

August 2, 1983

Minerals Management Service
1745 West 1700 South
Room 2000
Salt Lake City, Utah 84104

Brennan Federal #13-10
SW/SW Section 10, T7S, R21E
Uintah County, Utah

Gentlemen:

Enclosed is the APD/NTL-6 for the subject well. I have enclosed an additional copy of the APD/NTL-6 so that you can forward a copy of the approval to drill to Lomax's Roosevelt office at 248 North Union, Roosevelt, Utah 84066.

Please advise if you need additional information.

Very truly yours,

Michele Tisdal

Michele Tisdal
Sec. Drilling & Production

MT
Enclosures (4)

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

Minerals Management Service
Mr. Greg Darlington
170 South 500 East
Vernal, Utah 84078

AUG 02 1983
DIVISION OF
OIL AND GAS

 333 North Belt East • Suite 880
Houston, Texas 77090
(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
GEOLOGICAL SURVEY

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, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At SURFACE 658' FWL & 673' FSL SW/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 16 miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 658'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4826' GR

5. LEASE DESIGNATION AND SERIAL NO.
 U-34357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Brennan Federal

9. WELL NO.
 13-10

10. FIELD AND POOL, OR WILDCAT
 Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 10, T7S, R21E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

16. NO. OF ACRES IN LEASE
 1720.00

19. PROPOSED DEPTH
 7200'

20. ROTARY OR CABLE TOOLS
 Rotary

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

22. APPROX. DATE WORK WILL START*
 September 15, 1983

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

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 August 2, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

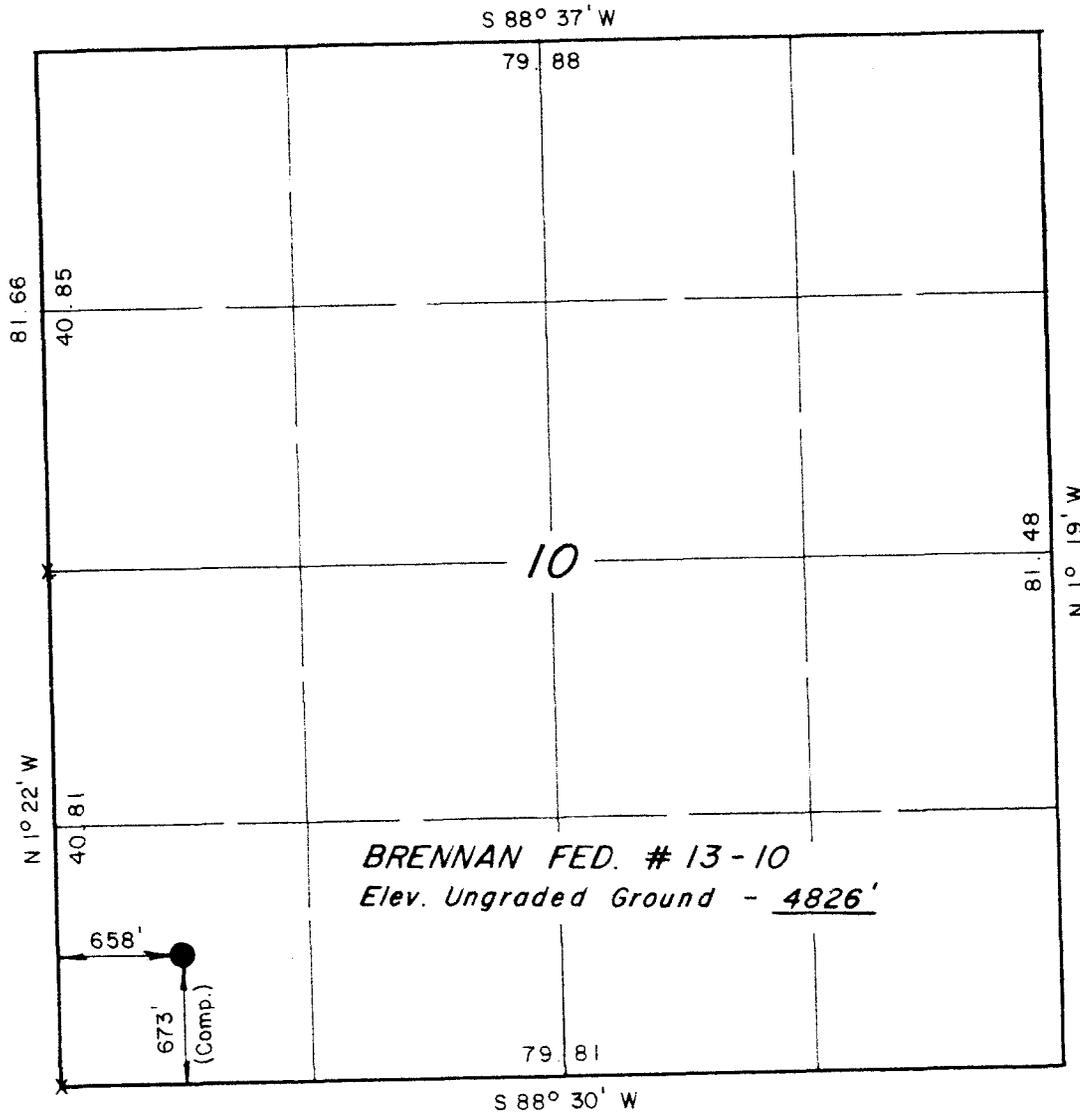
CONDITIONS OF APPROVAL, IF ANY:

T 7 S, R 21 E, S.L.B.&M.

PROJECT

LOMAX EXPLORATION CO.

Well location, BRENNAN FED.
13-10, located as shown in
the SW 1/4 SW 1/4 Section 10, T7S,
R 21 E, S.L.B. & M. Uintah 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.

[Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

X = Section Corners Located

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

SCALE 1" = 1000'	DATE 7-25-83
PARTY L.D.T. T.J. - BFW	REFERENCES GLO Plat
WEATHER Fair	FILE LOMAX

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Brennan Federal #13-10
SW/SW Section 10, T7S, R21E
Uintah County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	3500-3600'
Wasatch	6800-6900'

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

Uinta - Gas bearing sands anticipated 2000-3000'
Green River/Wasatch Transition - oil bearing sands anticipated 6500-7000'

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 17#; set at TD
All casing will be new

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 5% KCl water to the Wasatch Zone (TD).

LOMAX EXPLORATION COMPANY
Brennan Federal #13-10
SW/SW Section 10, T7S, R21E
Uintah County, Utah

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 H₂S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately September 15, 1983.

LOMAX EXPLORATION CO.

13 Point Surface Use Plan

For

Well Location

Brennan Federal #13-10

Located In

Section 10, T7S, R21E, S.L.B. & M.

Uintah County, Utah

LOMAX EXPLORATION CO
Brennan Federal #13-10
Section 10, T7S, R21E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION CO. well location site Brennan Federal #13-10, located in the SW 1/4 SW 1/4 Section 10, T7S, R21E, S.L.B.& M., Uintah County, Utah:

Proceed Southerly out of Naples, Utah along the new Uintah County, Bonanza Highway + 21.2 miles to its junction with an existing road to the West; proceed in a Westerly direction along this road 21.9 miles to its junction with the proposed access road (to be discussed in item #2).

The highway mentioned in the foregoing paragraph are bituminous surfaced road to the point where the existing dirt road exists to the West; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt 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. 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 planned road leaves the existing road described in Item #1 in the NE 1/4 NW 1/4 Section 16, T7S, R21E, S.L.B.& M., and proceeds in a Northeasterly direction approximately 0.85 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 culverts required along this access road, as it crosses no drainage of any consequence.

There will be no turnouts required along this road.

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

The lands involved in this action are under B.L.M. jurisdiction. The Minerals are under Federal control.

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 existing producing wells within a one mile radius. However there is one abandoned wells within a one mile radius of this location site. (See Topographic Map "B").

There are no known, water wells, injection wells, monitoring or observations wells for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

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

A tank battery site will be set 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 line 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 road approximately 3 miles from the Green River at the point in the SW 1/4 Section 17, T7S, R21E, S.L.B. & 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 and access road. No pit lining material 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. METHODS 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 of 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.L.M. District Manager 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.

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 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 and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative 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 White River is located approximately 1.5 miles to the West 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 Uinta 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 are 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").

Brennan Federal #13-10 is located approximately 1.5 miles East of the Green River on a relatively flat bench area.

The terrain in the vicinity of the location slopes from the Northwest through the location site to the Southeast at approximately 0.5% grade.

The vegetation in the immediate area surrounding the location site consists of sparse amounts of sagebrush and grasses, with cedar and mahogany trees.

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").

11. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East, Ste. 880
Houston, TX 77060

1-713-931-9276

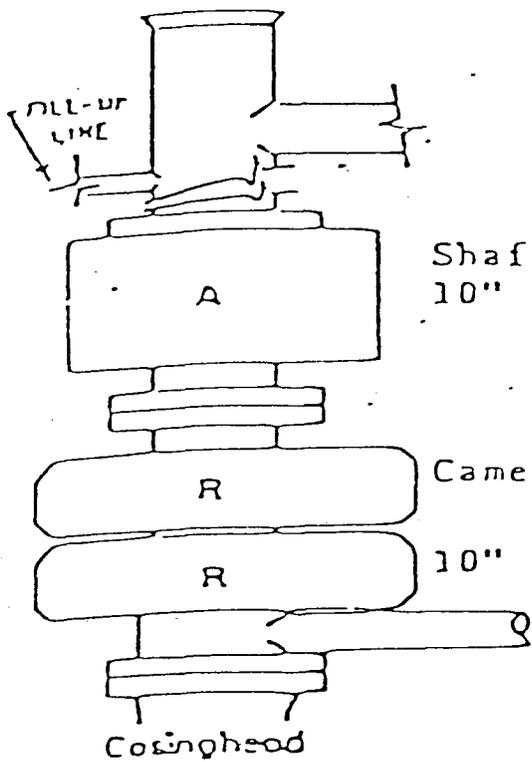
13. CERTIFICATION

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 and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

8/2/83

Jack Pruitt

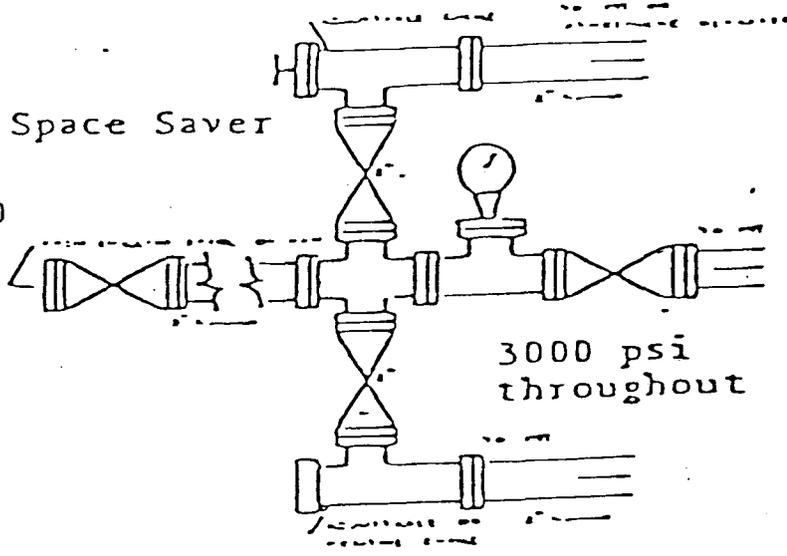


Shaffer Spherical
10" 900

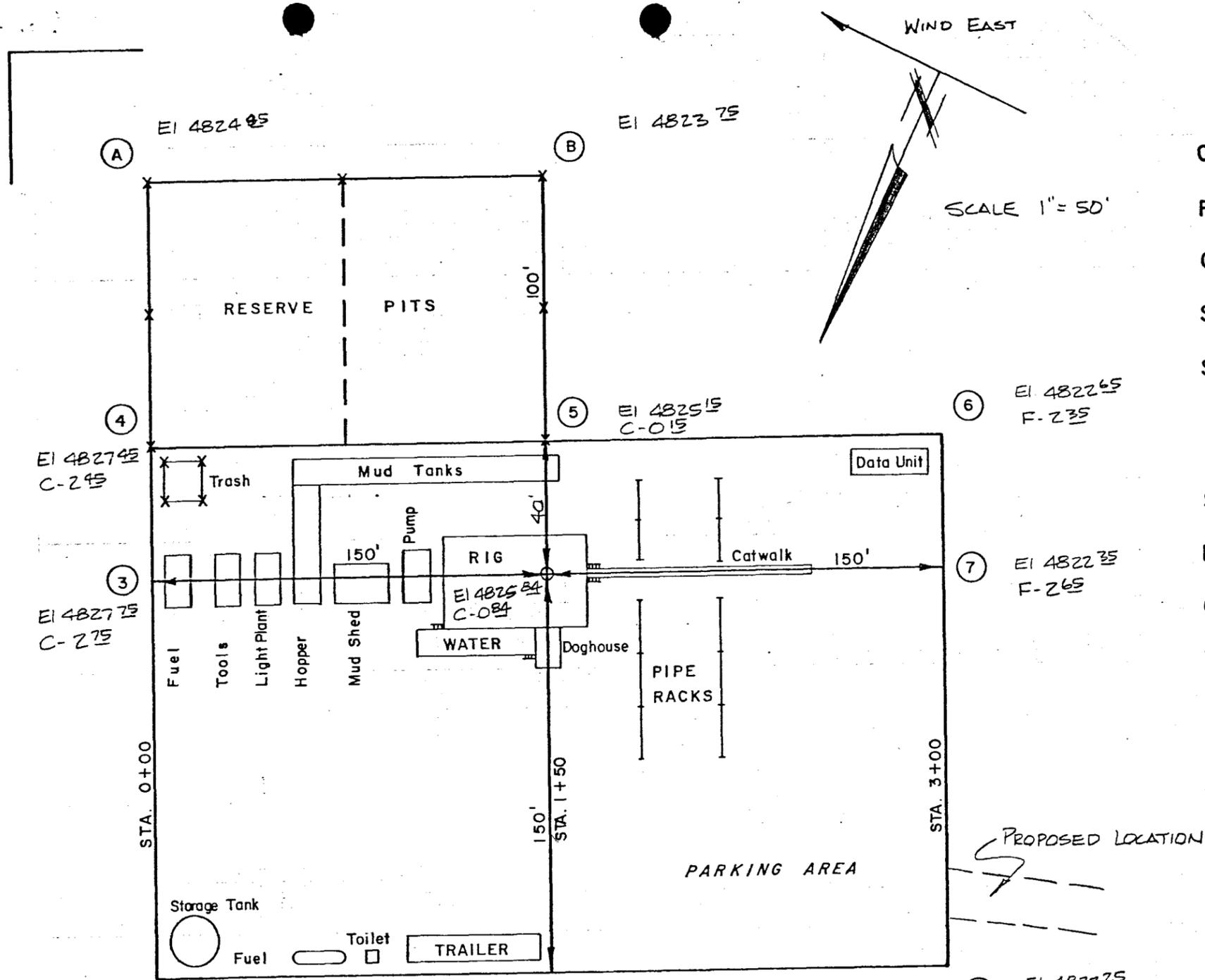
Cameron Space Saver

10" 900

Casinghead

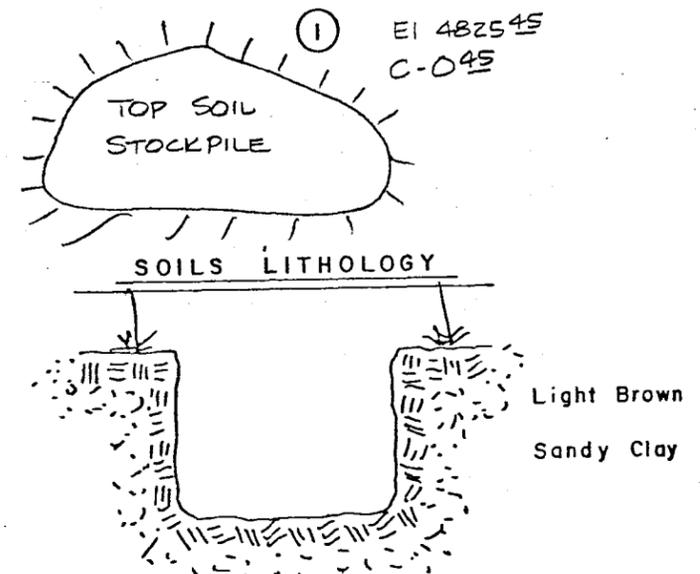
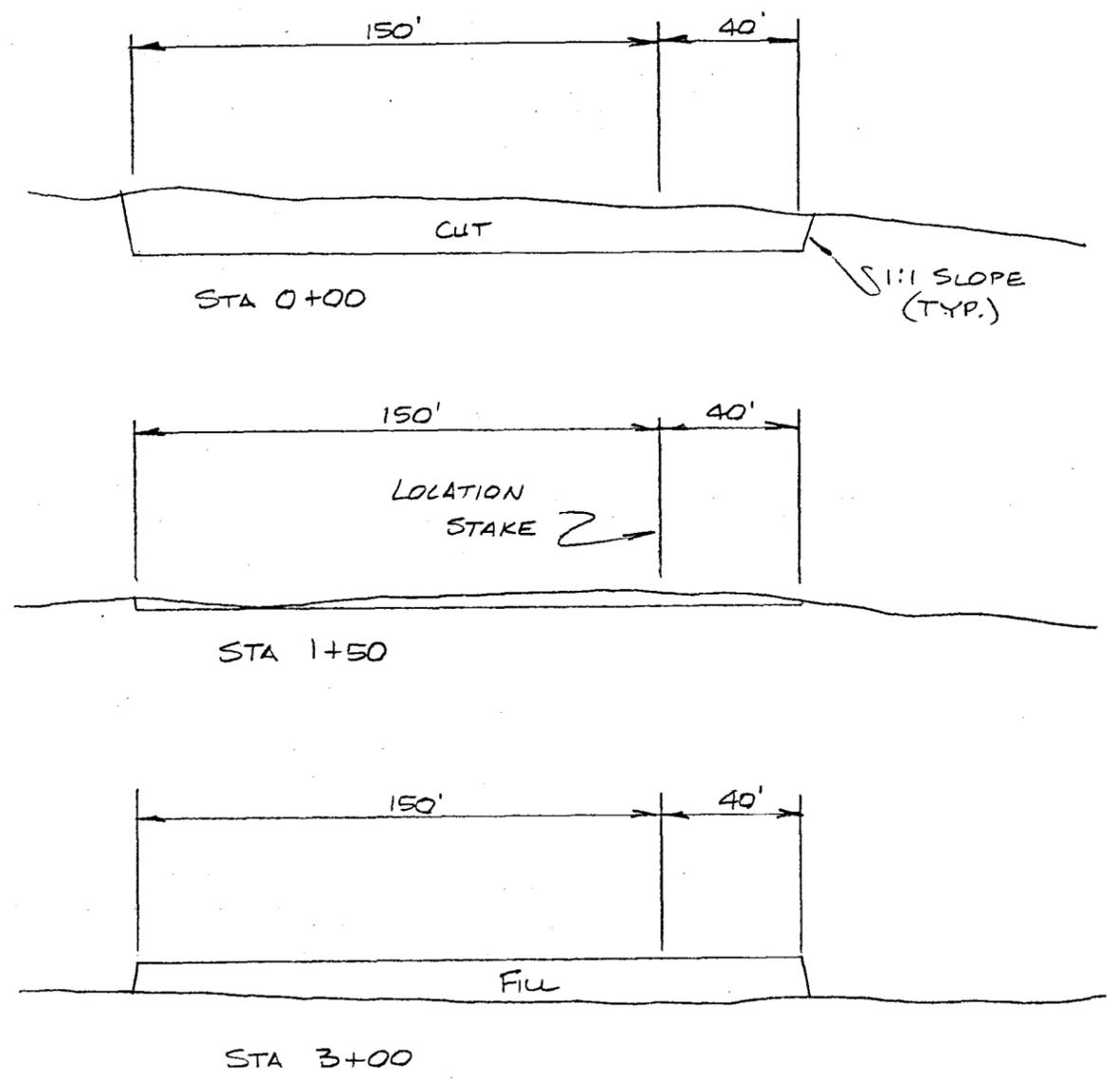


3000 psi
throughout



LOMAX EXPLORATION CO
BRENNAN FED. # 13-10

C
R
O
S
S
S
E
C
T
I
O
N
S



1" = 10'

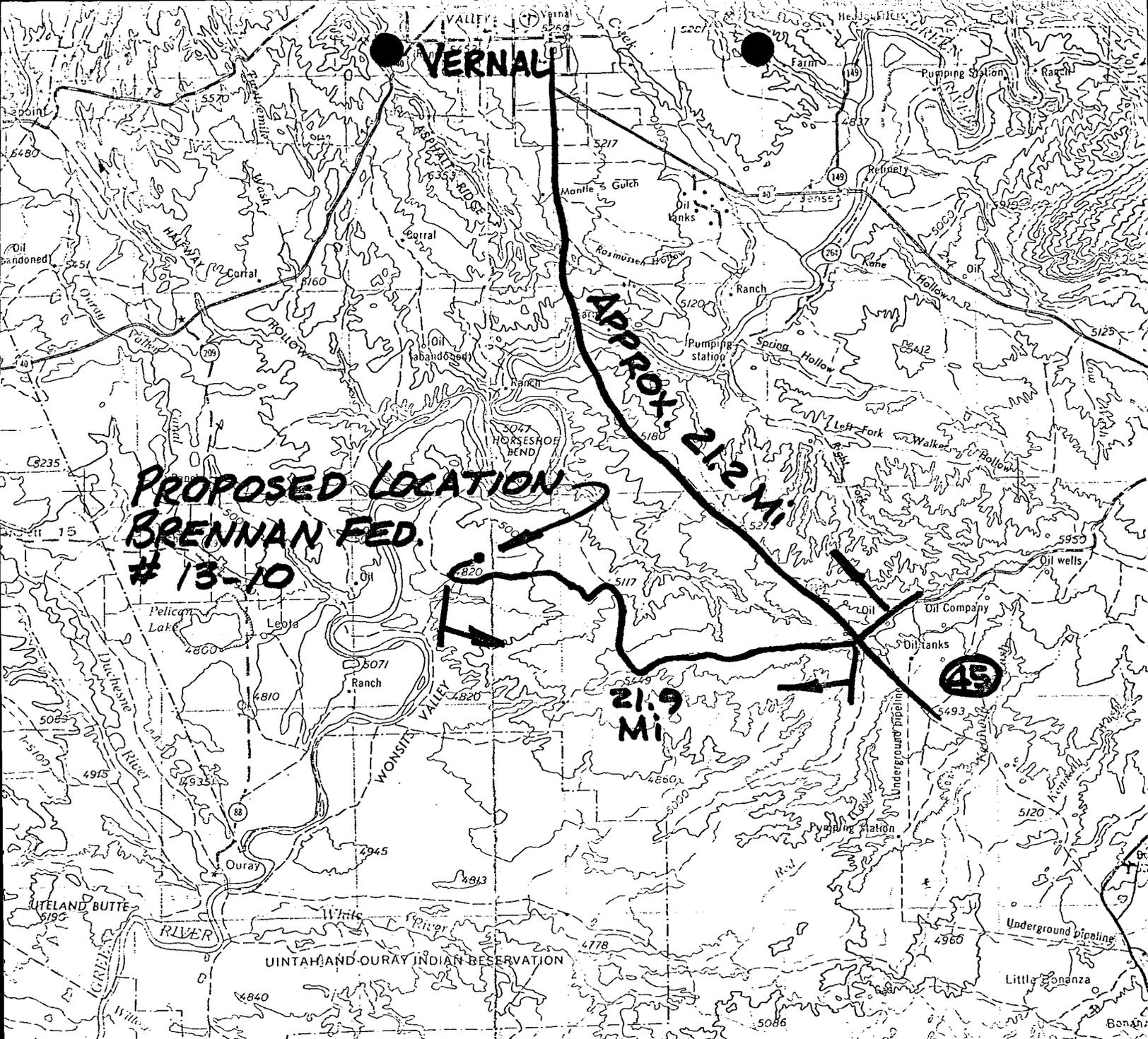
Scales

1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut - 2,288

Cu. Yds. Fill - 1,206



**PROPOSED LOCATION
BRENNAN FED.
13-10**

APPROX. 21.2 Mi

21.9 Mi

**LOMAX EXPLORATION CO.
BRENNAN FED. # 13-10**

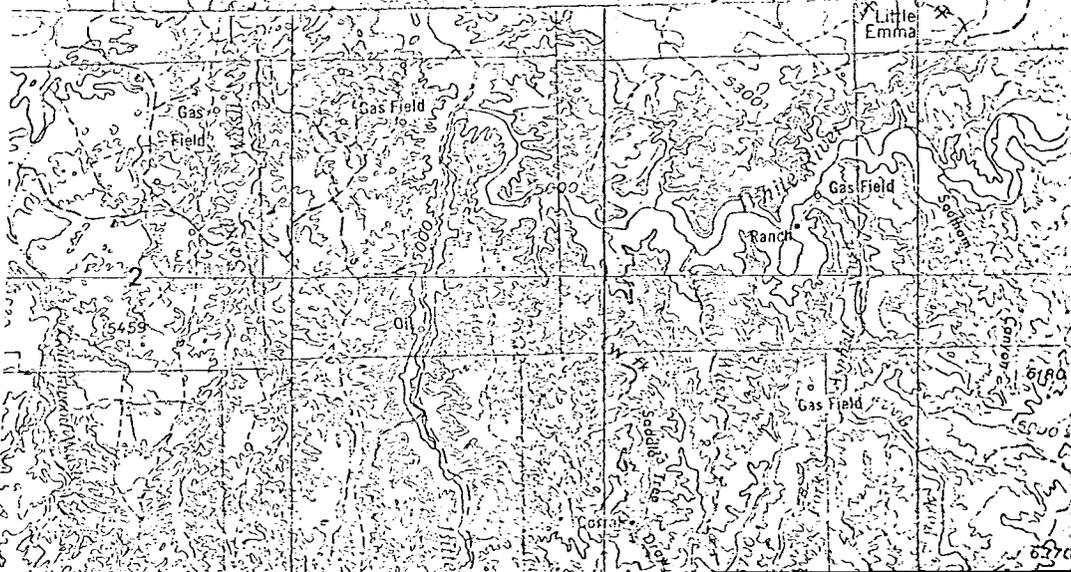
PROPOSED LOCATION

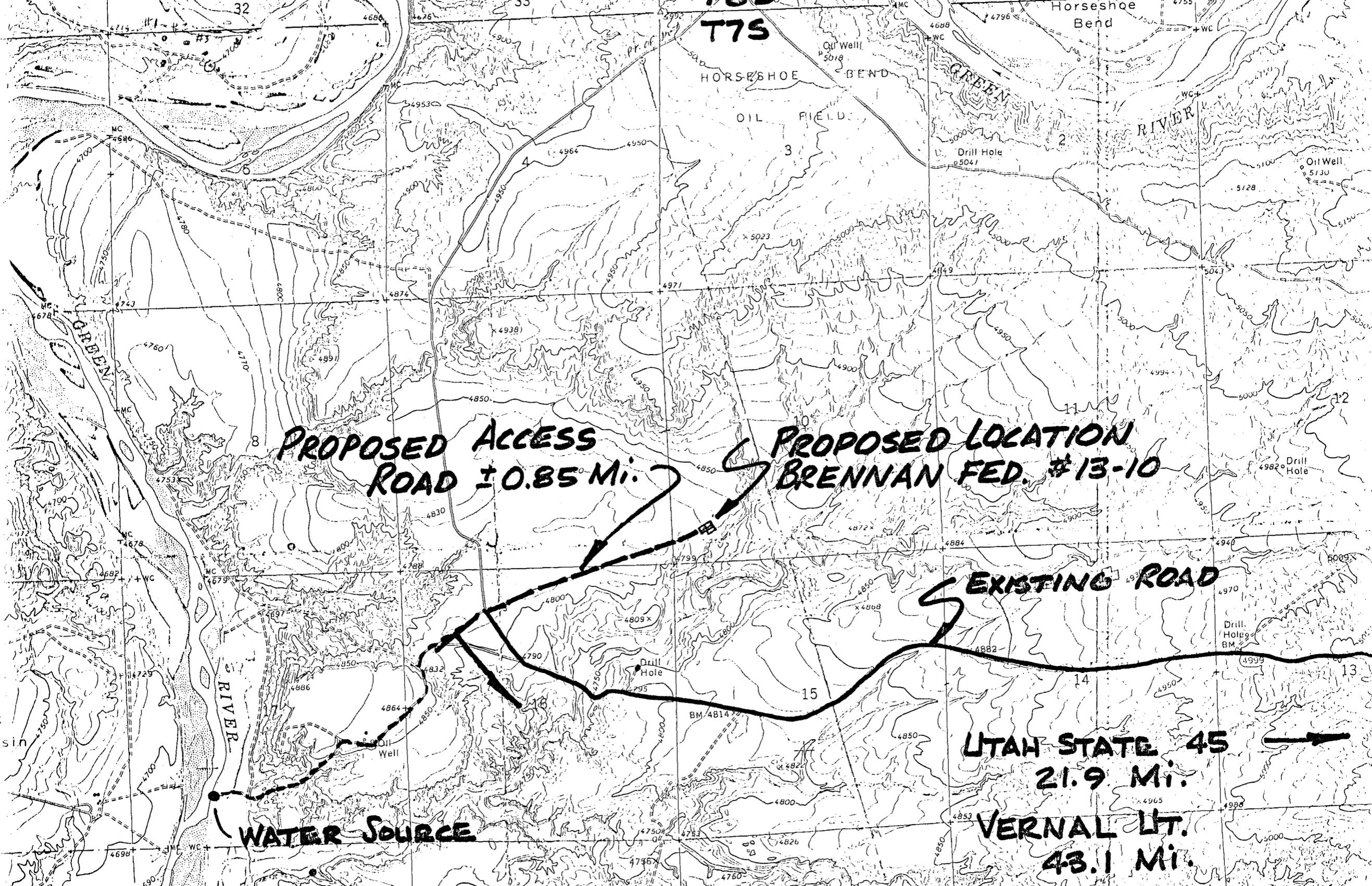
TOPO.

MAP "A"



SCALE - 1" = 4 Mi.





103
T75

HORSESHOE BEND

OIL FIELD

Horseshoe Bend

GREEN RIVER

GREEN RIVER

PROPOSED ACCESS ROAD ± 0.85 Mi.

PROPOSED LOCATION BRENNAN FED. #13-10

EXISTING ROAD

WATER SOURCE

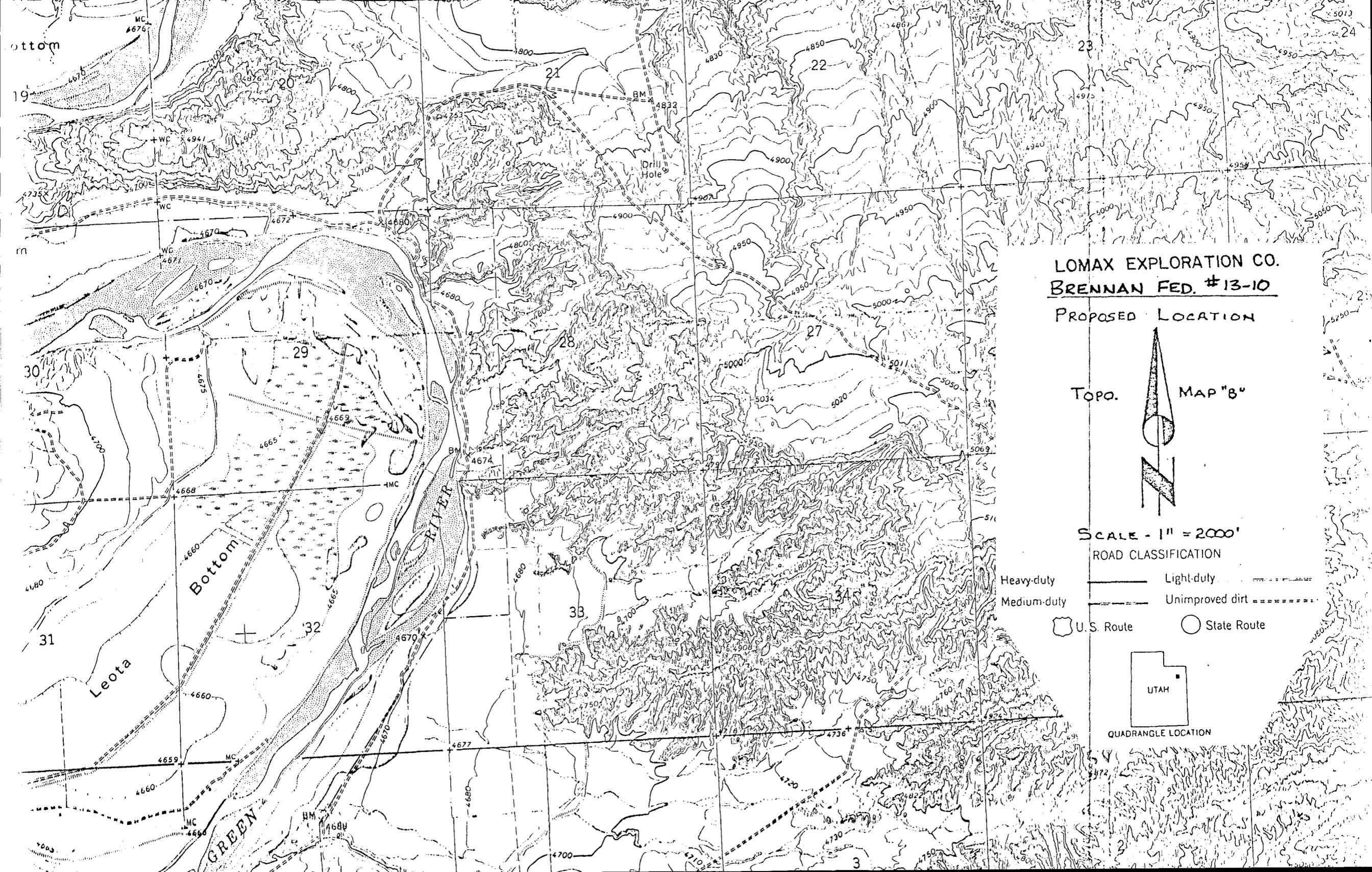
UTAH STATE 45

21.9 Mi.

VERNAL LT.

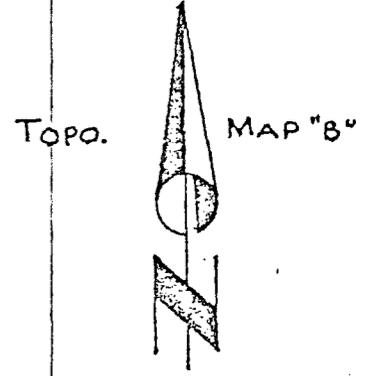
43.1 Mi.





LOMAX EXPLORATION CO.
BRENNAN FED. #13-10

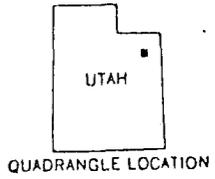
PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION

- Heavy-duty
- Medium-duty
- Light-duty
- Unimproved dirt
- U.S. Route
- State Route



QUADRANGLE LOCATION

OPERATOR Lomax Exploration Co. DATE 8-10-83
WELL NAME Brennan Fed. 1310
SEC S45W10 T 75 R 21E COUNTY United

43-047-31367
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

No other wells within 1000'.

CHIEF PETROLEUM ENGINEER REVIEW:

4/6/83 oil wells

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

Water

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT 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.

August 10, 1983

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

RE: Well No. Brennan Federal 13-10
SWSW Sec. 10, T. 7S, R. 21E
658' FWL, 673' FSL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31367.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Branch of Fluid Minerals
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 658' FWL & 673' FSL SW/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 16 miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 658'

16. NO. OF ACRES IN LEASE
 1720.00

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.
 N/A

19. PROPOSED DEPTH
 7200'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4826' GR

22. APPROX. DATE WORK WILL START*
 September 15, 1983

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
OCT 5 1983

DIVISION OF
OIL, GAS & MINING



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

SIGNED G.L. Pruitt TITLE V.P. Drilling & Production DATE August 2, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 10/3/83

CONDITIONS OF APPROVAL, IF ANY:

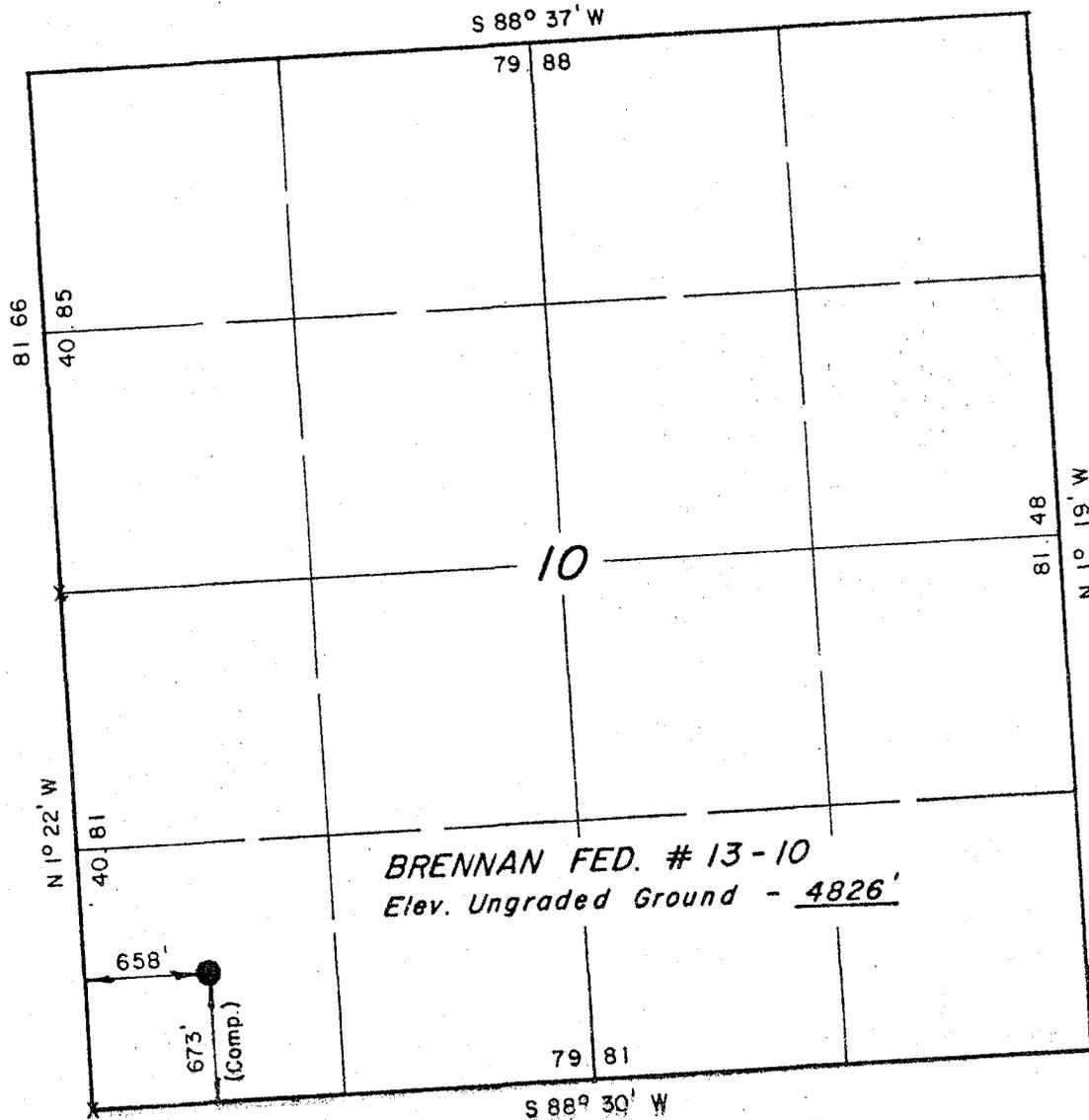
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Ut 080-3-M-049 State Oil, Gas, Mining
 CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

T 7 S, R 21 E, S.L.B. & M.

PROJECT
LOMAX EXPLORATION CO.

Well location, BRENNAN FED.
13-10, located as shown in
the SW 1/4 SW 1/4 Section 10, T7S,
R 21 E, S.L.B. & M. Uintah County,
Utah.



X = Section Corners Located



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 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 7-25-83
PARTY L.D.T. T.J. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE LOMAX



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:

T & R
U-802

September 30, 1983

CONDITIONS OF APPROVAL OF PROJECTS

Re: Lomax Exploration Company
Well #13-10, Sec. 10, T7S, R21E
Uintah County, Utah

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration".
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turnouts will not be required. Bar ditches will be installed where necessary.
3. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
4. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
6. The location will be rotated 180° from APD layout program to place the pits away from an existing drainage.
7. The top 6-8 inches of topsoil would be placed in the southwest corner and at the east side of the pad (near the new locations of stakes 2 and 7 following the 180° rotation).
8. All permanent (on location for six (6) months duration or longer) structures constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflec-

tive, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

9. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale. Surface casing program may require adjustment for protection of fresh water aquifers.

water OK
Norm



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX EXPLORATION COMPANY

WELL NAME: Brennan Fed. 13-10

SECTION SWSW 10 TOWNSHIP 7S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR TWT

RIG # 56

SPUDDED: DATE 10-18-83

TIME 9:45 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Michelle

TELEPHONE # 713-931-9276

DATE 10-19-83 SIGNED AS

H₂O OK
Norm

RECEIVED
OCT 24 1983

DIVISION OF
OIL, GAS & MINING
October 19, 1983

Chief, Branch of Fluid Minerals,
Utah State Office, B.L.M.
136 East South Temple
Salt Lake City, Utah 84111

Brennan Federal #13-10
SW/SW Section 10, T7S, R21E
Uintah County, Utah

Gentlemen:

Enclosed is a Sundry Notice to report spud notification on the subject well.

Please advise if you need additional information.

Very truly yours,



Michele Tisdal
Sec., V.P. Drilling & Production

MT
Enclosures (3)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Lomax Exploration Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 658' FWL & 673' FSL SW/SW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) SPUD NOTIFICATION	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE U-34357
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Brennan Federal
9. WELL NO. 13-10
10. FIELD OR WILDCAT NAME Undesignated
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10, T7S, R21E
12. COUNTY OR PARISH Uintah
13. STATE Utah
14. API NO. 43-047-31367
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4826' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

10/17/83 Drill 13" surface hole w/dry hole digger to 300'. Ran 7 jts 8 5/8" 24# casing & landed at 280'GL. Cemented with 210 sx class "G" + 2% CaCl + 1/4#/sx flocele. Bumped plug - float held.

10/18/83 Spud with TWT Rig #56 at 9:45 P.M.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED G.L. Pruitt TITLE V.P. Drlg. & Prod. DATE 10/19/83

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

2
13

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 P & A

2. NAME OF OPERATOR
Lomax Exploration Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 658' FWL & 673' FSL SW/SW
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-31367 DATE ISSUED 8/10/83

5. LEASE DESIGNATION AND SERIAL NO.

U-34357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brennan Federal

9. WELL NO.

13-10

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 10, T7S, R21E

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUNDED 10/18/83 16. DATE T.D. REACHED 11/7/83 17. DATE COMPL. (Ready to prod.) P & A 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4826' GR 19. ELEV. CASINGHEAD 4826

20. TOTAL DEPTH, MD & TVD 7197' 21. PLUG, BACK T.D., MD & TVD P & A 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY XXX ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, 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	280	13	210 sx cl "G" + 2% CaCl + 1/4#/sx flocele.	

29. LINER RECORD 30. TUBING RECORD

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged & Abandoned 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 G.L. Pruitt TITLE V.P. Drilling & Production DATE 11/9/83

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

- 1. oil well gas well other Dry
- 2. NAME OF OPERATOR
Lomax Exploration Company
- 3. ADDRESS OF OPERATOR
P.O. Box 4503, Houston, TX 77210
- 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 658' FWL & 673' FSL SW/SW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- | | | |
|----------------------|-------------------------------------|-------------------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| (other) | <input type="checkbox"/> | <input type="checkbox"/> |

- 5. LEASE
U-34357
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME
Brennan Federal
- 9. WELL NO.
13-10
- 10. FIELD OR WILDCAT NAME
Undesignated
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 10, T7S, R21E
- 12. COUNTY OR PARISH | 13. STATE
Uintah | Utah
- 14. API NO.
43-047-31367
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
4826 GR

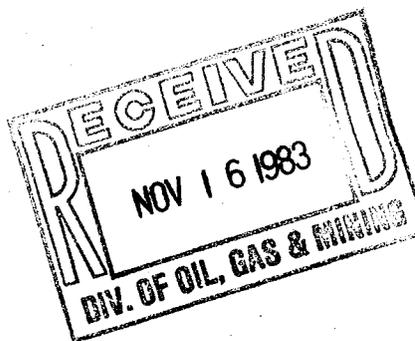
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

11/9/83

Set cement plugs 6750-7000 ✓
3200-3500 ✓
200-400 ✓
30-60 ✓

WELL PLUGGED AND ABANDONED



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED G.L. Pruitt TITLE V.P. Drlg. & Prod DATE 11/9/83

(This space for Federal or State office use)

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

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/19/83
BY: [Signature]

*See Instructions on Reverse Side



December 17, 1984

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

Re: Brennan Federal #13-10
Sec. 10, T7S, R21E
Uintah County, Utah
U-34357

Gentlemen;

Reclamation on this location was completed on November 2, 1984 and was reseeded with a seed mixture recommended by your office. Enclosed you will find seed mixtures and amounts. A harrow was used to rake seeds into soil. The road was ripped up and scarified. The dry hole marker is in place.

Sincerely,

A handwritten signature in cursive script that reads "Gary Richardson".

Gary Richardson
Engineering Assistant
Drilling & Production

Enclosures (7)

GR/cc

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

Brennan Feb. 13-10

NPI SEEDS

Genus	Stipa
Species	viridula
Common Name	Green needle grass
Lot Number	STVI 1977
Origin	SD
Elevation	
Pure Seed	98.67
Germination	92
Hard Seed	None
Total Germ & Hard	
Other Crop	.68
Inert Matter	.26
Weed Seed	.39
Noxious Weed Seed	None
Tested	6-84
Net Weight	9 2 pounds



3 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:

Green needle grass, was substituted for needle and thread grass, as per your instructions.

Genus Agropyron
Species smithii
Common Name Western wheatgrass
Lot Number AGSM-2621
Origin MT
Elevation
Pure Seed 85.51%
Germination 78
Hard Seed
Total Germ & Hard
Other Crop 8.84%
Inert Matter 5.52%
Weed Seed .13%
Noxious Weed Seed None
Tested 3-84
Net Weight 9 ~~lb~~ pounds



3 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 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 Elymus
Species junceus
Common Name Russian wildrye
Lot Number ELJU-2631
Origin Canada
Elevation
Pure Seed 98.98%
Germination 92
Hard Seed
Total Germ & Hard
Other Crop 0
Inert Matter 1.02
Weed Seed 0
Noxious Weed Seed None
Tested 1-84
Net Weight 6 20 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 Atriplex
Species canescens
Common Name Fourwing saltbush
Lot Number ATCA-3066
Origin UT & CO
Elevation 5000'-7000'
Pure Seed 97.92%
Germination 68%
Hard Seed f111
Total Germ & Hard
Other Crop 0
Inert Matter 2.08
Weed Seed 0
Noxious Weed Seed None
Tested 3-84
Net Weight 6 pounds



2 1/2 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 Oryzopsis
Species hymenoides
Common Name Nezpar indian ricegrass
Lot Number ORHY-2377
Origin Nampa, ID
Elevation
Pure Seed 97.97%
Germination 97
Hard Seed
Total Germ & Hard
Other Crop 0
Inert Matter 2.0
Weed Seed .03
Noxious Weed Seed None
Tested 9-83
Net Weight 6 ~~24~~ 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.