' FNL, 468' FEL SEC. 26, T5S, R5W
Ute Tribal 3-26	OIL	43-013-30955	14-20-H62-3444	N/A	NENW 612' FNL, 2121' FEL SEC. 26, T5S, R5W
Ute Tribal 5-26-55	OIL	43-013-32264	14-20-H62-3444	N/A	SWNW 1810' FNL, 465' FWL SEC. 26, T5S, R5W
Ute Tribal 14-28-55	OIL	43-013-32348	14-20-H62-5019	14-20-H62-4728	SESW 1107' FSL, 1548' FWL SEC. 28, T5S, R5W
Ute Tribal 16-29-55	OIL	43-013-32349	14-20-H62-5020	14-20-H62-4728	SESE 1250' FSL, 1027' FEL SEC. 29, T5S, R5W
Ute Tribal 2-32-55	OIL	43-013-32350		14-20-H62-4728	NWNE 800' FNL, 2000' FEL SEC. 32, T5S, R5W
Ute Tribal 4-33-55	OIL	43-013-32357		14-20-H62-4728	NWNW 87' FNL, 168' FWL SEC. 33, T5S, R5W
Ute Tribal 2-35	OIL	43-013-32187	14-20-H62-4945	14-20-H62-4659	NWNE 951' FNL, 1566' FEL SEC. 35, T5S, R5W
Ute Tribal 8-35-55	OIL	43-013-32267	14-20-H62-4945	14-20-H62-4659	SENE 2464' FNL, 552' FEL SEC. 35, T5S, R5W
Ute Tribal 10-35-55	OIL	43-013-32353	14-20-H62-4945	14-20-H62-4659	NWSE 1611' FSL, 1938' FEL SEC. 35, T5S, R5W
Ute Tribal 4-36	OIL	43-013-32188	14-20-H62-4944	14-20-H62-4659	NWNW 860' FNL, 660' FWL SEC. 36, T5S, R5W
Ute Tribal 6-36-55	OIL	43-013-32265	14-20-H62-4944	14-20-H62-4659	SENE 2480' FNL, 1702' FWL SEC. 36, T5S, R5W
Ute Tribal 12-36-55	OIL	43-013-32354	14-20-H62-4944	14-20-H62-4659	NWSW 1980' FSL, 659' FWL SEC. 36, T5S, R5W

Ute Tribal 3-24R-55

43-013-30960

Permits	Status	API #	Lease	E&D	Location
MOON TRIBAL 12-23-54	W/O RELEASE	43-013-32347	14-20-H62-4943		NWSW 1899' FSL, 771' FWL SEC. 23, T5S, R4W
MOON TRIBAL 14-27-54	HAVE STATE APRVL	43-013-32408	14-20-H62-3375		SESW 1073' FSL, 1928' FWL SEC. 27, T5S, R4W
MOON TRIBAL 6-27-54	HAVE STATE APRVL	43-013-32407	14-20-H62-3375		SENE 2041' FNL, 2101' FWL SEC. 27, T5S, R4W
STATE TRIBAL 1-7R-54	APPROVED	43-013-30925		14-20-H62-4728	NENE 508' FNL, 792' FEL SEC. 7, T5S, R4W
UTE TRIBAL 10-28-55	HAVE STATE APRVL	43-013-32419		14-20-H62-4728	NWSE 1783' FSL, 1879' FEL SEC. 28, T5S, R5W
UTE TRIBAL 11-20-55	HAVE STATE APRVL	43-013-32415		14-20-H62-4728	NESW 1863' FSL, 1983' FWL SEC. 20, T5S, R5W
UTE TRIBAL 1-20-55	HAVE STATE APRVL	43-013-32414		14-20-H62-4728	NENE 923' FNL, 315' FEL SEC. 20, T5S, R5W
UTE TRIBAL 12-21-54	APPROVED	43-013-32385	14-20-H62-3414		NWSW 1510' FSL, 366' FWL SEC. 21, T5S, R4W
UTE TRIBAL 13-18-54	APPROVED	43-013-32270	14-20-H62-4739	14-20-H62-4659	SWSW 656' FSL, 657' FWL SEC. 18, T5S, R4W

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DIV. OF OIL, GAS & MINING

Well Name	Oil/Gas	API #	Lease	E&D	Location
UTE TRIBAL 13-28-54	W/O RELEASE	43-013-32387	14-20-H62-4740		SWSW 519' FSL, 1021' FWL SEC. 28, T5S, R4W
UTE TRIBAL 13-30-54	HAVE STATE APRVL	43-013-32409	14-20-H62-4662		SWSW 743' FSL, 482' FWL SEC. 30, T5S, R4W
UTE TRIBAL 14-21-54	W/O RELEASE	43-013-32384	14-20-H62-3414		SESW 894' FSL, 1567' FWL SEC. 21, T5S, R4W
UTE TRIBAL 14-36-55	W/O LOC	43-013-32355	14-20-H62-4945		SESW 839' FSL, 1802' FWL SEC. 36, T5S, R5W
UTE TRIBAL 15-20-54	W/O RELEASE	43-013-32386	14-20-H62-3529		SWSE 660' FSL, 1980' FEL SEC. 20, T5S, R4W
UTE TRIBAL 15-28-54	W/O RELEASE	43-013-32389	14-20-H62-4740		SWSE 660' FSL, 1980' FEL SEC. 28, T5S, R4W
UTE TRIBAL 15-30-54	W/O LOC	43-013-32382	14-20-H62-4662		SWSE 470' FSL, 1925' FEL SEC. 30, T5S, R4W
UTE TRIBAL 16-21-54	W/O RELEASE	43-013-32381	14-20-H62-3414		SESE 700' FSL, 690' FEL SEC. 21, T5S, R4W
UTE TRIBAL 16-35-55	W/O RELEASE	43-013-32352	14-20-H62-4945		SESE 657' FSL, 883' FEL SEC. 35, T5S, R5W
UTE TRIBAL 16-36-55	W/O RELEASE	43-013-32356	14-20-H62-4945		SESE 474' FSL, 576' FEL SEC. 36, T5S, R5W
UTE TRIBAL 2-36-55	HAVE STATE APRVL	43-013-32422	14-20-H62-4944		NWNE 375' FNL, 2225' FEL SEC. 36, T5S, R5W
UTE TRIBAL 3-20-54	W/O RELEASE	43-013-32377	14-20-H62-3529		NENW 320' FNL, 2090' FWL SEC. 20, T5S, R4W
UTE TRIBAL 3-32-54	HAVE STATE APRVL	43-013-32410	14-20-H62-4947		NENW 926' FNL, 1985' FWL SEC. 32, T5S, R4W
UTE TRIBAL 3-33-54	HAVE STATE APRVL	43-013-32412	14-20-H62-4948		NENW 749' FNL, 2113' FWL SEC. 33, T5S, R4W
UTE TRIBAL 4-21-54	W/O SPUD	43-013-32378	14-20-H62-3414		NWNW 928' FNL, 898' FWL SEC. 21, T5S, R4W
<del>UTE TRIBAL 5-18-54</del>	<del>APPROVED</del>	<del>43-013-32262</del>	<del>14-20-H62-4739</del>		<del>SENE 2029' FNL, 819' FWL SEC. 18, T5S, R4W</del>
UTE TRIBAL 5-30-54	W/O SPUD	43-013-32380			SWNW 2100' FNL, 1020' FWL SEC. 30, T5S, R4W
UTE TRIBAL 6-32-55	HAVE STATE APRVL	43-013-32420		14-20-H62-4728	SENE 1864' FNL, 1846' FWL SEC. 32, T5S, R5W
<del>UTE TRIBAL 7-18-54</del>	<del>APPROVED</del>	<del>43-013-32266</del>	14-20-H62-4739		SWNE 2123' FNL, 1968' FWL SEC. 18, T5S, R4W
UTE TRIBAL 7-32-54	HAVE STATE APRVL	43-013-32411	14-20-H62-4947		SWNE 2334' FNL, 1840' FEL SEC. 32, T5S, R4W
UTE TRIBAL 7-33-54	HAVE STATE APRVL	43-013-32413	14-20-H62-4948		SWNE 2129' FNL, 2295' FEL SEC. 33, T5S, R4W
<del>UTE TRIBAL 8-25-55</del>	<del>LOCATION BUILT</del>	<del>43-013-31835</del>	<del>14-20-H62-3587</del>		<del>SENE 1993' FNL, 583' FEL SEC. 25, T5S, R5W</del>
UTE TRIBAL 8-32-55	HAVE STATE APRVL	43-013-32421		14-20-H62-4728	SENE 2502' FNL, 890' FEL SEC. 32, T5S, R5W
UTE TRIBAL 8-36-55	HAVE STATE APRVL	43-013-32423	14-20-H62-4944		SENE 2358' FNL, 956' FEL SEC. 36, T5S, R5W
UTE TRIBAL 9-20-54	W/O SPUD	43-013-32379	14-20-H62-3529		NESE 2547' FSL, 855' FEL SEC. 20, T5S, R4W
UTE TRIBAL 9-28-54	W/O LOC	43-013-32388	14-20-H62-4740		NESE 1665' FSL, 502' FEL SEC. 28, T5S, R4W
UTE TRIBAL 9-30-54	EXCEPTION LOCATION	43-013-32383	14-20-H62-4662		NESE 1848' FSL, 367' FEL SEC. 30, T5S, R4W

**Permits with associated CA's**

UTE TRIBAL 1-27-55	HAVE STATE APRVL	43-013-32416	UTU - 76967		NENE 501' FNL, 825' FEL SEC. 27, T5S, R5W
UTE TRIBAL 15-27-55	W/O LOC	43-013-32339	UTU - 76967	14-20-H62-4728	SWSE 413' FSL, 1346' FEL SEC. 27, T5S, R5W
UTE TRIBAL 3-27-55	HAVE STATE APRVL	43-013-32417	UTU - 76967		NENW 378' FNL, 1307' FWL SEC. 27, T5S, R5W
UTE TRIBAL 7-27-55	HAVE STATE APRVL	43-013-32418	UTU - 76967		SWNE 1799' FNL, 1983' FEL SEC. 27, T5S, R5W

**Communitization Agreements**

by Canyon 1-21	OIL	43-013-31699	UTU 76965	14-20-H62-4728	NENE 613' FNL, 572' FEL SEC. 21, T5S, R5W
by Canyon 8-22	OIL	43-013-31700	UTU 76966	14-20-H62-4728	SENE 1890' FNL, 840' FEL SEC. 22, T5S, R5W
Sowers Canyon 9-27	OIL	43-013-31701	UTU - 76967	14-20-H62-4728	NESE 2160' FSL, 850' FEL SEC. 27, T5S, R5W
Foy Tribal 11-34-55	OIL	43-013-32351	UTU - 76968	14-20-H62-4728	NESW 1979' FSL, 2101' FWL SEC. 34, T5S, R5W


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SEP 04 2003

DIV. OF OIL, GAS & MIN.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Ute Tribe

7. UNIT or CA AGREEMENT NAME:

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.

8. WELL NAME and NUMBER:

See Attached

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Brundage Canyon

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER Water Injection Well

2. NAME OF OPERATOR:

Berry Petroleum Company

3. ADDRESS OF OPERATOR:

5201 Truxtun Ave., Suite 300  
Bakersfield CITY STATE CA ZIP 93309-0640

PHONE NUMBER:

(661) 616-3900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached listing

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<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.

Effective 8/28/03 Berry Petroleum Company will assume operatorship of the referenced wells (see attached list) from Williams Production RMT Company.

NAME (PLEASE PRINT) Jerry V. Hoffman

TITLE Chairman, President, and CEO

SIGNATURE Jerry V. Hoffman

DATE 8/28/03

(This space for State use only)

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SEP 04 2003

DIV OF OIL, GAS & MINING

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/13/2005

API NO. ASSIGNED: 43-013-30925

WELL NAME: ST TRIBAL 1-7R-54

OPERATOR: BERRY PETROLEUM COMPANY ( N2480 )

CONTACT: DEBBIE WISENER

PHONE NUMBER: 435-722-1325

PROPOSED LOCATION:

NENE 07 050S 040W  
 SURFACE: 0508 FNL 0792 FEL  
 BOTTOM: 0508 FNL 0792 FEL  
 DUCHESNE  
 UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-4778

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.06682

LONGITUDE: -110.3709

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. RLB0005651 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-11041 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

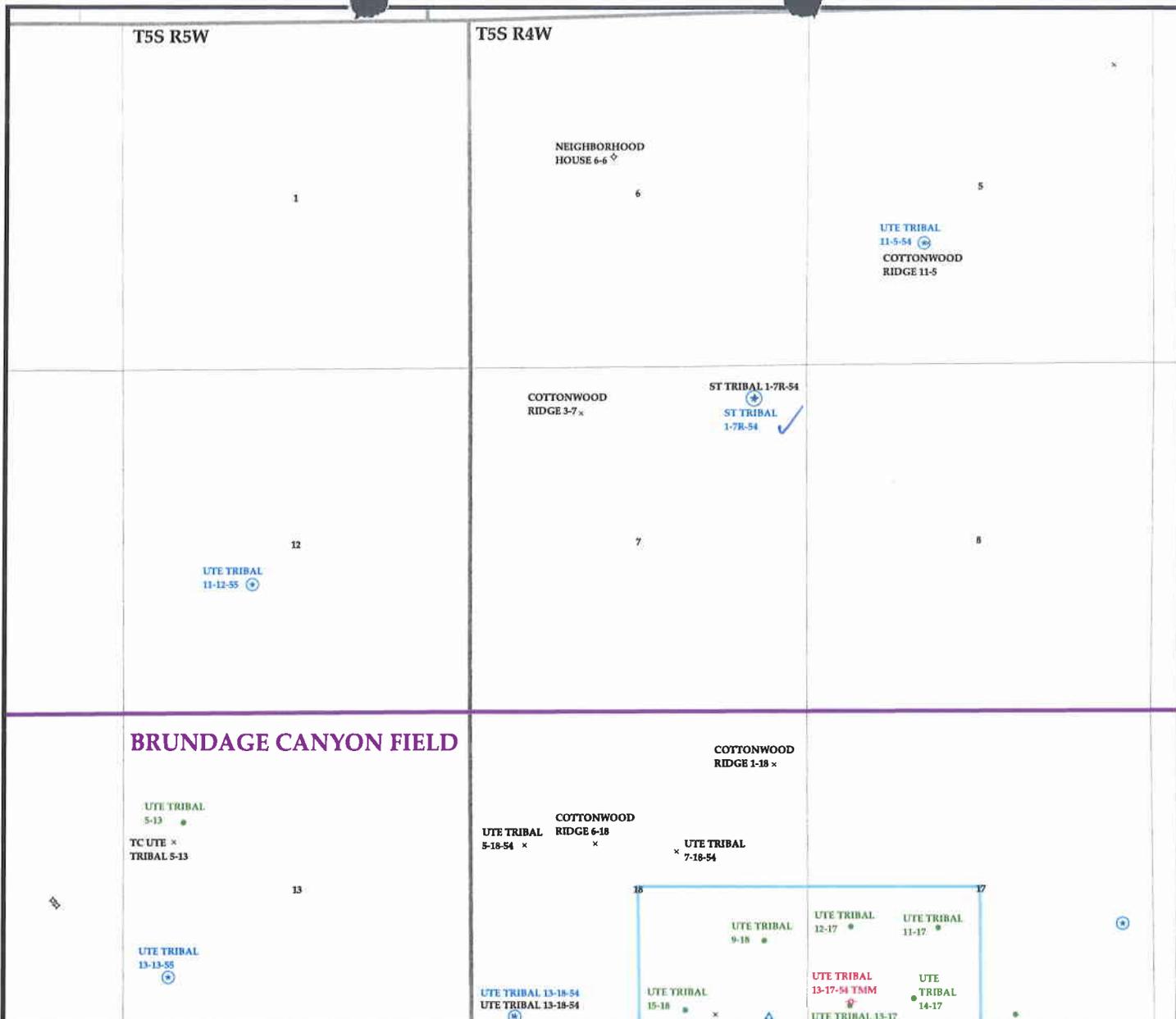
- R649-2-3.
- Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

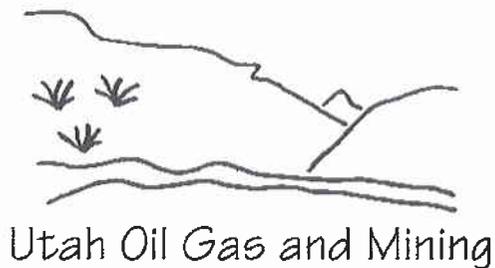
Needs Precise (03-09-05)

STIPULATIONS:

1- Federal Approval  
2- STATEMENT OF BASIS



**OPERATOR: BERRY PETRO CO (N2480)**  
**SEC. 7 T.5S R.4W**  
**FIELD: UNDESIGNATED (002)**  
**COUNTY: DUCHESNE**  
**SPACING: R649-3-2 / GENERAL SITING**



Wells	Units.shp	Fields.shp
♣ GAS INJECTION	EXPLORATORY	ABANDONED
✧ GAS STORAGE	GAS STORAGE	ACTIVE
× LOCATION ABANDONED	NF PP OIL	COMBINED
⊕ NEW LOCATION	NF SECONDARY	INACTIVE
⊖ PLUGGED & ABANDONED	PENDING	PROPOSED
✳ PRODUCING GAS	PI OIL	STORAGE
● PRODUCING OIL	PP GAS	TERMINATED
⊖ SHUT-IN GAS	PP GEOTHERML	
⊖ SHUT-IN OIL	PP OIL	
× TEMP. ABANDONED	SECONDARY	
○ TEST WELL	TERMINATED	
△ WATER INJECTION		
♣ WATER SUPPLY		
♣ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY  
 DATE: 18-JANUARY-2005

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

**OPERATOR:** Berry Petroleum Company  
**WELL NAME & NUMBER:** State Tribal #1-7R-54  
**API NUMBER:** 43-013-30925  
**LOCATION:** 1/4,1/4 NE/NE Sec: 7 TWP: 05S RNG: 04W 508 FNL 792 FEL

**Geology/Ground Water:**

The proposed well is located on mineral leases owned by the Ute Indian tribe. Evaluation and approval of the drilling and casing program will be done by the BLM.

**Reviewer:** Brad Hill                      **Date:** 03/15/2005

**Surface:**

The Roosevelt Field Office did schedule and perform a presite meeting of the surface area to discuss issues and take input from interested parties concerning the drilling of this well. The Utah Division of Wildlife Resources does own the surface but the minerals are tribal. Floyd Bartlett with UDWR did attend and address wildlife related issues. Bartlett claims that UDWR properties were purchased with assistance from federal agencies and therefore they have to go through the NEPA process for disturbance on these wells. Bartlett explains they do not have a landowner agreement yet, but hope to work through their permitting process ASAP. Cottonwood Ridge is listed as critical winter range for deer and elk, and was purchased for that reason. A seed mixture was provided to the division and Berry Petroleum for reclamation of surface areas as they are reclaimed. Bartlett asked that the shoulder of the roadways be seeded as they are constructed; likewise the reserve pit when it is reclaimed.

The access road and location was previously disturbed but has been reshaped with ground cover present. No new surface disturbance is required. Berry plans to re-open this well and utilize the same wellbore. There wasn't any surface water found in the area; however, a narrow, steep wash runs east and south from location down to the Sowers Canyon county Road. The reserve pit is in cut and above this wash, so adequate pad and lining is important to prevent any stability problems with the pit. Ed Courtright says they will utilize a felt pad and 20 mil liner plus store reserve pit spoils down hill from the reserve pit to assure the berm is stable. There weren't any other issues covered regarding the surface use of this property.

**Reviewer:** Dennis L. Ingram                      **Date:** March 14, 2005

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: Berry Petroleum Company  
WELL NAME & NUMBER: State Tribal 1-7R-54  
API NUMBER: 43-013-30925  
LEASE: Fee/Tribal FIELD/UNIT: Brundage Canyon Field  
LOCATION: 1/4,1/4 NE/NE Sec: 7 TWP: 05S RNG: 04W 508 FNL 792 FEL  
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.  
GPS COORD (UTM): X =0553651 E; Y =4435151 N SURFACE OWNER: Utah Division of Wildlife Resources

**PARTICIPANTS**

Dennis L. Ingram (DOGM) Ed Courtright (Berry Petroleum) Floyd Bartlett (Utah Division of Wildlife Resources)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Wellsite is proposed approximately 22.5 miles +/- south of Myton, Utah along Sowers Canyon Road to the Cottonwood Ridge dugway, then north 0.7 miles to the summit of Cottonwood Ridge, then 0.6 miles east along the ridge and just off the summit on the eastern slope overlooking Sower's Canyon. This broad ridge runs east/northeast and drops elevation into the Uinta Basin towards the Duchesne River. Canyons are found southeast of the location that run off Cottonwood Ridge and drain into Sower's Canyon. Cottonwood Canyon is found to the north of location. The area consists of broad mesa and rolling hill type habitat.

**SURFACE USE PLAN**

CURRENT SURFACE USE: winter range for elk and mule deer, recreational

PROPOSED SURFACE DISTURBANCE: Proposed 0.4 +/- miles of access road and location 300'x 140' plus reserve pit and soil stockpile storage outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: No wells shown within radius

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Production equipment shall remain on location unless otherwise authorized by the division, gas pipelines run along access road to existing tie in points.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill using borrowed material

ANCILLARY FACILITIES: None requested

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): NO

WASTE MANAGEMENT PLAN:

Submitted to the Division with Application to Drill

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry drainage along eastern boundary of location and runs into Sowers Canyon

FLORA/FAUNA: Pinion/Juniper habitat, rabbit brush, crusted wheat grass, stipa, shadscale; classified as critical elk and deer winter range, mountain lion, bobcat, rabbit, coyote and smaller birds and mammals.

SOIL TYPE AND CHARACTERISTICS: Reddish, brown fine grained sandy loam with some clays

SURFACE FORMATION & CHARACTERISTICS: Uintah Formation

EROSION/SEDIMENTATION/STABILITY: minor erosion (previously disturbed), some sedimentation, potential stability problems with reserve pit in fill.

PALEONTOLOGICAL POTENTIAL: None observed during onsite

RESERVE PIT

CHARACTERISTICS: Proposed in cut on east side of location, measuring 70'x 150'x 10' deep and downwind of wellhead and prevailing winds

LINER REQUIREMENTS (Site Ranking Form attached): 25 points

SURFACE RESTORATION/RECLAMATION PLAN

According to landowner Agreement and seed mixture provided by UDWR

SURFACE AGREEMENT: No

CULTURAL RESOURCES/ARCHAEOLOGY: Done by James A. Truesdale and submitted to DOGM and SITLA according to requirements

OTHER OBSERVATIONS/COMMENTS

Re-entry of old wellbore, P&A post with information, location and access road were both reshaped and seeded, recovery of the surface area was a success, no surface water in area, steep draw found downhill and east of location which provides a downhill shot at Sowers Canyon Road, surface slopes to east.

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

March 9, 2005 09:30 AM  
DATE/TIME

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

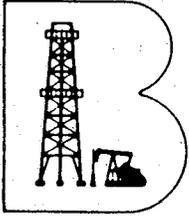
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest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

**Final Score**      25      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.



# Berry Petroleum Company

**Brundage Canyon Field**

1614 South 2000 West  
Rt. 3 Box 3020  
Roosevelt, UT 84066

Ph. (435) 722-1325  
Fax: (435) 722-1321

[www.bry.com](http://www.bry.com)

January 12, 2005

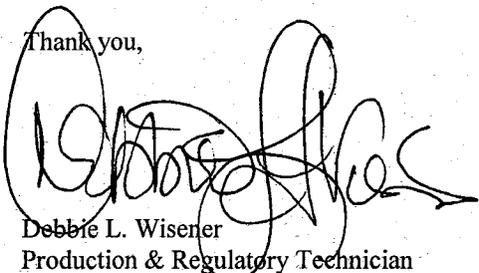
State Of Utah  
Division of Oil, Gas & Mining  
1594 W. North Temple,  
Suite 1210 Box 145801  
Salt Lake City, Utah 84114-5801

Re: Application for Permit to Drill

Attached please find one (1) original copy of an *Application for Permit to Drill* on the following locations:

**STATE TRIBAL 1-7R-54**  
**(State Surface Tribal Minerals)**

Thank you,



Debbie L. Wisener  
Production & Regulatory Technician

cc: Dennis Ingram – State Office - Roosevelt

**RECEIVED**

**JAN 13 2005**

DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: 14-20-H62-4778 (E&D)	6. SURFACE: <i>State</i> <del>INDIAN</del>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>UTE (MINERALS)</b>	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>BERRY PETROLEUM COMPANY</b>		9. WELL NAME and NUMBER: <b>STATE TRIBAL 1-7R-54</b>	
3. ADDRESS OF OPERATOR: <b>RT. 3 BOX 3020</b> CITY <b>ROOSEVELT</b> STATE <b>UTAH</b> ZIP <b>84066</b>		PHONE NUMBER: <b>(435)722-1325</b>	10. FIELD AND POOL, OR WILDCAT: <i>Unders? State</i> <del>BRUNDAGE CANYON</del>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>508' FNL, 792' FEL</b> <i>553647x 40,06682</i> <b>4435153y -110,37092</b> <b>NAD 27</b> AT PROPOSED PRODUCING ZONE: <b>SAME AS ABOVE</b> <b>40.06666667 LAT</b> <b>110.3711111 LONG</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>(NE/NE)</b> <b>SEC. 7, T.5S., R.4W.</b> <b>U.S.B.&amp;M.</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>24.6 MILES FROM MYTON, UTAH</b>		12. COUNTY: <b>DUCHESNE</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>508'</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>N/A</b>	19. PROPOSED DEPTH: <b>6215'</b>	20. BOND DESCRIPTION: <b>RLB0005651</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>6369' GR</b>	22. APPROXIMATE DATE WORK WILL START: <b>REFER TO BPC SOP PLAN</b>	23. ESTIMATED DURATION: <b>REFER TO BPC SOP PLAN</b>	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
<b>REFER TO BERRY PETROLEUM COMPANY SOP'S DRILLING PROGRAM/CASING DESIGN</b>			

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN (BPC SOP ON FILE WITH STATE)
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) **DEBBIE L WISENER** TITLE **PRODUCTION & REGULATORY TECHNICIAN**

SIGNATURE *[Signature]* DATE **01/12/05**

(This space for State use only)

API NUMBER ASSIGNED: 43-013-30925

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

Date: *03-15-05*  
By: *[Signature]*

(See Instructions on Reverse Side)

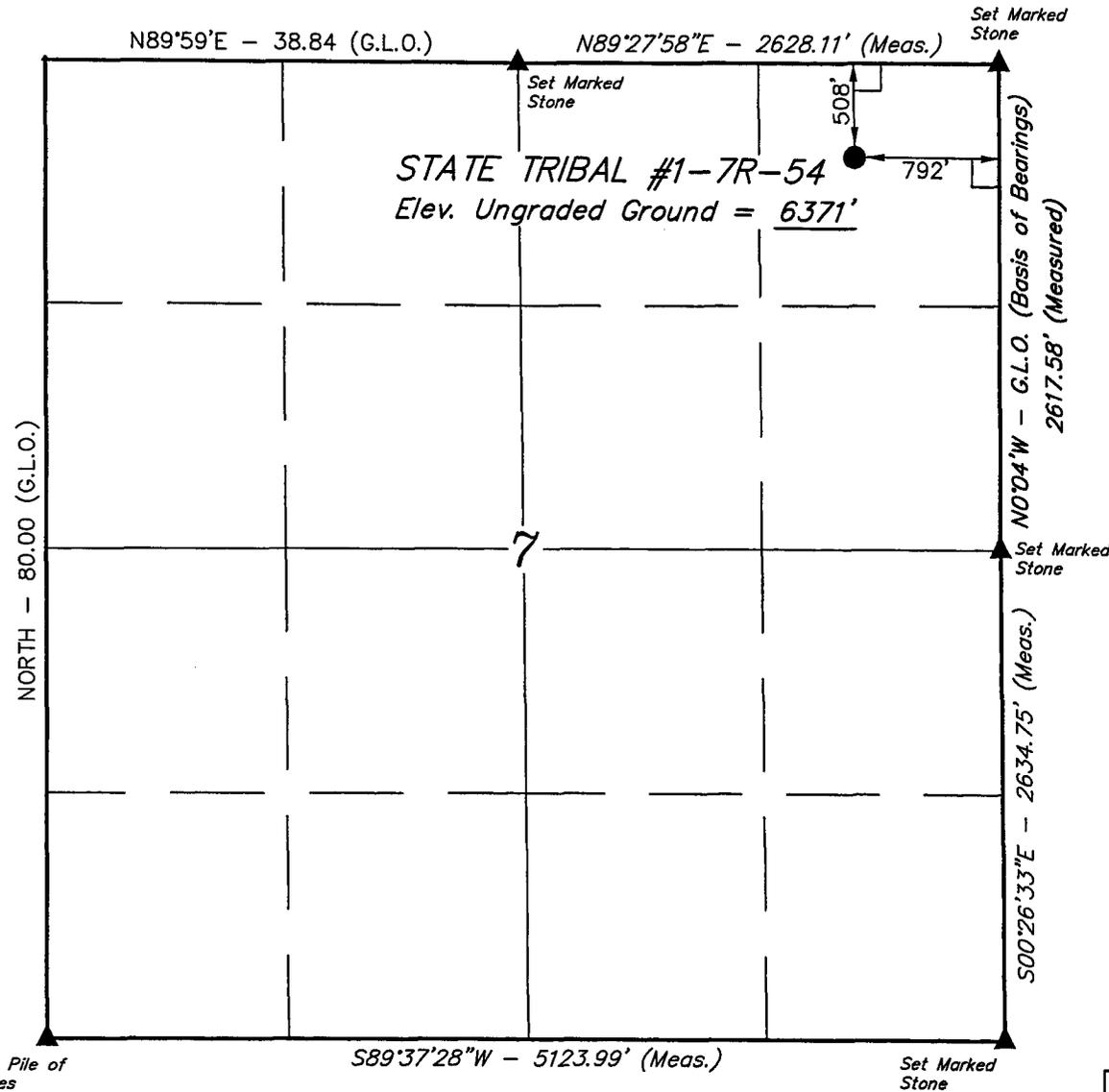
**RECEIVED**  
**JAN 13 2005**  
DIV. OF OIL, GAS & MINING

(11/2001)  
Federal Approval of this  
Action is Necessary

T5S, R4W, U.S.B.&M.

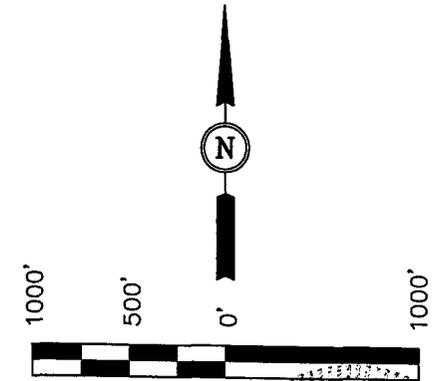
**BERRY PETROLEUM COMPANY**

Well location, STATE TRIBAL #1-7R-54, located as shown in the NE 1/4 NE 1/4 of Section 7, T5S, R4W, U.S.B.&M. Duchesne, County, Colorado.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE 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 6559 FEET.



REGISTERED LAND SURVEYOR  
 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 L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 7-29-04

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 4-16-01	DATE DRAWN: 4-19-01
PARTY B.B. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BERRY PETROLEUM COMPANY	

LEGEND:

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

LATITUDE = 40°04'00"  
 LONGITUDE = 110°22'16"

SMS, Pile of Stones

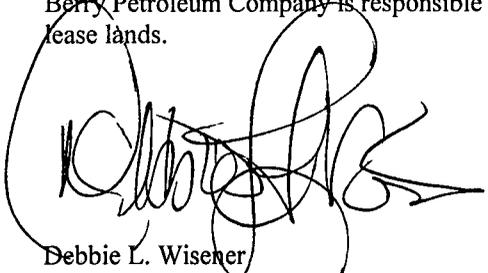
SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

State Tribal 1-7R-54  
NE 1/4, NE 1/4, 508' FNL, 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Lease BIA 14-20-H62-4778 (E&D)  
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Debbie L. Wisener  
Production & Regulatory Technician  
Berry Petroleum Company  
1614 South 2000 West  
Route 3, Box 3020  
Roosevelt, Utah 84066  
435-722-1325

BERRY PETROLEUM COMPANY  
Ute Tribal 1-7R-54  
Surface location NE ¼ NE ¼, 508' FNL 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

**1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth</u>
Uinta	surface
Green River	1285'
Mahogany	2796'
TGR3 Marker	3771'
*Douglas Creek	4555'
*Castle Peak	5479'
Uteland Butte Ls.	5890'
Wasatch	6114'
TD	6215'

\*PROSPECTIVE PAY

**3 Pressure Control Equipment**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**4 Proposed Casing and Cementing Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**5 Drilling Fluids Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**6 Evaluation Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

Berry Petroleum Company  
Drilling Program  
State Tribal 1-7R-54  
Duchesne County, Utah  
Page Two

**7 Abnormal Conditions**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**8 Anticipated Starting Dates and Notification of Operations**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**9 Other information**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: AUGUST 10, 2004).

BERRY PETROLEUM COMPANY  
Ute Tribal 1-7R-54  
Surface location NE ¼ NE ¼, 508' FNL 792' FEL, Section 7, T. 5 S., R. 4 W., U.S.B.&M.  
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

**1 Existing Roads**

To reach the Berry Petroleum Company well, State Tribal 1-7R-54 location, in Section 7-T5S-R4W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.6 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed 8.6 miles to the Nutters Canyon Road. Turn west and proceed south and west 5.5 miles to the Cottonwood Canyon Road. Turn north and proceed northeast on CR 25 and proceed 0.9 miles. At intersection turn east and proceed east 0.4 miles to the State Tribal 1-7R-54 access road. Turn south and proceed southeast 0.3 miles to the State Tribal 1-7R-54 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

**2 Planned Access Road**

See Topographic Map "B" for the location of the proposed access road.

**3 Location of Existing Wells**

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

**4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**5 Location and Type of Water Supply**

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W or from Kenneth V. & Barbara U. Richens source well located in Sec. 34, T3S, R2W, permit # 43-1723 or Brundage Canyon Field produced water or Leo Foy source well located in Sec. 34, T5S, R5W, permit # 43-11324. A water use agreement is also in place with the Ute Tribe.

**6 Source of Construction Materials**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**7 Methods of Handling Waste Materials**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**8 Ancillary Facilities**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**9 Wellsite Layout**

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

**10 Plans for Restoration of the Surface**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**11 Surface Ownership**

State of Utah Division of Wildlife Resources

**12 Other information**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: AUGUST 10, 2004).

**13 Operator's Representative and Certification**

A) Representative  
NAME: Debbie L. Wisener  
ADDRESS: Berry Petroleum Company  
1614 South 2000 West  
Route 3, Box 3020  
Roosevelt, Utah 84066  
PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

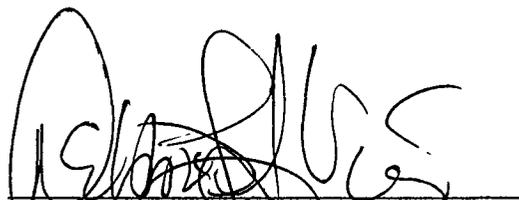
The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

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 presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum 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

Jan. 12, 05

  
Debbie L. Wisener  
Production & Regulatory Technician  
Berry Petroleum Company

Berry Petroleum Company  
State Tribal #1-7R-54 well:  
A Cultural Resource Inventory for a well pad,  
its access and pipeline,  
Uintah-Ouray Ute Reservation,  
Duchesne County, Utah

By  
James A. Truesdale

James A. Truesdale  
Principle Investigator

Prepared For  
Barrett Resources Corporation  
30 West 425 South (330-5)  
Roosevelt, Utah  
84066

Prepared By  
AN INDEPENDENT ARCHAEOLOGIST  
P.O.Box 153  
Laramie, Wyoming  
82073

Utah Project # U-01-AY-0058(i)

April 23, 2001

## Introduction

An Independent Archaeologist (AIA) was contacted by a representative of ~~Berry Petroleum Company~~ to conduct a cultural resources investigation of the proposed State Tribal well #1-7R-54 (508' FNL, 792' FEL), its access and pipeline. The location of the project area is in the NE/NE 1/4 of Section 7, T5S, R4W, Duchesne County, Utah (Figure 1). The proposed access and pipeline parallel each other and trend 700 feet (213.4 m) east-southeast, from an existing oil and gas field service road and along a old abandon well access, to the proposed well location. The proposed well pad is situated on the old Lomax Eng. Corp Cottonwood Ridge Ute #1-7 well pad. The land is administered by Uintah-Ouray Ute tribe, Fort Duchesne, Utah. A total of 13.2 acres was surveyed. Fieldwork was authorized through an access permit issued by the Energy and Minerals Resource Division of the Uintah-Ouray Ute tribe. The field work was conducted on April 9, 17-19, 2001 by AIA archaeologist James Truesdale accompanied by Lonnie Nephi (technician, Energy and Minerals Resource Division, Uintah-Ouray Ute tribe). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

## File Search

A file search was conducted at the Office by the Utah State Historical Society, Antiquities Section, Records Division on March 21, 2001. No cultural resources have been previously recorded in or adjacent to the project area.

## Environment

Physiographically, the project is located in the Uinta Basin, approximately 25 miles southwest of Myton, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The terrain is characterized as having steep ridges and/or buttes of Uintah Formation sandstones and clays dissected by seasonal drainages and washes with wide flat alluvial plains. Portions of the desert hardpan and bedrock in the Sowers and Brundage Canyon area are covered with aeolian sand which may reach a depth of over 1 to 2 meters in areas. The project area is west of Sowers Canyon which is the nearest permanent drainage. This drainage trends east 6 miles to Antelope Creek and then 10 miles north to the Duchesne River.

Vegetation in the project area is characteristic of a Pinon/Juniper community. Species observed in the project area include; Pinyon pine (Pinus Edulis), juniper (Juniperus Osteosperma), shadscale (Atriplex confertifolia), sand sage, (Artemesia filifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), Indian ricegrass (Oryzopsis hymenoides), desert needlegrass (Stipa speciosa), wild buckwheat, (Eriogonum ovalifolium), desert globemallow (Bromus tectorum),

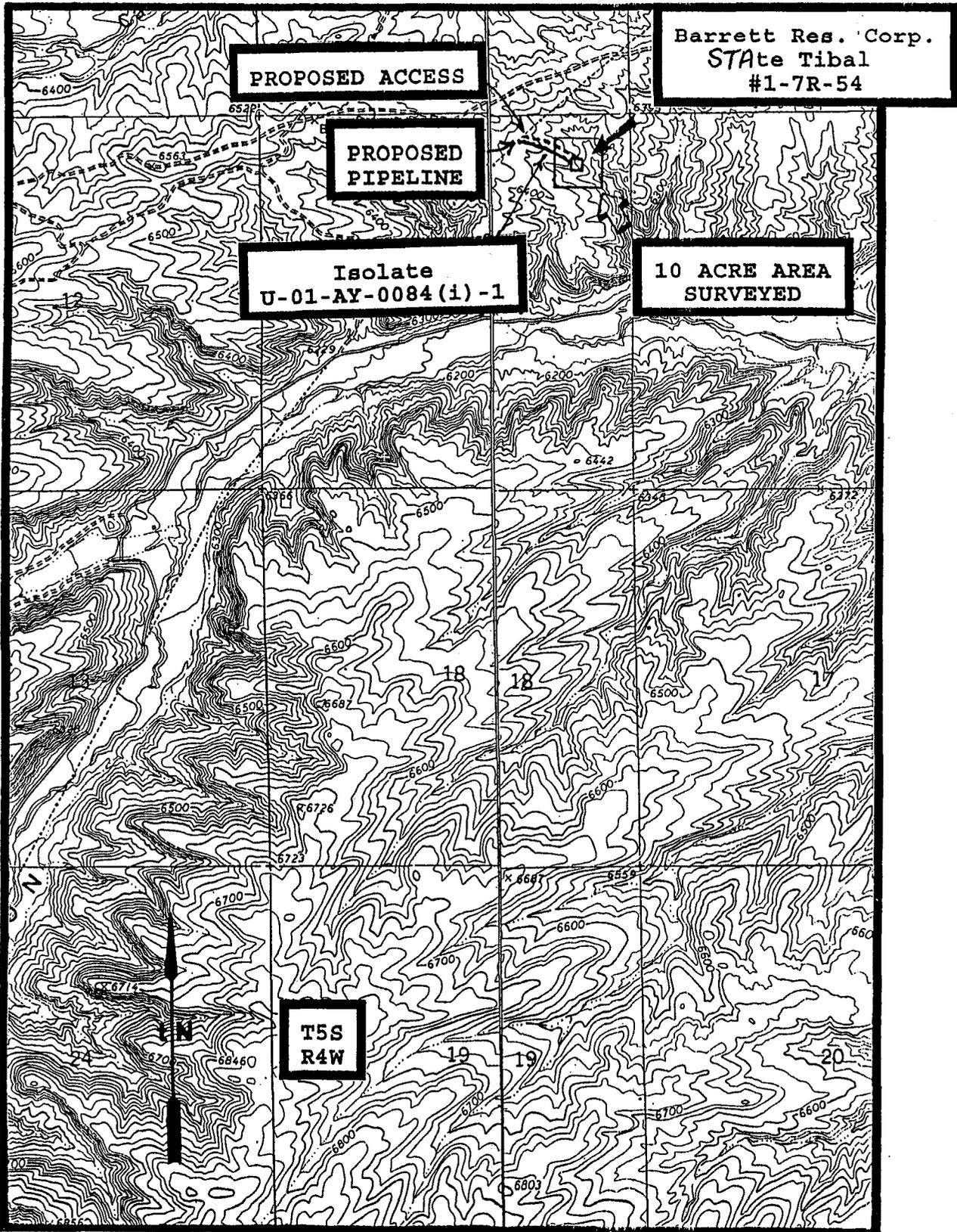


Figure 1. Location of the proposed Berry Petroleum Comp. State Tribal #1-7R-54, its access and pipeline on 7.5'/1964 quadrangle maps Duchesne SE and Duchesne SW, Duchesne County, Utah.

peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), and prickly pear cactus (Opuntia spp.).

The immediate proposed Berry Petroleum Comp. State Tribal #1-7R-54 well is situated on the northern talus slope of a narrow east-west trending ridge. In addition, the location is situated on the old abandon Lomax Eng. Corp. Cottonwood Ridge #1-7 well pad. From a existing two track road, the proposed access and pipeline parallel each other and follow along the abandon well access 700 feet (213.4 m) east-southeast, down a ridge slope, to the proposed well pad. Vegetation on the well location is consists of Pinyon/juniper with a understory of low sagebrush and bunchgrasses. Juniper and pinyon dominate the landscape surrounding the proposed location and along its proposed access and pipeline. Sediments surrounding the proposed well location consist of colluvial deposits. These deposits are shallow (<5 cm) and consist of silty sands and eroding angular pieces of Uintah Formation sandstone and shales. The proposed well location is located at an elevation of 6360 feet (1939 m) AMSL.

#### Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 and 20 meters apart. The proposed access and pipeline parallel each other. Each corridor is 700 feet (213.4 m) long and 100 feet (30.4 m) wide, 1.6 acres. A total of 3.2 linear acres was surveyed. Areas of subsurface exposure (ant hills, blowouts, eroding slopes and cutbanks) were examined with special care in order to help assess the potential for buried cultural deposits.

#### Results

A total of 13.2 acres were surveyed for cultural resources within and around the proposed Berry Petroleum Comp State Tribal #1-7R-54 well location, its access and pipeline. One isolate (U-01-AY-0058(i)-1) was recorded. No additional cultural materials were located during these archaeological investigations.

Isolate: U-01-AY-0058(i)-1

Location: C/SW/SW/NW/NE/NE 1/4 of Section 7, T5S R4W (Figure 1)

Setting: The isolate is situated on the flat crest of a east-west trending ridge. Vegetation is dominated by Pinyon pine, juniper and mountain mahogany, with a sparse understory of low sagebrush, bunch grasses, yucca and prickly pear cactus. Sediments are shallow (<10 cm) and consist of small pockets of aeolian sand overlying eroding bedrock. The landscape is dominated by eroding residual Uinta formation sandstone, clay and shales. The surface is littered with small long angular pieces of chert. The elevation is 7085 feet (2160 m) AMSL.

Description: The isolate consists of four pieces of chipped stone debitage. The debitage is represented by two secondary and two tertiary flakes made from a local light/dark brown (banded) chert.

No additional artifacts (flakes, retouched flakes, bifaces) and/or features (firepits, cairns) were recorded in association with the isolate. Eroding slopes and cut banks indicate that sediments are shallow and that the possibility for buried and intact cultural materials is low. The isolate is not considered to be significant.

#### Recommendations

A total of 13.2 acres were surveyed for cultural resources within and around the proposed *Berry Petroleum Corp.* State Tribal #1-7R-54 well location, its access and pipeline. One isolate (U-01-AY-0058(i)-1) was recorded. Construction of the proposed State Tribal #1-7R-54 well pad its access and pipeline will not impact the isolate. No additional cultural materials were recorded during the survey. Thus no further archaeological work is necessary and clearance for construction of the proposed *Berry Petroleum Corp* State Tribal #1-7R-54 well location, its access and pipeline is recommended.

#### References Cited

Thornbury, William D.

1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc. New York.

**BERRY PETROLEUM COMPANY**  
**STATE TRIBAL #1-7R-54**  
 LOCATED IN DUCHESNE COUNTY, UTAH  
 SECTION 7, T5S, R4W, U.S.B.&M.

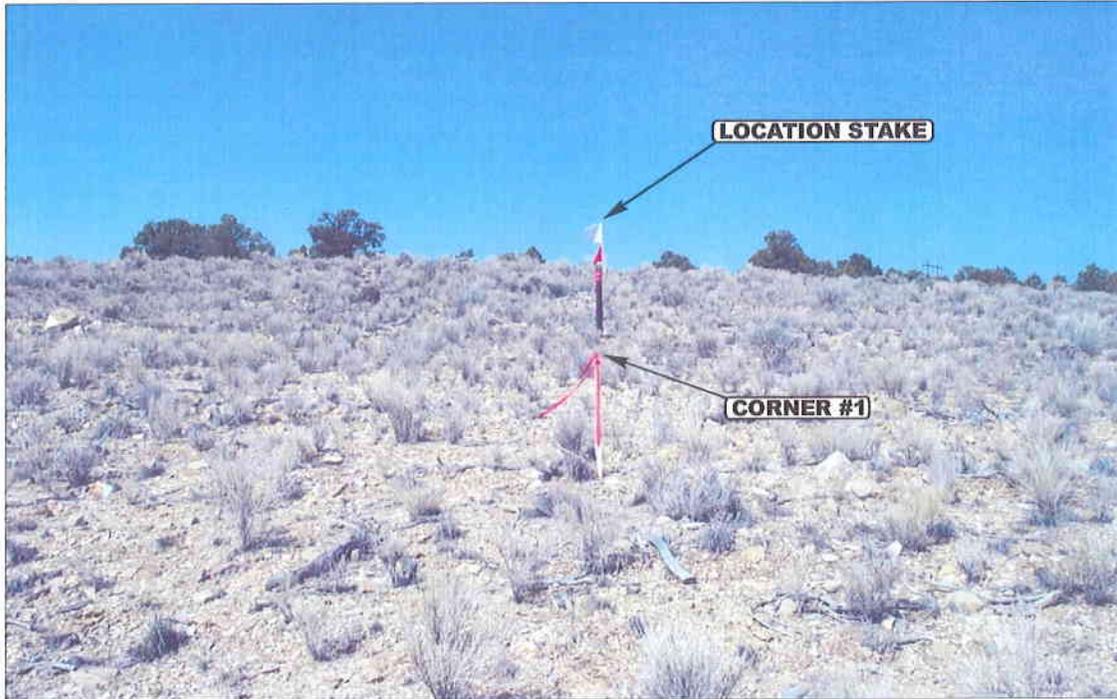


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

**4 18 01**  
 MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: J.L.G.

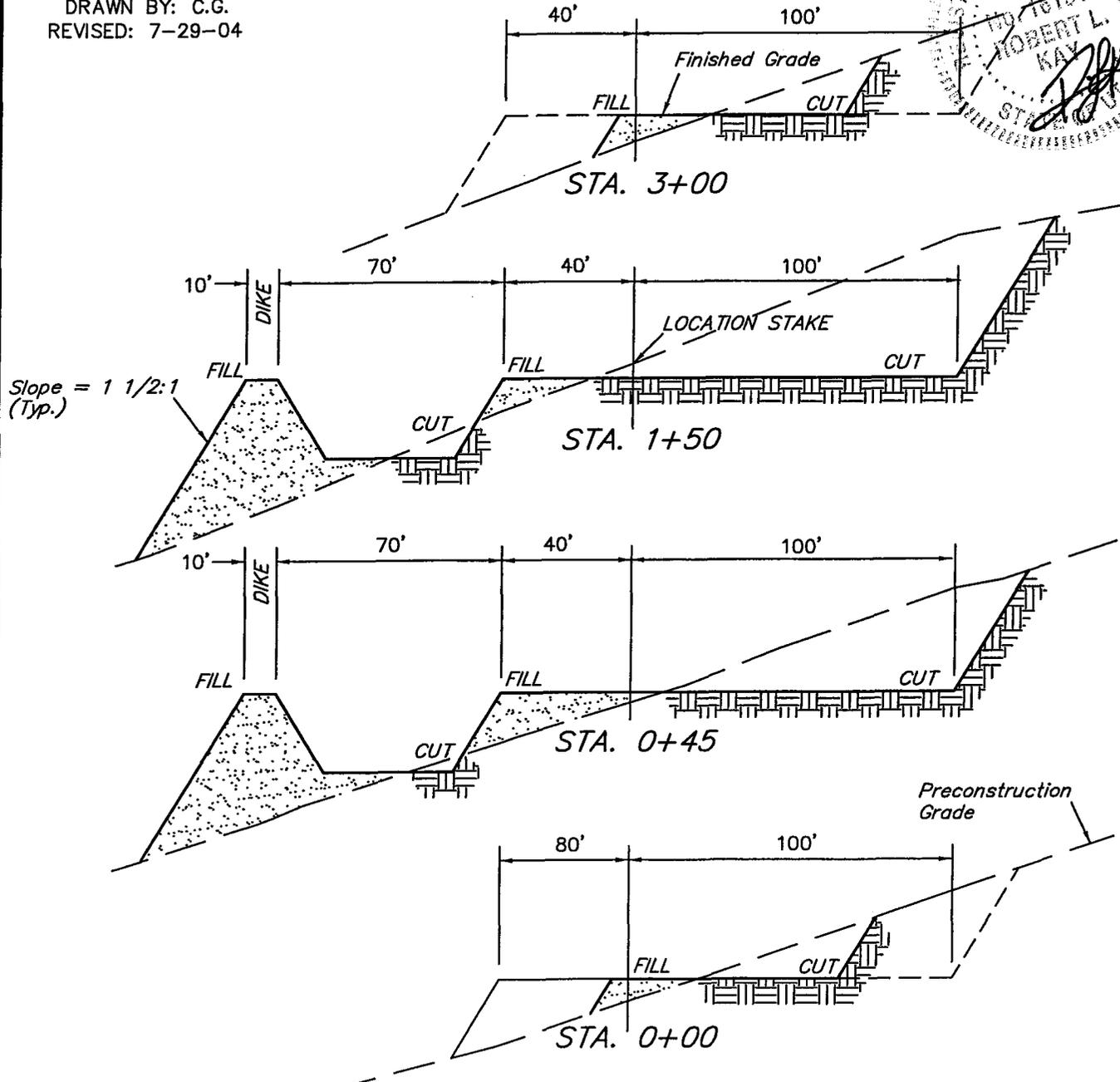
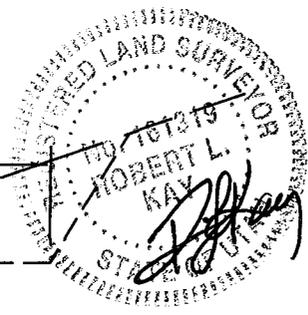
REVISED: 7-29-04



TYPICAL CROSS SECTIONS FOR  
 STATE TRIBAL #1-7R-54  
 SECTION 7, T5S, R4W, U.S.B.&M.  
 508' FNL 792' F&L

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

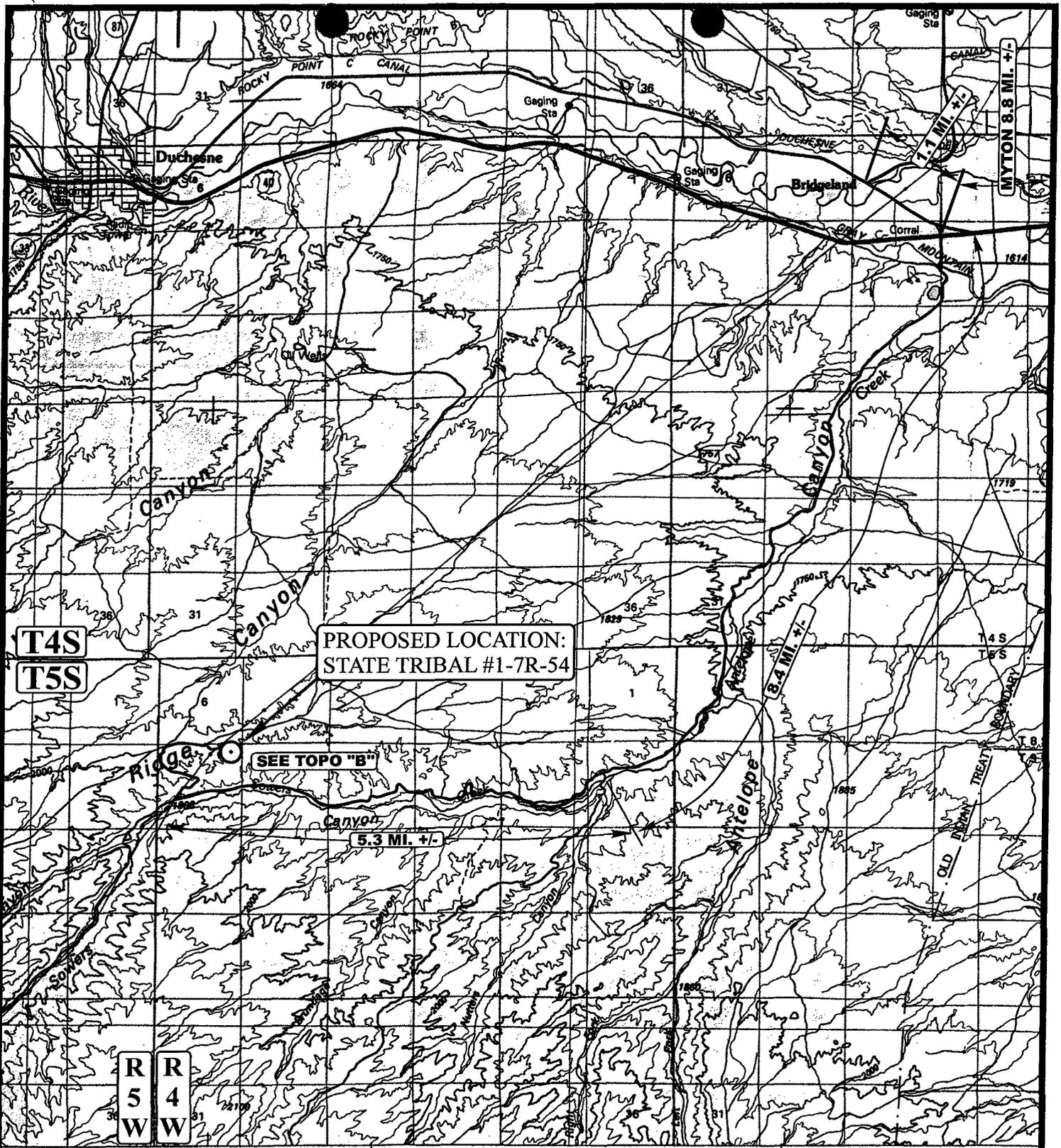
DATE: 4-19-01  
 DRAWN BY: C.G.  
 REVISED: 7-29-04



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 1,030 Cu. Yds.
Remaining Location	= 9,240 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,270 CU.YDS.</b>
<b>FILL</b>	<b>= 7,460 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,520 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,520 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



PROPOSED LOCATION:  
STATE TRIBAL #1-7R-54

SEE TOPO "B"

5.3 MI. +/-

8.4 MI. +/-

**LEGEND:**

⊙ PROPOSED LOCATION



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**BERRY PETROLEUM COMPANY**

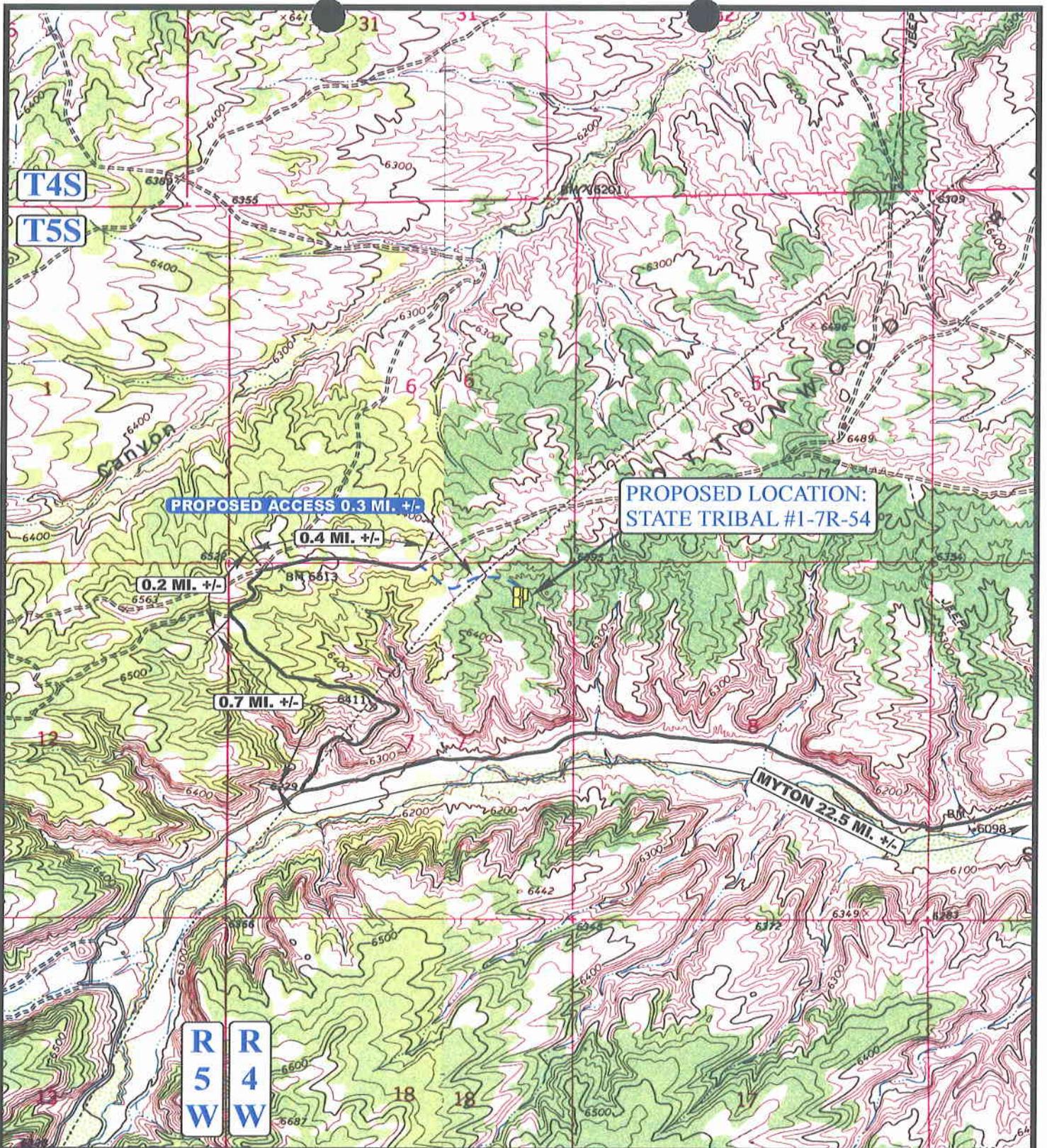
STATE TRIBAL #1-7R-54  
SECTION 7, T5S, R4W, U.S.B.&M.  
508' FNL 792' FEL

TOPOGRAPHIC  
MAP

4	18	01
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**BERRY PETROLEUM COMPANY**

STATE TRIBAL #1-7R-54  
 SECTION 7, T5S, R4W, U.S.B.&M.  
 508' FNL 792' FEL



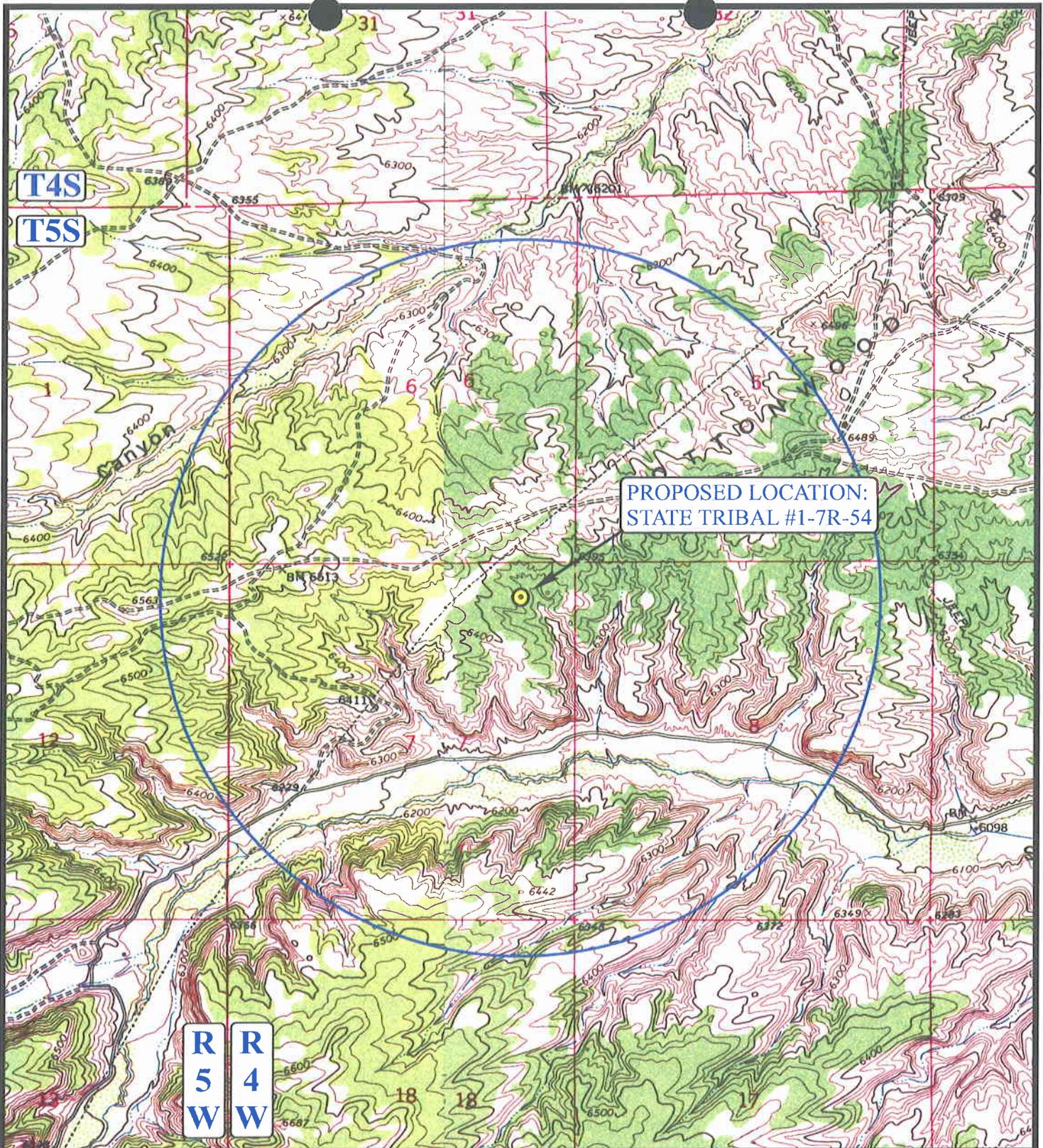
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

<b>4</b>	<b>18</b>	<b>01</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' | DRAWN BY: J.L.G. | REVISED: 7-29-04





**PROPOSED LOCATION:  
STATE TRIBAL #1-7R-54**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**BERRY PETROLEUM COMPANY**

**STATE TRIBAL #1-7R-54  
SECTION 7, T5S, R4W, U.S.B.&M.  
508' FNL 792' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**4 1801**  
MONTH DAY YEAR

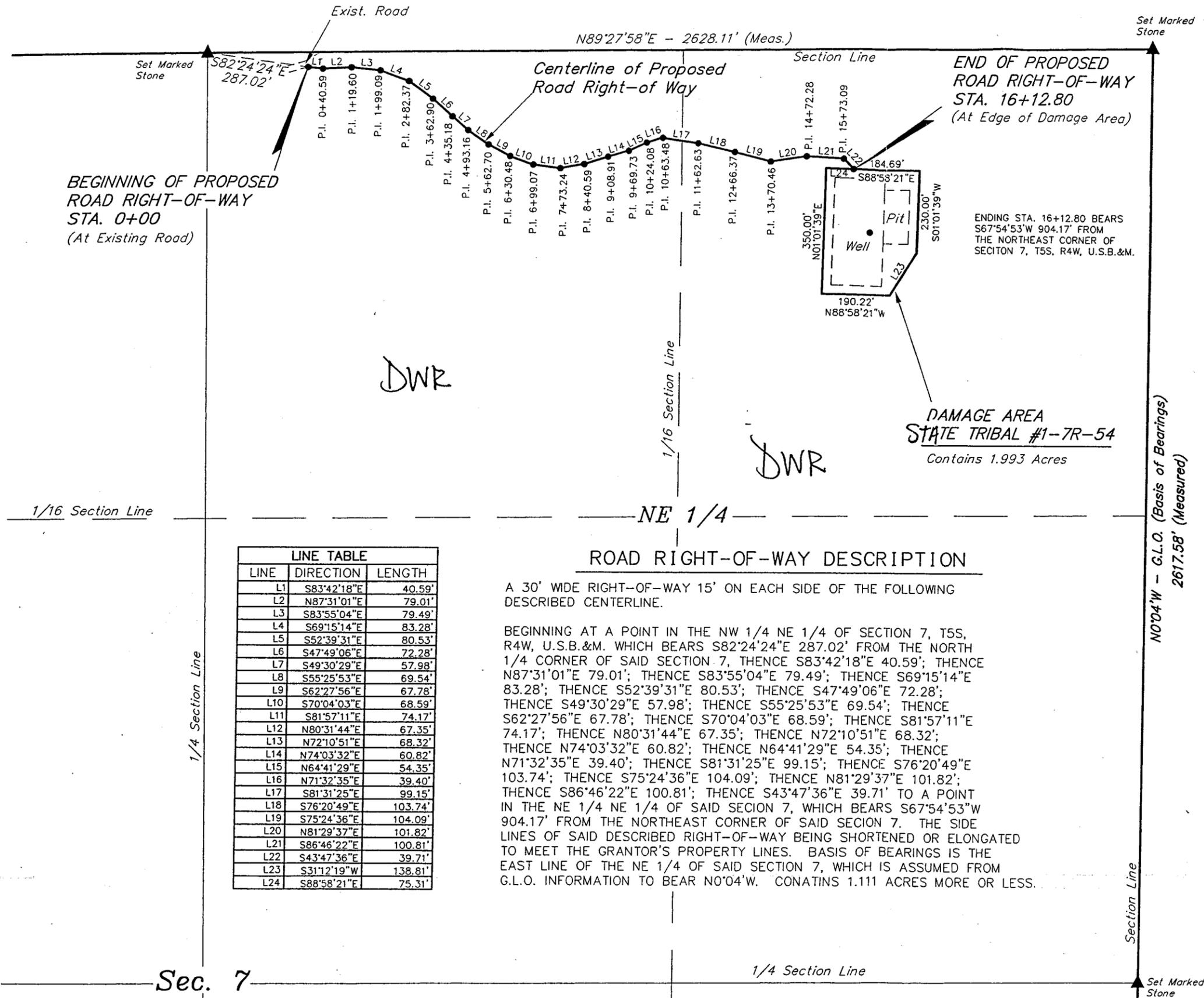


SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 7-29-04

**Berry Petroleum Company**

**LOCATION DAMAGE AREA & ROAD RIGHT-OF-WAY ON DWR LANDS**

(For State TRIBAL #1-7R-54)  
 LOCATED IN  
 SECTION 7, T5S, R4W, U.S.B.&M.  
 DUCHESNE COUNTY, UTAH

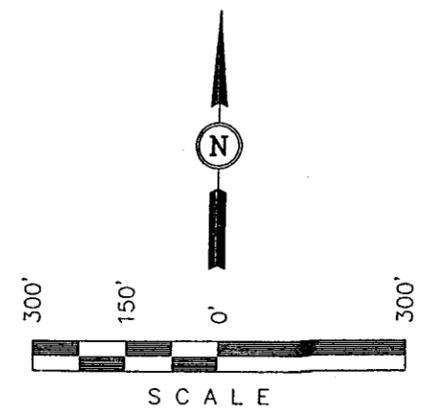


BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 16+12.80 (At Edge of Damage Area)

ENDING STA. 16+12.80 BEARS S67°54'53"W 904.17' FROM THE NORTHEAST CORNER OF SECTION 7, T5S, R4W, U.S.B.&M.

DAMAGE AREA STATE TRIBAL #1-7R-54  
 Contains 1.993 Acres



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S83°42'18"E	40.59'
L2	N87°31'01"E	79.01'
L3	S83°55'04"E	79.49'
L4	S69°15'14"E	83.28'
L5	S52°39'31"E	80.53'
L6	S47°49'06"E	72.28'
L7	S49°30'29"E	57.98'
L8	S55°25'53"E	69.54'
L9	S62°27'56"E	67.78'
L10	S70°04'03"E	68.59'
L11	S81°57'11"E	74.17'
L12	N80°31'44"E	67.35'
L13	N72°10'51"E	68.32'
L14	N74°03'32"E	60.82'
L15	N64°41'29"E	54.35'
L16	N71°32'35"E	39.40'
L17	S81°31'25"E	99.15'
L18	S76°20'49"E	103.74'
L19	S75°24'36"E	104.09'
L20	N81°29'37"E	101.82'
L21	S86°46'22"E	100.81'
L22	S43°47'36"E	39.71'
L23	S31°12'19"W	138.81'
L24	S88°58'21"E	75.31'

**ROAD RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 7, T5S, R4W, U.S.B.&M. WHICH BEARS S82°24'24"E 287.02' FROM THE NORTH 1/4 CORNER OF SAID SECTION 7, THENCE S83°42'18"E 40.59'; THENCE N87°31'01"E 79.01'; THENCE S83°55'04"E 79.49'; THENCE S69°15'14"E 83.28'; THENCE S52°39'31"E 80.53'; THENCE S47°49'06"E 72.28'; THENCE S49°30'29"E 57.98'; THENCE S55°25'53"E 69.54'; THENCE S62°27'56"E 67.78'; THENCE S70°04'03"E 68.59'; THENCE S81°57'11"E 74.17'; THENCE N80°31'44"E 67.35'; THENCE N72°10'51"E 68.32'; THENCE N74°03'32"E 60.82'; THENCE N64°41'29"E 54.35'; THENCE N71°32'35"E 39.40'; THENCE S81°31'25"E 99.15'; THENCE S76°20'49"E 103.74'; THENCE S75°24'36"E 104.09'; THENCE N81°29'37"E 101.82'; THENCE S86°46'22"E 100.81'; THENCE S43°47'36"E 39.71' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 7, WHICH BEARS S67°54'53"W 904.17' FROM THE NORTHEAST CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 7, WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.111 ACRES MORE OR LESS.

N0°04'W - G.L.O. (Basis of Bearings) 2617.58' (Measured)

**DAMAGE AREA DESCRIPTION**

BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 7, T5S, R4W, U.S.B.&M. WHICH BEARS S67°54'53"W 904.17' FROM THE NORTHEAST CORNER OF SAID SECTION 7, THENCE S88°58'21"E 184.69'; THENCE S01°01'39"W 230.00'; THENCE S31°12'19"W 138.81'; THENCE N88°58'21"W 190.22'; THENCE N01°01'39"E 350.00'; THENCE S88°58'21"E 75.31' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SAID SECTION 7, WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.993 ACRES MORE OR LESS.

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH - 200 EAST • (435) 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 300'	DATE 4-19-01
PARTY B.B. J.W. C.G.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE 4 2 1 7 6

▲ = SECTION CORNERS LOCATED



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 15, 2005

Berry Petroleum Company  
Rt. 3, Box 3020  
Roosevelt, UT 84066

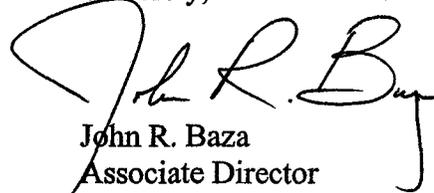
Re: State Tribal 1-7R-54 Well, 508' FNL, 792' FEL, NE NE, Sec. 7, T. 5 South,  
R. 4 West, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30925.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
SITLA

Operator: Berry Petroleum Company

Well Name & Number State Tribal 1-7R-54

API Number: 43-013-30925

Lease: 14-20-H62-4778

Location: NE NE                      Sec. 7                      T. 5 South                      R. 4 West

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 22, 2006

Debbie Wisener  
Berry Petroleum Company  
RT. 2 Box 7735  
Roosevelt, Utah 84066

Re: APD Rescinded –State Tribal 1-7R-54 Sec. 7, T. 5S R. 4W  
Duchesne County, Utah API No. 43-013-30925

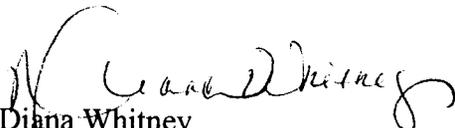
Dear Ms. Wisener:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 15, 2005. On March 22, 2006, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 22, 2006.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal  
SITLA, Ed Bonner