

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

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

Attn: Mr. Ron Firth

RECEIVED
JUN 01 1989

DIVISION OF
OIL, GAS & MINING

Re: Marble Mansion Unit #1
SE/SE Section 18-T11S-R23E
Uintah County, Utah
Federal Lease No. U-54201

Gentlemen:

Enclosed for your review and approval are three copies of Federal Form 3160-3 with attachments as application for permit to drill the referenced well. The federal APD Form 3160-3 and accompanying attachments, consisting of a survey plat, drilling plan, and surface use plan, provides the information required by R615-8-3.

The Marble Mansion Unit #1 well is the initial unit test well. The Marble Mansion Unit was approved by the U.S. Bureau of Land Management on March 16, 1989. TXO Production Corp. anticipates spudding this well in late June, prior to the June 30, 1989 lease expiration date.

TXO is in the process of obtaining approval from the State Division of Water Rights for use of water at the drill site. Pending clearance by BLM, we anticipate using water from the White River in the SW/NW Section 20-T10S-R23E and hauling by truck on existing roads to the drill site.

If you have any questions or need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Charles K. Curlee
Environmental Manager

CKC/gbp

Enclosures

A SUBSIDIARY OF  TEXAS
OIL & GAS CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

16

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
 TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR
 1800 Lincoln Center Bldg. Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements.)
 At surface
 1080' FSL, 744' FEL (SE/SE)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Same
 Approximately 32 miles southwest of Bonanza, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 approx. 4200'

16. NO. OF ACRES IN LEASE
 603.80

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.
 - -

19. PROPOSED DEPTH
 6500' *measured*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6069' G.R.

22. APPROX. DATE WORK WILL START*
 June 20, 1989

RECEIVED
 JUN 01 1989

DIVISION OF
 OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 U-54201

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 - - -

7. UNIT AGREEMENT NAME
 Marble Mansion

8. FARM OR LEASE NAME
 - - -

9. WELL NO.
 Unit #1

10. FIELD AND POOL, OR WILDCAT
 Marble Mansion *Undesignated*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 18-T11S-R23E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

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"	24.0#	350'	+ 200 SXS
7 7/8"	4 1/2"	11.6#	6500'	+ 450 SXS

- A. Cement will be circulated to the surface.
- B. All casing will be new K-55.

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. E. Wyrden* TITLE Dist. Drilling & Prod. Mgr. DATE May 11, 1989

(This space for Federal or State office use)

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

PERMIT NO. 43-047-31865

APPROVAL DATE

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

DATE: 6-7-89
 BY: *John R. Bay*
 WELL SPACING: R615-2-3

*See Instructions On Reverse Side

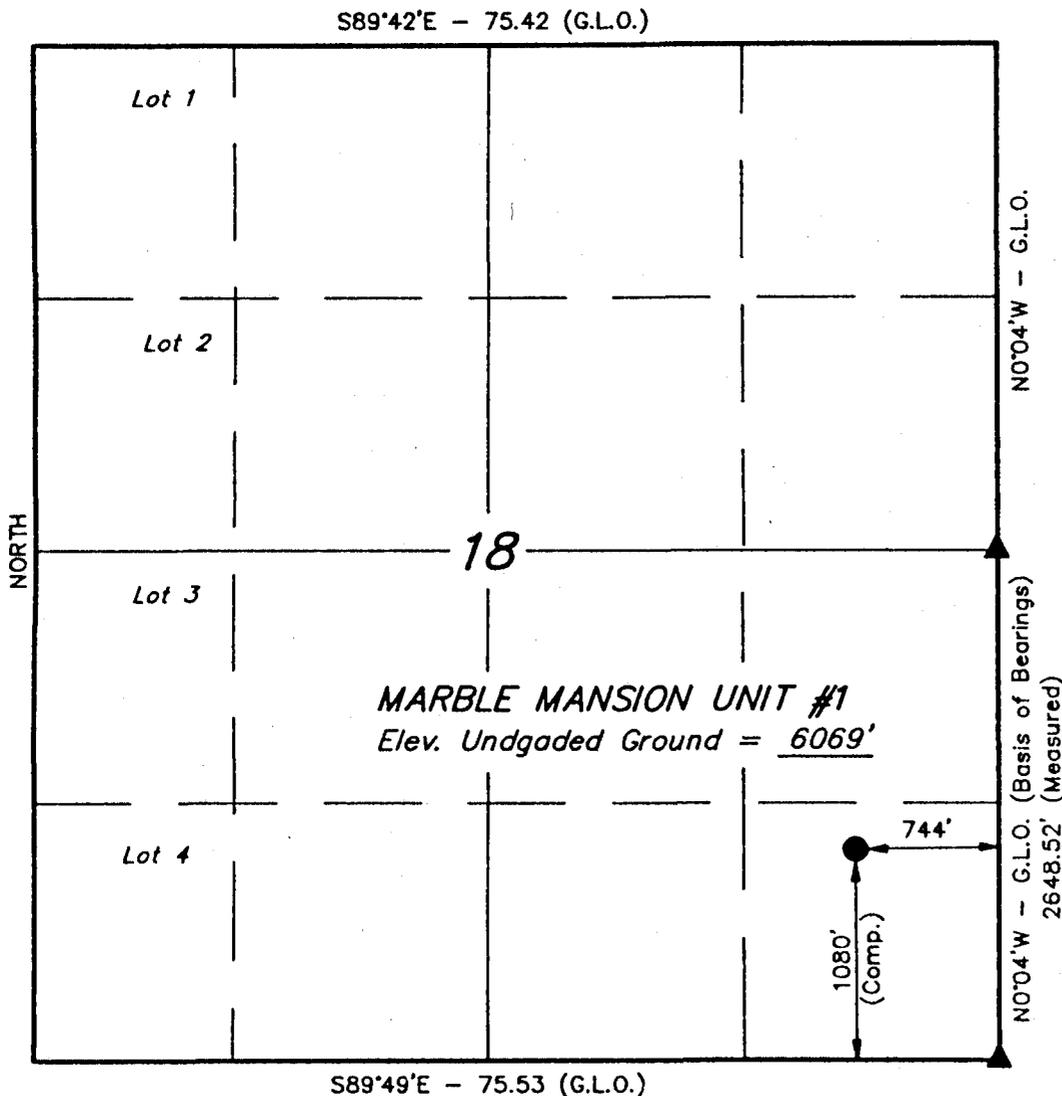
T11S, R23E, S.L.B.&M.

TXO PRODUCTION CORP.

Well location, MARBLE MANSION UNIT #1, located as shown in the SE 1/4 SE 1/4 of Section 18, T11S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 18, T11S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE QUADRANGLE, UTAH - UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5973 FEET.



CERTIFICATE

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

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

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4-27-89
PARTY J.T.K. B.M. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER WINDY	FILE TXO PRODUCTION CORP.

▲ = SECTION CORNERS LOCATED. (1922 BRASS CAPS)

DRILLING PLAN

DATE: May 11, 1989

WELL NAME: Marble Mansion Unit #1

SURFACE LOCATION: 1080' FSL, 744' FEL, Section 18-T11S-R23E, SLB&M,
Uintah County, Utah

FEDERAL OIL & GAS LEASE NO.: U-54201

Be advised that TXO Production Corp. is considered to be the operator on the above described lands and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof, bond coverage for this well is provided by Bond No. 679 F 434 A, Principal TXO Production Corp.

I. DRILLING PROGRAM

1. **SURFACE FORMATION:** Uinta

2. **ESTIMATED FORMATION TOPS:**

Green River	200'
Wasatch	3000'
Mesa Verde	5100'
Total Depth	6500'

3. **ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:**

Expected Gas Zones: Wasatch, Mesa Verde

Water may be encountered in the Uinta, Green River, Wasatch and Mesa Verde Formations.

4. **PRESSURE CONTROL EQUIPMENT:**

A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.

B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.

C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.

D. The equipment in A and B will be pressure-tested to 2000 psi for a minimum of 15 minutes before drilling surface pipe cement. The blowout preventer will be tested for operations daily and during trips.

5. CASING PROGRAM AS PER FORM 3160-3.

6. MUD PROGRAM:

0-300' Air
300'-3000' Native mud: 8.8-9.0 ppg; 28-32 viscosity API
3600'-TD LSND mud: 9.0-9.2 ppg; 35-45 viscosity API; WL less than 10 cc's.

7. CORING, LOGGING, TESTING PROGRAM:

- A. No coring anticipated.
- B. Logging will consist of: DIL-SP from TD to surface pipe, and FDC-CNL-GR-CAL from TD to 3000 above TD.

8. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition source will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located approximately 125' from the wellhead) to insure burning of return gases that are combustible.

9. AUXILIARY EQUIPMENT:

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

10. ANTICIPATED STARTING DATES:

Start location construction	June 20, 1989
Spud date	June 26, 1989
Complete drilling	July 10, 1989
Completed, ready for pipeline	July 20, 1989

11. COMPLETION PROGRAM:

A smaller completion rig will replace the drilling rig for this portion of the operations if the well shows capability of commercial production. After casing is set by the drilling rig, the completion rig will be moved in and productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced liquid

11. **COMPLETION PROGRAM:**

(continued from previous page)

hydrocarbons will be directed to test tanks on location. Produced water will be contained in the drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. An exact completion program will be furnished after drilling and logging, if requested.

II. SURFACE USE PROGRAM

1. EXISTING ROADS

- A. From Bonanza, Utah proceed 5 miles south on the paved road and turn left onto a dirt road (BLM sign "Bookcliff Main Access"). Proceed south on this dirt road, taking a right fork in 3.9 miles near BLM Wagonhound Allotment ("Greeks Corral"). Continue south and west, fording across Evaucation Creek near Watson in 5.2 miles, and taking right fork near Rainbow in another 4 miles. Pass Kings Well in another 5 miles, staying on main road through TXO's Oil Springs Unit. 3.9 miles past Kings Wells, take right fork north for .6 mile, then take left fork (signs to TXO's Cracker wells) 1.9 miles west. Take right fork north .9 mile, staying on main road, then take left fork 2.9 miles northwest to a corral/storage bin area. Take left fork 1.8 miles to start of new access road. Location is 600' northwest. Total distance traveled on dirt road from the pavement south of Bonanza to the beginning of the new access road is approximately 30 miles.
- B. Access route to location color coded in red and labeled. Refer to Exhibit 2.
- C. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 3.
- D. Plans for improvement and maintenance of existing roads: The existing roads will require minimal maintenance. During wet periods, maintenance may be necessary to facilitate passage by heavy well servicing equipment. Dry periods will require some road watering to control dust and improve stability.

2. PLANNED ACCESS ROAD

Approximately 600' of new road will be constructed to provide access to the well pad. The road will be flat-bladed and will have a grade of about 2%. No culverts, gates, or cattleguards will be necessary. See Exhibit 4.

3. LOCATION OF EXISTING WELLS

Exhibit 5 is a one-mile radius locating and identifying the following:

- A. Water wells-None
- B. Injection Wells-None
- C. Abandoned Wells-None
- D. Disposal Wells-None
- E. Producing Wells-None
- F. Drilling Wells-None
- G. Shut-in Wells-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. On-well-pad production facilities, if well is successfully completed for production.

1. Proposed facilities and attendant lines in relation to the well pad. Refer to Exhibit 6.
2. Dimensions of facilities: Refer to Exhibit 6.
3. The production facilities will include: production pit, production unit, meter run, and dehydrator. The anticipated location of these facilities is shown on Exhibit 6. The pit will be located in cut to contain all water production and built in accordance with NTL-2B IV.4. specifications for disposal of less than five barrels of produced water per day. In the event the volume of produced water exceeds 5 BWPD, TXO will investigate alternate disposal methods and obtain approval as required by NTL-2B.
4. Protective devices and measures to protect livestock and wildlife: The water production pit and blowdown pit will be fenced with barbed wire to protect livestock and wildlife.

B. Off-well-pad production facilities.

No off-well-pad facilities, other than a gas pipeline, are anticipated.

5. LOCATION AND TYPE OF WATER SUPPLY

A. Location and type of water supply: TXO is considering the following water sources:

1. Bitter Creek; from a point located in the SE/SE Section 26-T11S-R22E.
2. White River; from a point either located in the SW/NW Section 20-T10S-R23E.
3. Evacuation Creek; from a point located in the NW/NE Section 7-T11S-R25E.

The actual source used will depend on water availability. Temporary water use permits from the State of Utah will be obtained for the sources used.

B. Method of transporting water: The water will be hauled in trucks by a certified water hauler. The exact route will depend on the source chosen, however, all travel will be on existing roads.

C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of material to construct a level location. Topsoil will be stockpiled on the north and northeast ends of the pad for later use during rehabilitation of the disturbed areas. Excess excavated material will also be stockpiled adjacent to the pit for use during rehabilitation. Please refer to Exhibit 7 .
- B. Identify if from Federal or Indian Land: The affected land is Federal and under the jurisdiction of the Bureau of Land Management.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced and flagged to protect animals. The drilling reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location. If any oil is in the reserve pit, it will be removed or overhead flagging will be installed.
- G. Statement regarding proper cleanup when rig moves out: When the rig moves out, all trash and refuse will be removed from the location and hauled to an approved landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: An existing landing strip in the E/2 Section 16-T11S-R22E may be used to ferry in crews, weather permitting. No new surface disturbance is necessary. Refer to Exhibit 3.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7.

- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7.
- C. Statement regarding pit lining: The reserve pit will be unlined. However, if the subsurface structure should prove too porous or highly fractured, a 4-inch layer of bentonite or a commercial plastic liner will be placed in the pit to prevent excessive seepage and possible groundwater contamination.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, leveling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes filled. The reserve pit will be allowed to dry by evaporation and then will be backfilled. Cuttings, drilling muds, and similar spent chemicals directed to the reserve pit pursuant to Item 7 above will be buried as the pit is backfilled. Disturbed areas of the pad not needed for productin facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disced and seeded with a seed mixture recommended by the BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.
- B. In the event the well is not commercially productive, that portion of the access road requested by BLM to be rehabilitated will be recontoured, covered with topsoil, disced and seeded with the BLM recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion, and enhance seed production.
- C. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately July 10, 1989 and will be finished within approximately one year. It is anticipated that seeding of the recontoured pad would be performed in the Fall of 1989 following pit backfill and recontouring operations.

11. SURFACE OWNERSHIP

The access road and the well pad are located on lands administered by the BLM. The Marble Mansion Unit #1 is being drilled on Federal Lease No. U-54201. However, the Marble Mansion Unit consists of 6 contiguous sections: Sections 13 and 24 of T11S-R22E; and Sections 17,18, 19 and 20 of T11S-R23E. The unit boundary is shown on Exhibits 2 and 3.

12. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: Though the well site is located on gently sloping ground the area can best be characterized as rugged. The plateaus and benches are punctuated with numerous drainages and are separated by valleys lying in steep washes and draws. Soils are generally thin except on the broader valley floors and rock is exposed in numerous areas. The soils in the area consist of silty clay loams. Vegetation is mainly comprised of big sagebrush, juniper, and native grasses. Animals inhabiting the area include deer, small common mammals, and birds.
- B. Other surface-use activities include: oil and gas production and livestock grazing.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. An ephemeral wash runs through the canyon below the proposed location. An archeological survey will be conducted for the new access road and well pad with the results forwarded to the Vernal BLM Office.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVES AND CERTIFICATION

- A. Name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Gary E. Wurdeman
District Drilling & Production Manager
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Building
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 741-2517 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

Charles K. Curlee
Environmental Manger
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Bldg.
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 355-3297 - Residence

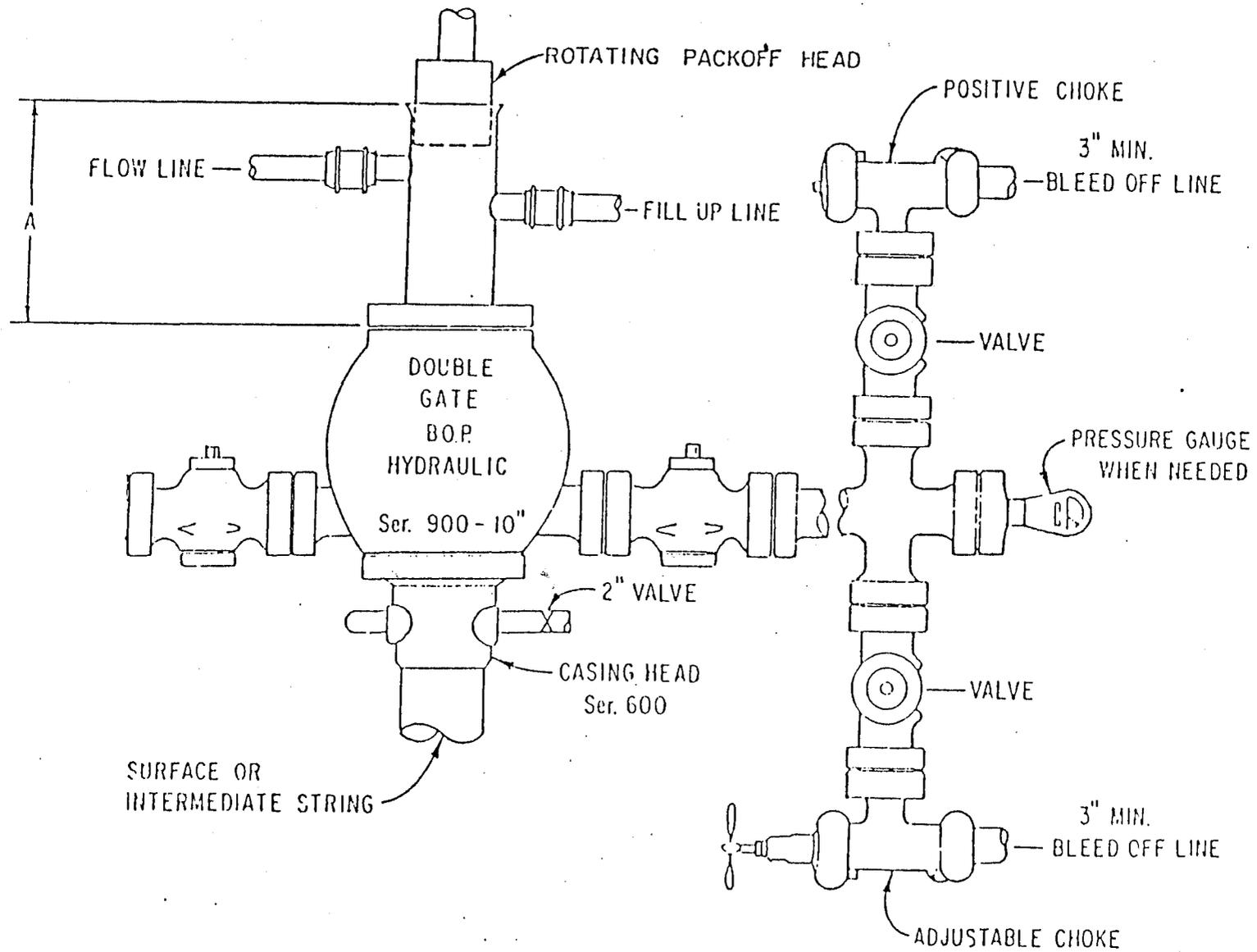
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by TXO Production Corp. 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 USC 1001 for the filing of a false statement.

DATE:

NAME AND TITLE:



Gary E. Wurdeman
District Drilling & Production Manager



TXO PRODUCTION CORP.

EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM



EXHIBIT 2

Access to Well Location



TXO PRODUCTION CORP.

MARBLE MANSION UNIT #1
SECTION 18, T11S, R23E, S.L.B.&M.

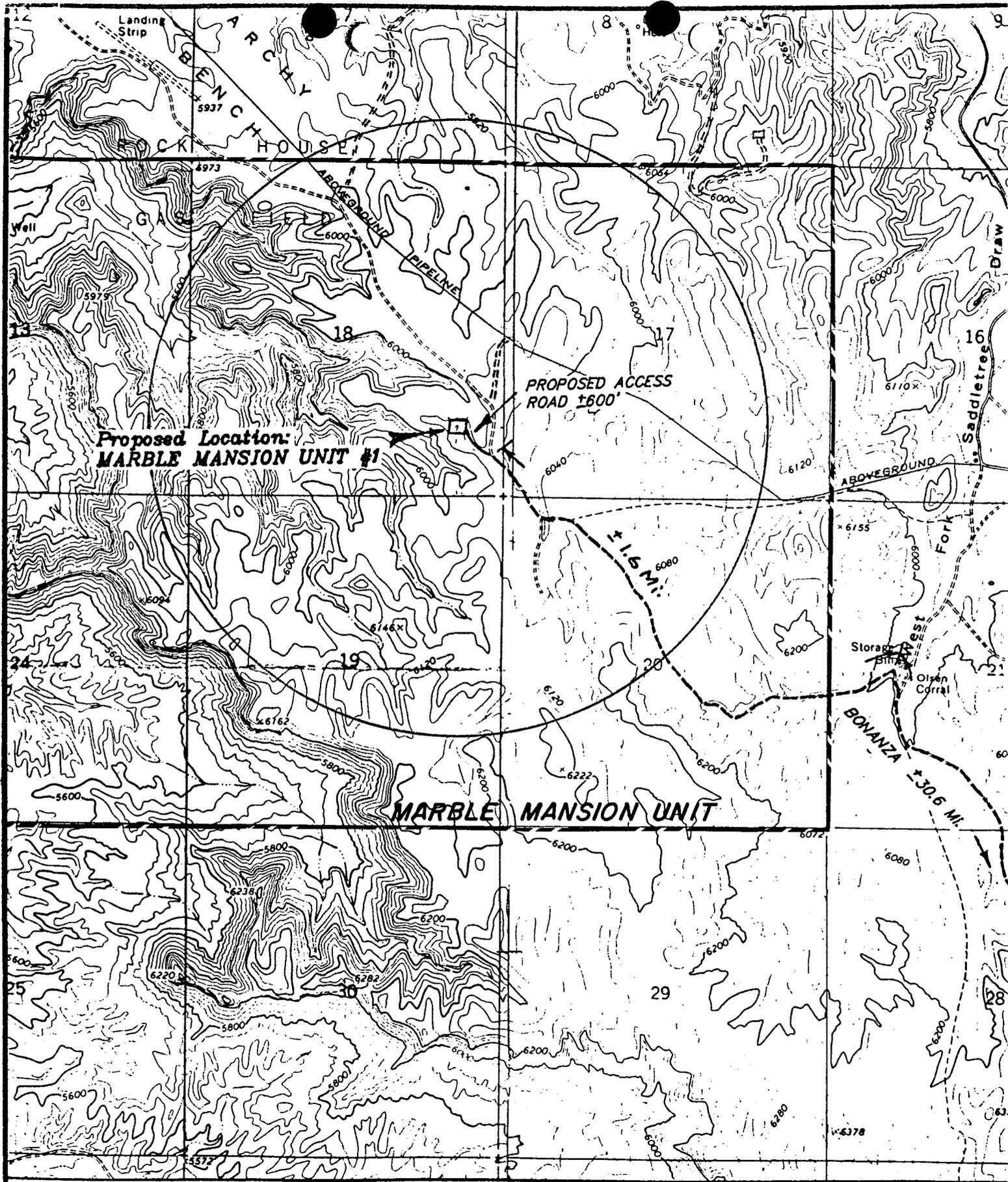


EXHIBIT 3
 EXISTING ROADS
 WITHIN A ONE MILE RADIUS



TXO PRODUCTION CORP.
 MARBLE MANSION UNIT #1
 SECTION 18, T11S, R23E, S.L.B.&M.

R 22 E

R 23 E

2

1

6

5

4

3

SHAMROCK
7 Rockhouse
* 6125

TXO
3 Cracker Fed
*

TXO
1 Unit Fed
*

GEN
LUA

EAST BENCH UNIT

ROCK HOUSE UNIT

TWO WATERS

11

12

7

TXO
4 Cracker Fed.
*

TXO
1 Cracker Fed
* 4122

SHAMROCK
4 Unit
* 6304

10

SHAMROCK
1 Govt
* 6400

TXO
2 Cracker Fed
* 5547

SHAMROCK
1 Unit
* 7384

SHAMROCK
1 Govt
* 5346

14

13

18

17

TXO
Marble Mansion-1
*

SHAMROCK
6 Unit
* 5958

16

SHAMROCK
2 Unit
* 6467

MARBLE MANSION UNIT

1 Mile R

SHAMROCK
11 Unit
* 5276

23

24

19

20

22

SHAMROCK
10 Unit
* 6243

26

25

30

29

28

27

HONOLULU
1 Bitter Crk.
* 7388

35

36

31

32

33

34

2

6

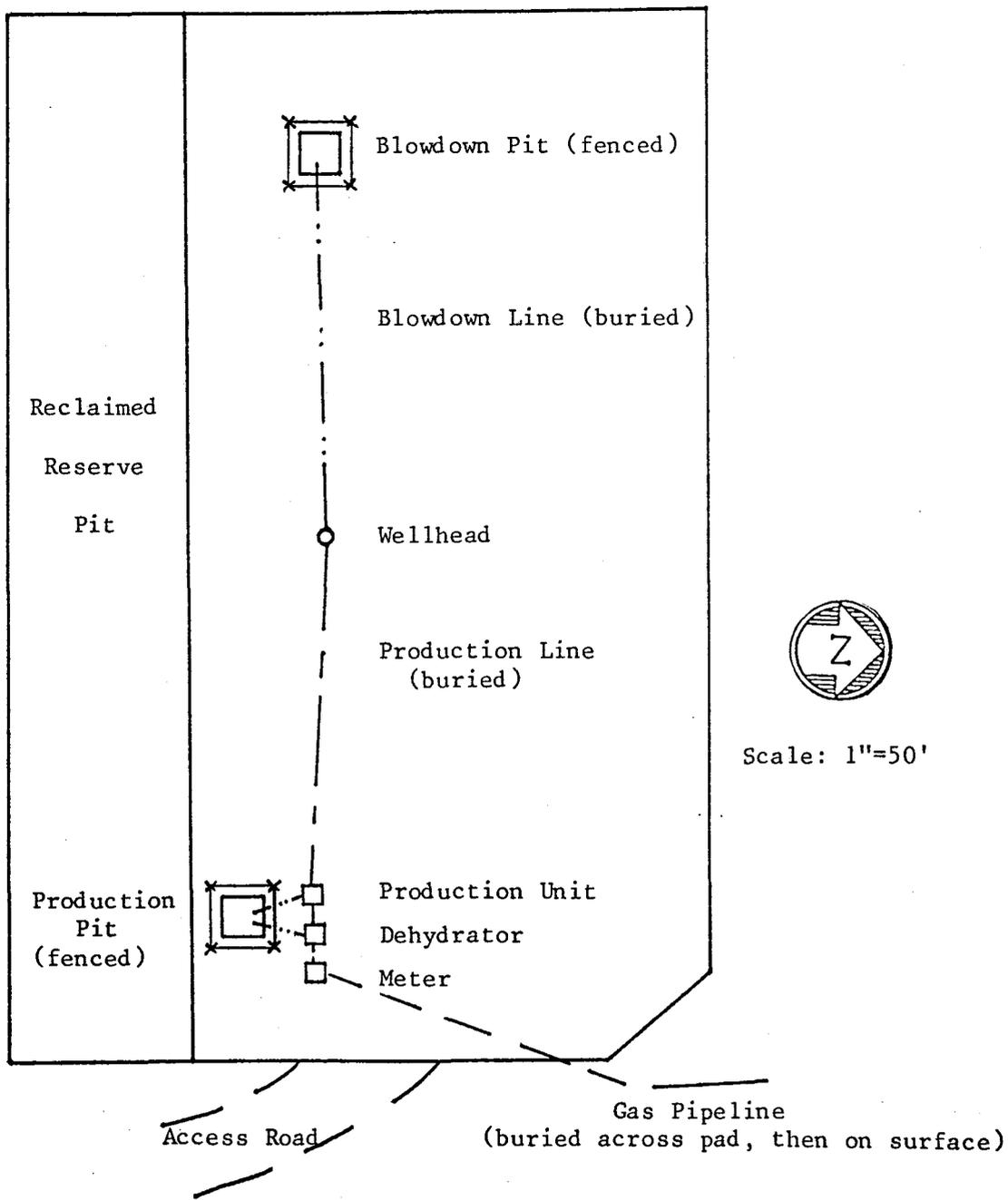
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12

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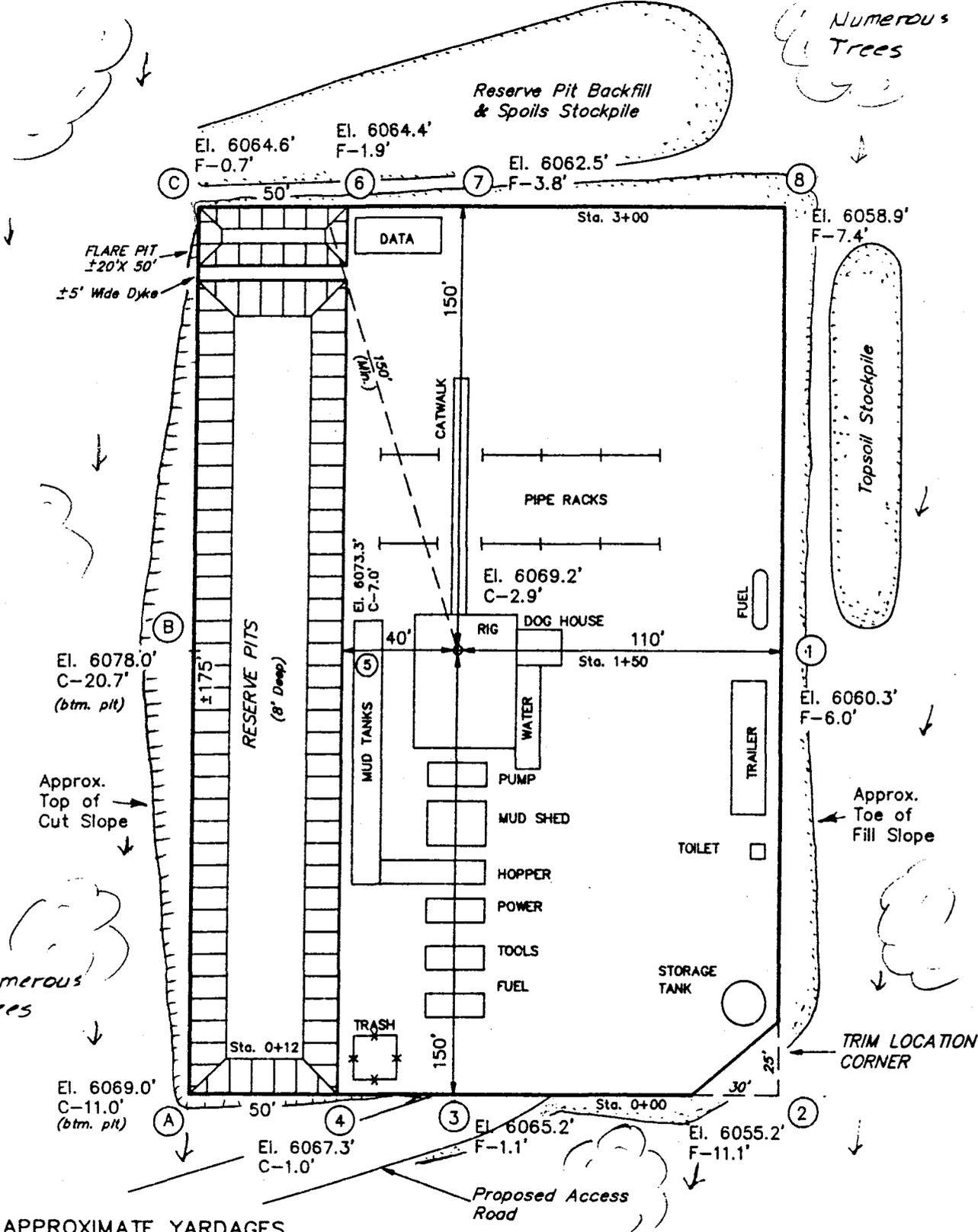
TXO
TXO PRODUCTION CORP.
DENVER DISTRICT
EXHIBIT 5
 Existing Wells Within a One Mile Radius
MARBLE MANSION UNIT #1
Section 18-T11S-R23E
Uintah County, Utah



- 1) Pits will be 10'x10'x6' deep and will be surrounded by fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shutdown system will be installed.
- 5) The separator will be an ASME coded vessel.

Marble Mansion Unit #1
 PRODUCTION FACILITIES
 TXO Production Corp.

EXHIBIT 6



APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,111 Cu. Yds.
 Pit Volume (Below Grade) = 2,960 Cu. Yds.
 Remaining Location = 4,700 Cu. Yds.

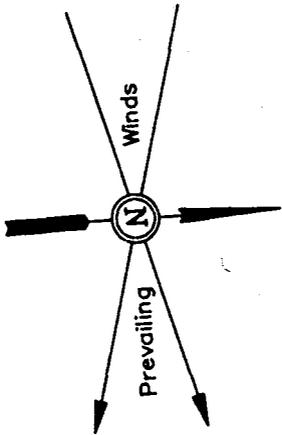
TOTAL CUT = 8,771 CU.YDS.

FILL = 5,856 CU.YDS.

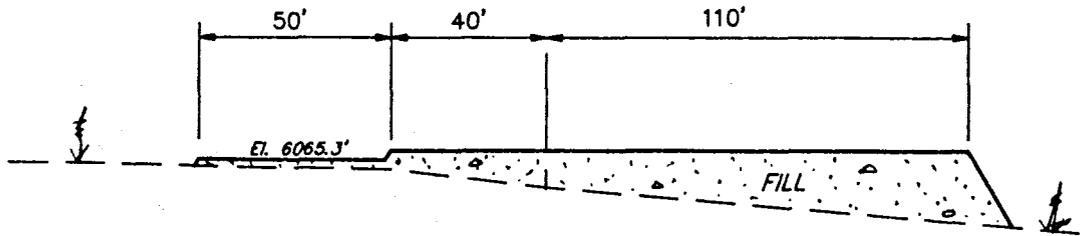
EXCESS MATERIAL AFTER 5% COMPACTION

= 2,607 Cu. Yds.
 Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,591 Cu. Yds.
 EXCESS UNBALANCE (After Rehabilitation) = 16 Cu. Yds.

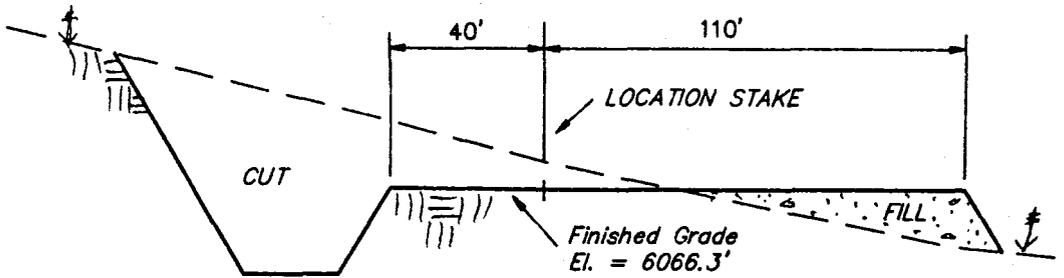
TXO PRODUCTION CORP.
LOCATION LAYOUT FOR
MARBLE MANSION UNIT #1
SECTION 18, T11S, R23E, S.L.B.&M.



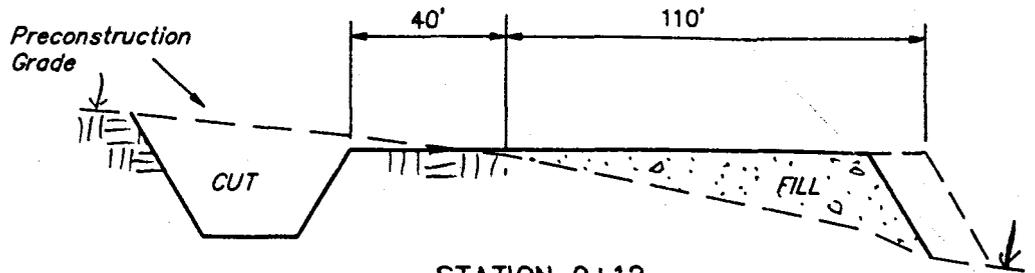
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 DATE: 4-27-89



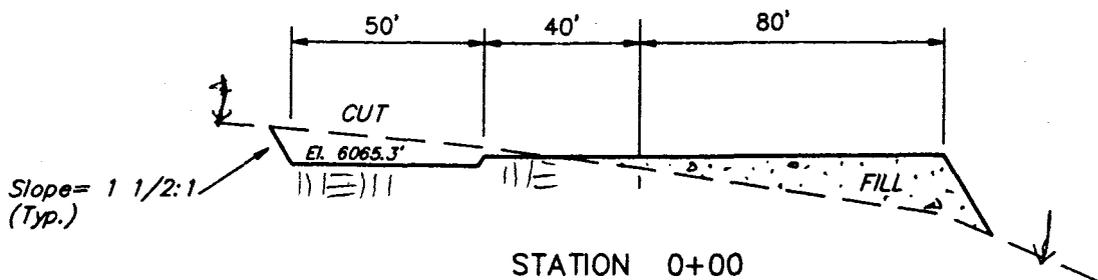
STATION 3+00



STATION 150+00



STATION 0+12



STATION 0+00

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

TYP. LOCATION LAYOUT
 TYP. CROSS SECTIONS

OPERATOR TXO Production Corp. (N1580) DATE 6-5-89

WELL NAME Marble Mansion Unit #1

SEC SESE 18 T 11S R 23E COUNTY Wintah

43-047-31865
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Unit spacing / No other well within 920'

Need Water Permit

Unit approved 5-1-89 / this is the obligation well.

APPROVAL LETTER:

SPACING: R615-2-3 Marble Mansion R615-3-2
UNIT

CAUSE NO. & DATE R615-3-3

STIPULATIONS:

1. Water Permit



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

June 7, 1989

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Gentlemen:

Re: Marble Mansion Unit #1 - SE SE Sec. 18, T. 11S, R. 23E - Uintah County, Utah
1080' FSL, 744' FEL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-047-31865.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

Form 3160-3
(November 1983)
(formerly 2-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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
 TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR
 1800 Lincoln Center Bldg. Denver, CO

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)*
 At surface
 1080' FSL, 744' FEL (SE/SE)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 Same
 Approximately 32 miles southwest of Bonanza, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 approx. 4200'

16. NO. OF ACRES IN LEASE
 603.80

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.
 - -

19. PROPOSED DEPTH
 6500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6069' G.R. 43-047-31865

22. APPROX. DATE WORK WILL START*
 June 20, 1989

RECEIVED
JUN 12 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 U-54201

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 - - -

7. UNIT AGREEMENT NAME
 Marble Mansion

8. FARM OR LEASE NAME
 - - -

9. WELL NO.
 Unit #1

10. FIELD AND POOL, OR WILDCAT
 Marble Mansion

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 18-T11S-R23E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

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"	24.0#	350'	+ 200 sxs
7 7/8"	4 1/2"	11.6#	6500'	+ 450 sxs

- A. Cement will be circulated to the surface.
- B. All casing will be new K-55.

RECEIVED
MAY 1989
12345678910111213141516171819202122232425262728293031

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. E. Wyrdeman TITLE Dist. Drilling & Prod. Mgr. DATE May 11, 1989

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE June 8, 1989

CONDITIONS OF APPROVAL, IF ANY:

47680 9A 20

*See Instructions On Reverse Side

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

Company TXO Production Corporation Well No. Marble Mansion Unit No. 1

Location SE/SE, Sec. 18 T11S R23E Lease No. U-54201

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.

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 Orders 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

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

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

All 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.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present while pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.

Usable water may be encountered from the surface to 300 ft. in the Uinta Formation and from + 703-803 ft., + 970-1203 ft., + 1403-1853 ft., and + 3003-3400 ft. in the Green River formation. The Mahogany oil shale has been identified from + 1450-1530 ft. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. If gilsonite is encountered while drilling, it needs to be isolated and/or protected.

4. 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.

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL), or some other means acceptable to the Authorized Officer, shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

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

6. Notifications of Operations

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

The 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.

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

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

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

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

Pursuant to NTL-2B, with the approval of a 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.

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 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 AO. 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 Orders, 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.

7. Other Information

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 or anchored down 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.

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

There will be no deviation from the proposed drilling and/or 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.

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

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

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

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

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

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

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

Revised October 1, 1985

Date NOS Received _____

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator TXO

Well Name & Number Marble Mansion No. 1

Lease Number U-54201

Location SE ¼ SE ¼ Sec. 18 T. 11 S R. 23 E

Surface Ownership BLM

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

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

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

3. Location of Existing and/or Proposed Facilities

More than one pit for produced water on production facilities must be justified.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five 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.

The required paint color is Desert Tan

4. Methods for Handling Waste Disposal

*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

*Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

5. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The stockpiled topsoil will be stored on the: NW and SE corners of the pad. Brush and trees will be stockpiled in the south.

Access to the well pad will be from the: east

The NE corner of the well pad will be rounded off to avoid fill.

6. Plans for Restoration of Surface

B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, 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. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 120 days from the date of well completion.

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 and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM at the time restoration activities are scheduled to begin.

All seeding will be done from October 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three-quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling, a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by whatever means is practical.

7. Other Additional Information

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Additional Surface Stipulations for BLM Lands:

____ The operator or his contractor shall contact the BLM at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Byron Tolman or Jim Piani.

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

____ Prior to filling the reserve pit with water, BLM will be contacted to inspect the pit.

____ Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without

BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

A firewood permit for six (6) cords is necessary prior to construction of pad. Permit is obtainable at Vernal BLM office. Cost of permit would be \$30.00.

FILING FOR WATER IN THE STATE OF UTAH

Rec. by _____

Fee Rec. _____

Receipt # _____

Microfilmed _____

Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

WATER RIGHT NUMBER: 49 - 1462

APPLICATION NO. T63989

1. PRIORITY OF RIGHT: June 6, 1989

FILING DATE: June 6, 1989

2. OWNER INFORMATION

Name: TXO Production Corp.

Phone: (303) 861-4246

Address: 1800 Lincoln Center Bldg., Denver, CO 80264

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 0.1 cubic feet per second (CFS) or 10.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE ^{Uintah} ~~Unita~~ Basin
which is tributary to Green River

COUNTY: Uintah

POINT(S) OF DIVERSION:

COMMON DESCRIPTION: Bitter Creek

5. NATURE AND PERIOD OF USE

Oil Exploration From June 20 to June 19.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: For drilling oil & gas wells - Marble Mansion Unit #1 and others in uni

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
11 S	22 E	13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11 S	22 E	24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11 S	23 E	17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11 S	23 E	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11 S	23 E	19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11 S	23 E	20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

43-047-31865 - Marble Mansion Unit #1

EXPLANATORY

(OVER)

RECEIVED

JUN 23 1989

DIVISION OF
OIL, GAS & MINING

Appropriate

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 49 - 1462

APPLICATION NO. T63989

1. June 6, 1989 Application received.
 2. June 6, 1989 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated June 23, 1989, subject to prior rights and this application will expire on June 23, 1990.


Robert L. Morgan, P.E.
State Engineer

RECEIVED JUN 20 1989

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

DIVISION OF

NOTE: The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be filed on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is TXO Production Corp.

3. The Post Office address of the applicant is 1800 Lincoln Center Bldg. Denver, CO 80264

4. The quantity of water to be appropriated 0.1 second-feet and/or 10.0 acre-feet

5. The water is to be used for drilling purposes from June 20, 1989 to June 20, 1990

other use period N/A from to

and stored each year (if stored) from to

6. The drainage area to which the direct source of supply belongs is (Leave Blank)

7. The direct source of supply is* White River (Name of stream or other source)

which is tributary to Green River, tributary to

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point* located in the SW/NW Section 20-T10S-R23E or Bitter Creek from a point located in the SE/SE Section 26-T11S-R22E.

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a portable pump and water haul trucks.

10. If water is to be stored, give capacity of reservoir in acre-feet n/a height of dam area inundated in acres legal subdivision of area inundated

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows: n/a

Total Acres

12. Is the land owned by the applicant? Yes No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes No X If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. n/a

15. If application is for mining, the water will be used in n/a Mining District at the mine, where the following ores are mined

16. If application is for stockwatering purposes, number and kind of stock watered n/a

17. If application is for domestic purposes, number of persons n/a, or families

18. If application is for municipal purposes, name of municipality n/a

19. If application is for other uses, include general description of proposed uses for drilling oil & gas wells: Marble Mansion Unit #1 and any others in the Unit.

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. T11S-R22E: Sections 13 & 24; T11S-R23E: Sections 17, 18, 19 & 20.

21. The use of water as set forth in this application will consume 10 acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: 0

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

12. The land at the point of diversion is publicly owned and managed by the BLM. TXO will obtain any necessary permission to enter the subject lands.

Lined area for additional explanatory text.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

C.K. Curlee
Signature of Applicant*
C.K. Curlee for TXO Production Corp.

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of..... } ss

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: TXO Production COMPANY MAN: Wes Sutton
 WELL NAME: Marble Mansion Unit #1 API #: 43-047-31865
 QTR/QTR: SESE SECTION: 18 TWP: 11 South RANGE: 23 East
 CONTRACTOR: Olsen Rig #5 PUSHER/DRLR: Leon Schultz
 INSPECTOR: Carol Kubly DATE: 7/3/89 OPERATIONS: Drilling ahead
 SPUD DATE: 6/21/89 - Benco , 6/29/89 - w/ rig TOTAL DEPTH: 1282'

DRILLING AND COMPLETIONS

Y APD Y WELL SIGN Y BOPE Y RESERVE PIT
Y FLARE PIT n BURN PIT n H2S n BLOOIE LINE
Y SANITATION Y HOUSEKEEPING n VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): _____

PLUGS:	TYPE/SIZE	INTERVAL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: SURFACE: _____ PLATE: _____

RECLAMATION:

CONTOURED: _____ RIPPED: _____ REHAB'D: _____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS Drilling - reserve pit fenced on 3 sides, plastic lined and 1/2 full
of drlg fluids, and leaking badly - blm knows. Everything else ok.

RECEIVED
JUL 17 1989

OPERATOR TXO PRODUCTION CORP.
ADDRESS 1660 Lincoln St., Suite 1800
Denver, CO 80264

OPERATOR ACCT. NO. N 1580

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	CLASSIFICATION OF OIL, GAS & MINING	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
						QQ	SC	TP	RG			COUNTY
A	99999	10997	43-047-31865		Marble Mansion Unit #1	SE/SE	18	11S	23E	Uintah	6-28-89	7-14-89

WELL 1 COMMENTS: TXO Production Corp. spudded the Marble Mansion Unit #1 at approx. 3:30 p.m. on 6-28-89. The spud was made by Benco Well Service who provided an 18" hole to 55'. The rotary contractor, Olsen Drilling Rig #5 then moved in & continued drilling a 12 1/4" hole to 335'. 333.2' of 8 5/8" was set & cemented. Cement did circulate and cementing operations were completed at 9:10 p.m., 6-30-89.

WELL 2 COMMENTS: *Federal Lease
Field - Undesignated
Unit - Marble Mansion* *Proposed Zone - mVRB
(This is the obligation well for Unit, assign new entity 10997 on 7-20-89)
Jck*

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

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

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

Wilfred Cory West
Signature Wilfred Cory West
Petroleum Engineer Title 7/14/89 Date
Phone No. (303) 861-4246

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

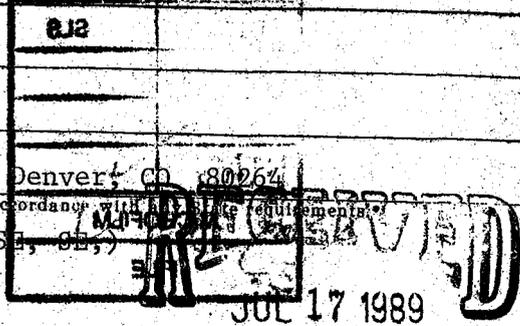
Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

16

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 PERMITS" for such proposals.)

1. OIL WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR TXO Production Corp.	3. ADDRESS OF OPERATOR 1660 Lincoln St., Suite 1800, Denver, CO 80264	4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.) At surface 1080' ESL & 744' FEL (S, E, N, W)	5. LEASE DESIGNATION AND SERIAL NO. H-54201	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME Marble Mansion	8. FARM OR LEASE NAME	9. WELL NO. Unit #1	10. FIELD AND POOL, OR WILDCAT Undesignated	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA Sec 18-T11S-R23E	12. COUNTY OR PARISH Uintah	13. STATE Utah
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14. PERMIT NO. 43-047-31865

15. ELEVATIONS (Show whether DF, RT, OR GR.)
6069' GR, 6083' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Notification of Spud <input checked="" type="checkbox"/>	

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.)

TXO Production Corp. spudded the Marble Mansion Unit #1 at approximately 3:30 p.m. on 6-28-89. The spud was made by Benco Well Service. Benco drilled an 18" hole to 55'. The rotary contractor, Olsen Drilling Rig #5, then moved in and drilled a 12 1/4" hole to 335'. 333.20' of 8 5/8", 24#, K-55, ST&C casing was set and cemented with 300 sxs cement which circulated to surface. Cementing operations was completed at 9:10 p.m., 6-30-89. The spud was reported verbally to the State of Utah and to the BLM in Vernal at approximately 4:00 p.m. on 6-28-89.

7/05/89
Copy list from TXO indicated the above date of spud was when the rotary moved in.
MAS

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

SIGNED Wilfred Cory West TITLE Petroleum Engineer DATE July 14, 1989
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

AUG 26 1989

OIL, GAS & MINING

TXO PRODUCTION CORPORATION

MARBLE MANSION UNIT #1
SE/SE SEC. 18 T11S-R23E
1080 FSL, 744 FEL
UINTAH COUNTY, UTAH

API # 43-047-31865

WELL SUMMARY

OPERATOR: TXO PRODUCTION CORPORATION
WELL: MARBLE MANSION UNIT #1
LOCATION: SE/SE SEC. 18 T11S-R23E
1080 FSL, 744 FEL
COUNTY: UINTAH
STATE: UTAH
ELEVATION: GL 6069', KB 6082'
FIELD: ROCKHOUSE
SPUD DATE: JUNE 28, 1989
T.D. DATE: JULY 19, 1989
RELEASE DATE: JULY 20, 1989
GEOLOGIST: LES DOEHLING
DRILLING FOREMAN: RANDY WALCK
TOOL PUSHER: LEON SCHULTZ
MUD LOGGING: RAVEN RIDGE
DRILLING CONTRACTOR: OLSEN DRILLING, RIG #5
HOLE SIZE: 12 1/2" SURFACE TO 350'
7 7/8 335' TO 6600'
CASING: 8 5/8" SURFACE TO 335'
4 1/2" 335' TO 6600'
GEOPHYSICAL LOGS: HALLIBURTON LOGGING SERVICES
OBJECTIVES: WASATCH, UPPER MESA VERDE
T.D.: 6600'
STATUS: COMPLETION

FORMATION TOPS (Datum -Sea Level)

Formation	Cracker Fed. #1	Cracker Fed. #2	Cracker Fed. #3	Marble Mansion Unit #1
Green River		5066'	5141'	5747'
Wasatch	2312'	2345'	2179'	2394'
Mesa Verde		507'	331'	608'

DEVIATION SURVEYS

<u>DRIFT</u>	<u>DEPTH</u>
1/2°	815'
1 1/4°	1538'
1°	3139'
1 1/4°	3549'
1/4°	4108'
1°	4722'
1°	5520'
3/4°	6182'

GEOLOGIC SUMMARY
AND
ZONES OF INTEREST

TXO Production Corp. began drilling the Marble Mansion Unit #1 well on June 28, 1989. The well is located in the SE/SE of section 18, Township 11 South, Range 23 East, in the Rockhouse Unit of Uintah County, Utah. Raven Ridge Resources began complete geological supervision on July 5th, 1989, at a depth of 3000'.

A total depth of 6600' was reached on July 19, 1989 in the Mesa Verde formation. Open hole logging operations were completed on July 20, 1989 by Halliburton Logging Services.

Green River Formation (335'-3688')

The Eocene Green River Formation consists of non-marine, freshwater shales and carbonates, all interbedded with sandstones deposited in a fluvial-floodplain environment.

The shales consist of varied shades of green, gray, and brown, and are occasionally silty, calcareous, sub-platey to sub-blocky, with occasional oil shows.

The limestones are microcrystalline to cryptocrystalline, cream to tan in color, blocky, and oftentimes oolitic.

The sandstones are light gray to clear, light green, very fine to fine-grained, and calcareous.

The only show noted in the Green River was from the basal limestones from 3554'-3564' with a show of 35 units.

Wasatch Formation (3688'-5474')

The Eocene/Paleocene Wasatch Formation consists of multi-colored shales, siltstones, and claystones, interbedded with very fine to fine-grained fluvial sandstones. These sediments are dominantly of fluvial and lacustrine origin, most likely deposited in a low-lying floodplain.

The potential gas-producing sands within the Wasatch are light gray to white, light green, fine to medium-grained, subangular to subrounded, unconsolidated to poorly cemented, with a calcareous matrix.

The first gas show recorded in the Wasatch occurred at 4104'-4116' with 180 units over a background of 3 units, dropping off to 15

units. The geophysical logs indicated that this sand interval had 35-45 ohms and an average porosity of 12%.

The next show noted was at 4870'-4884' with 205 units over a background of 4 units. The porosity through this interval averaged 14% and the resistivity ranged from 20-30 ohms, as indicated by the logs.

The third good show recorded was from 5098'-5106' with 210 units over a background of 4 units. The logs indicated average porosities of 14% with cross-over, and resistivities of 60 ohms.

The interval with the best production potential occurred at 5204'-5220' with a 410 unit show over 6 units background. Geophysical logs indicated porosities averaging 12-14% with cross-over, and resistivities of 50 ohms.

Mesa Verde Formation (5474'-T.D.)

The upper Cretaceous Mesa Verde Formation consists of a wave-dominated deltaic sediments.

Distributary channel sands present the most potential for commercial of natural gas in the Mesa Verde. These sands were white to clear with some salt and peppered appearance, fine to medium-grained, poorly cemented and usually containing carbonaceous detrital material.

The first major show noted in the Mesa Verde occurred at 5700'-5706' with a 405 units over background. Geophysical logs indicated that this interval has porosities averaging 26% and resistivities of 20-30 Ohms.

The next show recorded was from 6026'-6048' with a 195 unit gas increase. Logs indicated this interval to have porosities averaging only 12% and resistivities of 30-35 ohms.

The third show recorded was from 6174'-6186' with a 700 unit gas increase, and porosities averaging 10-12% and resistivities of 30-35 ohms, as interpreted from the logs.

The fourth show noted in the Mesa Verde was from 6230'-6254' with a 500 units over a background of 63 units. Logs indicated that this interval has porosities averaging 14% and resistivities of 25-30 ohms.

The fifth show recorded was from 6394'-6408' with 570 units over a background of 63 units. The logs indicated this interval to have porosities averaging 16% and resistivities of 22-28 ohms.

The final show noted in the well was recorded from 6454'-6486' with 1200 units over a background of 60 units. The geophysical logs

indicated this interval to have porosities 12% and resistivities
of 30-35 ohms.

SAMPLE DESCRIPTIONS

3000' -3048'	90% SH 10% SS	rdbrn, ltgry, occ slty, frm, sbplty-sbblky, calc qtz, ltgry, wh, vf gr, slty, sbang, m-w cmt, w srt, calc
3048' -3078'	100% SH	rdbrn, gry, ltbrn, ltgry, occ slty, m frm-frm, sbblky, calc
3078' -3106'	100% SH	dkrdbrn, ltgry, sbplty-sbblky, slty ip, frm, calc
3106' -3126'	80% SH 20% SS	dkbrn, ltgry, sbblky, frm, slty ip qtz, ltgry, wh, vf gr, occ slty, w srt, tt, calc
3126' -3152'	80% SH 20% SS	aa aa
3152' -3180'	10% SS 90% SH	qtz, ltgry, ltgn, vf gr, slty, w cmt, w srt, calc dkbrn, ltgry, gry, sbblky, frm, slty ip
3180' -3214'	20% LS 80% SS	offwh, ltbrn, fis-blky, sft-frm, sh ip qtz, wh, ltgry, vf-f gr, sbrnd, occ slty, w srt, w cmt, tt, sl cal
3214' -3254'	80% SH 20% SS	lt-dkbrn, frm, sbplty, sbblky, calc aa
3254' -3286'	50% SH 30% LS 20% SS	dkbrn, ltgry, fis-sbplty, frm, slty ip, abnt min flor offwh, ltbrn, fis-blky, sft-frm, shy ip qtz, ltgry, wh, vf gr, slty ip, w cmt, w srt, calc
3286' -3316'	NO SAMPLE	SHAKER BY PASSED FOR REPAIRS
3316' -3348'	60% SH 30% LS 10% SS	aa aa, dull yel flor, no cut aa

3348'-3380'	80% SH 20% SS	pred lt-mgry, slty, sbplty, sbblky, frm, brit, sl calc qtz, ltgry, clr, f-vf gr, sbang-sbrnd, w cmt, slty, v tt, arg
3380'-3420'	100% SH	ltgn, ltgry, rdbrn, sl slty, sft-frm, sbplty-sbblky, occ calc
3420'-3460'	20% SS 80% SH	qtz, ltgry, wh, ltgn, vf gr, slty, sbang-sbrnd, w srt, w cmt, calc aa
3460'-3488'	40% SS 60% SH	aa ltgry-gry, dkrdrbn, sl slty, m sft-frm, sbplty-sbblky, occ calc
3488'-3498'	100% SH	aa
3498'-3506'	100% SH	gry, ltgry, occ dkrdrbn, sl slty, m sft-frm, sbplty-sbblky
3506'-3518'	100% SH	aa
3518'-3528'	10% SS 90% SH	ltgry, wh, ltgn, vf gr, occ slty, m-w srt, w cmt, calc ltgry, gry, dkrdrbn, sl slty, m sft-frm, sbplty-sbblky, occ calc
3528'-3532'	100% SH	aa, pred gry
3532'-3550'	NO SAMPLE	
3550'-3556'	100% SH	dkbrn, gngry, ltgry, ltbrn, sbplty
3556'-3562'	80% LS 20% SH	crm-buff, crpxl, ool, sbblky ltgry-gry, fis, m frm, sl slty
3562'-3570'	30% LS 70% SH	aa aa
3570'-3578'	70% LS 30% SH	tn-buff, crm, ool, blky, frm, occ ostrhcodh, occ sht lt-mgry, gry-gn, grybrn, slty, sbplty, sl calc
3578'-3588'	100% SH	aa occ rdbrn, occ grad to sltst, occ oic stn

3588'-3598'	70% SH	lt-mgry, grygn, grybrn, slty, fiss-sbblky, calc, frm
	30% SS	ltbrn, wh, vf gr, occ slty, w srt, w cmt, calc, sbang, occ biot
3598'-3610'	100% SH	aa
3610'-3620'	20% SS	qtz, wt, ltgry, vf gr, occ f gr, occ slty, sbang, w srt, w cmt, tt, nsofc
	80% SH	lt-mgry, rdbrn, slty, frm, sbplty-sbblky,
3620'-3630'	100% SH	aa, com ltbrn
3630'-3640'	100% SH	aa, grad to sltst
3640'-3652'	80% SH	ltgry, brngry, gngry, m sft, fis, occ slty
	20% SS	qtz, wh, ltgry, vf-f gr, sbrnd, m srt, m cmt, calc, arg, tt
3652'-3662'	80% SH	aa
	20% SS	aa
3662'-3682'	100% SS	grygn, m-dkbrn, brngry, fis, plty, frm, calc
3682'-3700'	10% SS	qtz, mlky, clr, ltgry, vf gr, slty, m-w cmt, w srt, calc, tt
	90% SH	aa
3700'-3708'	100% SH	lt-mgry, tr rdbrn, occ grad to sltst, fis-plty, hd
3708'-3716'	100% SH	aa
3716'-3732'	100% SH	rdbrn, grygn, occ slty, m frm-frm, sbblky-blky, sl calc
3732'-3738'	100% SH	aa
3738'-3750'	100% SH	aa
3750'-3765'	90% SH	lt-mgry, rdbrn, grygn, occ slty, m frm-frm, sbblky-blky, calc
	10% SS	qtz, ltgry, wh, vf gr, sbang-sbrnd, m-w srt, m cmt, calc
3765'-3772'	90% SH	aa, increasing rdbrn
	10% SS	aa

3772'-3780'	100% SH	aa
3780'-3792'	100% SH	ltgry, mgry, rdbrn, m frm-frm, fis-sbbiky, sl calc
3792'-3798'	100% SH	aa
3798'-3812'	90% SH 10% SS	aa qtz, ltgry, wh, vf gr, occ slty, w srt, m cmt, calc, v tt
3812'-3824'	100% SH	rdbrn, ltgry-gry, ltbrn, fis-sbbiky, m frm, sl calc
3824'-3832'	100% SH	aa, increasing ltgry
3832'-3842'	100% SH	aa, pred fis
3842'-3854'	20% SS 80% SH	ltbrn-rdbrn, vf-f gr, m srt, m cmt, sbang-sbrnd, calc, detr, tt rdbrn, ltgry, gry, slty, sft-m frm, sbply-sbbiky, calc
3854'-3864'	10% SS 90% SH	aa aa
3864'-3872'	100% SH	aa
3872'-3886'	100% SH	rdbrn, gry, grygrn, v slty, sft-frm, sbply-sbbiky, calc
3886'-3892'	100% SH	aa
3892'-3902'	100% SH	aa
3902'-3910'	100% SH	gry-ltgry, rdbrn, slty, sft-frm, fis, sbbiky, calc
3910'-3920'	100% SH	aa, occ yel brn
3920'-3930'	100% SH	rdbrn, gry, ltgry, yel, slty, sft-m frm, sbbiky, calc
3930'-3940'	10% SS 90% SH	qtz, wh, ltgry, clr, vf-f gr, sbang, w-m srt, m cmt, arg, tt aa
3940'-3948'	40% SS 60% SH	qtz, wh, ltgry, clr, f-m gr, sbang, m srt, p cmt, occ uncons, v calc gry, ltgry, rdbrn, m frm-frm, sbbiky, calc

3948'-3954'	30% SS 70% SH	qtz, ltgry, wh, vf-m gr, sbang-sbrnd, w-m srt, m cmt, arg aa
3954'-3964'	10% SS 90% SH	aa ltgry, gry, rdbrn, sft-frm, fis-sbblky, calc
3964'-3984'	100% SH	ltgry, gry, rdbrn, m frm-frm, fis-sbblky, sl calc
3984'-3990'	10% SS 90% SH	qtz, ltgry, wh, yel brn, vf gr, occ slty, sbang, w cmt, calc, tt aa
3990'-4000'	90% SS 10% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m-w srt, p cmt-uncons, v calc, m vis por aa
4000'-4020'	100% SH	rdbrn, gry, frm, sbblky, com slty
4020'-4030'	100% SH	aa
4030'-4040'	70% SS 30% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, p cmt, arg, calc rdbrn, gry, m sft-m frm, sbblky, com slty
4040'-4046'	100% SH	aa, occ fis
4046'-4056'	10% SS 90% SH	qtz, ltgry, wh, vf-m gr, sbang-sbrnd, m srt, p cmt, arg, calc ltgry, rdbrn, m frm-frm, sbblky, com slty, occ fis
4056'-4066'	40% SS 60% SH	aa aa
4066'-4086'	20% SS 80% SH	qtz, ltgry, wh, vf-f gr, sbang-sbrnd, m srt, p-m cmt, arg, calc aa
4086'-4108'	40% SS 60% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, w-m srt, p cmt-uncons, calc ltgry, gry, rdbrn, m frm-frm, fis-sbblky, slty
4108'-4116'	30% SS 70% SH	aa, occ vf gr aa

4116'-4130'	30% SS 70% SH	aa aa
4130'-4138'	100% SH	rdbrn, ltgry, gry, sft-frm, fis-sbblky, slty, carb
4138'-4148'	60% SS 40% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, p cmt-uncons, calc, m por aa
4148'-4154'	60% SS 40% SH	aa aa
4154'-4164'	50% SS 50% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, p cmt-uncons, calc, m por aa
4164'-4176'	60% SS 40% SH	aa aa
4176'-4186'	30% SS 70% SH	ltgry, yelbrn, wh, rr clr, vf-m gr, sbang-sbrnd, m srt, uncons, calc, p por qtz, ltgry, gry, rdbrn, sbblky, m frm-frm, slty, calc, dtrl
4186'-4200'	30% SS 70% SH	aa aa
4200'-4210'	40% SS 60% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, uncons, calc aa
4210'-4218'	80% SS 20% SH	aa aa
4218'-4230'	100% SH	gry, ltgry, rdbrn, sft-m frm, fis-sbblky, calc
4230'-4240'	90% SH 10% SS	aa qtz, ltgry, wh, vf-f gr, sbang, m srt, p cmt, calc, arg
4240'-4252'	90% SH 10% SS	aa aa, pred vf gr
4252'-4260'	90% SH 10% SS	aa aa

4260' -4270'	30% SS	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, p cmt-uncons, calc, m por
	70% SH	ltgry-gry, rdbrn, m frm, sbblky, slty, calc
4270' -4282'	100% SH	aa
4282' -4290'	100% SH	aa, occ fis
4290' -4302'	10% SS	lith, wh, ltgry, vf gr, slty, m cmt, calc, w srt, arg
	90% SH	rdbrn, gry-ltgry, fis-sbblky, m sft-frm, calc
4302' -4310'	100% SH	aa
4310' -4322'	100% SH	aa
4322' -4330'	100% SH	aa, occ slty-v slty
4330' -4340'	10% SS	lith, wh, ltgry, vf gr, slty, m cmt, calc, w srt, arg
	90% SH	rdbrn, gry, ltgry, sbblky, m frm, calc
4340' -4352'	100% SH	aa
4352' -4360'	20% SS	aa
	80% SH	ltgry-gry, rdbrn, sbblky, m frm-frm, calc
4360' -4372'	10% SS	aa, occ ltgry
	90% SH	aa
4372' -4380'	100% SH	rdbrn, ltgry-gry, fis-sbblky, frm, slty, calc
4380' -4390'	10% SS	qtz, ltgry, wh, vf gr, occ slty, sbang, m-w srt, m cmt, calc, arg, tt
	90% SH	ltgry-gry, rdbrn, fis-sbblky, m frm, slty, calc
4390' -4412'	10% SS	aa
	90% SH	aa
4412' -4422'	20% SS	ltgry, ltgn, vf gr, w srt, w cmt, calc
	80% SH	rdbrn, ltgry-gry, slty, m frm-frm, sbblky, calc

4422'-4432'	20% SS 80% SH	aa, occ m gr aa
4432'-4442'	10% SS 90% SH	aa aa
4442'-4452'	100% SH	rdbrn, ltgry-gry, sl slty, m frm-frm, calc
4452'-4462'	10% SS 90% SH	qtz, ltgry, vf-f gr, sbang, m cmt, arg, m srt, dtrl, calc, tt ltgry-gry, m frm-frm, sbblky, slty, calc
4462'-4472'	100% SH	aa, sl slty
4472'-4482'	10% SS 90% SH	ltgry, vf-f gr, sbang, m cmt, arg, m srt, dtrl, calc, tt aa
4482'-4492'	100% SH	rdbrn, ltgry, gry, m frm-frm, sbblky-fis, calc
4492'-4504'	10% SS 90% SH	qtz, ltgry, f gr, sbang-sbrnd, m cmt, arg, m srt, dtrl, tt aa
4504'-4512'	40% SS 60% SH	ltgry, wh, clr, f-m gr, sbang, m srt, p cmt, calc, dtrl, tt rdbrn, ltgry, gry, m frm-frm, sbblky, fis, calc
4512'-4522'	10% SS 90% SH	aa aa
4522'-4532'	40% SS 60% SH	qtz, ltgry, ltgn, vf-f gr, sbang-sbrnd, m-w srt, calc ltgry, rdbrn, slty, m frm-frm, sbblky, calc
4532'-4542'	100% SH	aa
4542'-4552'	40% SS 60% SH	qtz, ltgry, wh, clr, vf-f gr, sbang-sbrnd, m-w srt, p cmt, calc, dtrl rdbrn, ltgry, slty, m frm, frm, sbplty-sbblky, calc
4552'-4564'	30% SS 70% SH	aa aa

4564'-4574'	20% SS 80% SH	aa aa
4574'-4582'	20% SS 80% SH	ltgry, wh, vf-f gr, sbang-sbrnd, m-w srt, p cmt, calc, dtrl gry-ltgry, rdbrn, slty, m frm-frm, sbblky, calc
4582'-4596'	40% SS 60% SH	aa, increasing f gr, m vis por aa
4596'-4604'	100% SH	rdbrn, ltgry-gry, slty, sbblky, calc
4604'-4614'	100% SH	aa
4614'-4622'	20% SS 80% SH	qtz, ltgry, wh, vf gr, sbang, sbrnd, w srt, occ slty, m cmt, calc, tt, arg aa
4622'-4632'	20% SS 80% SH	aa aa
4632'-4642'	40% SS 60% SH	qtz, ltgry, wh, clr, vf-f gr, sbang- sbrnd, m-w srt, m cmt, calc rdbrn, ltgry, slty, sbblky, calc
4642'-4650'	10% SS 90% SH	aa, pred f gr rdbrn, ltgry, gry, slty, m frm, sbplty-sbblky, calc
4650'-4656'	100% SH	aa, occ splntry
4656'-4672'	100% SH	aa
4672'-4678'	100% SH	aa
4678'-4692'	100% SH	ltgry-gry, rdbrn, ltbrn, slty, m frm-frm, sbplty-sbblky, calc
4692'-4702'	100% SH	aa
4702'-4714'	10% SS 90% SH	qtz, ltgry, wh, ltgn, vf-f gr, sbrnd, m-w srt, m cmt, v calc, arg aa
4714'-4722'	100% SH	rdbrn, ltgry-gry, m frm-frm, slty, sbblky, calc
4722'-4734'	100% SH	aa, occ v slty & ltgn

4734'-4742'	100% SH	aa
4742'-4752'	10% SS 90% SH	qtz, wh, clr, vf-f gr, sbang-sbrnd, occ slty, m cmt, v calc, v tt & arg rdbrn, ltgry, m frm-frm, slty, sbplty-sbblky, calc
4752'-4762'	100% SH	aa
4762'-4772'	100% SH	aa
4772'-4784'	100% SH	rdbrn, ltgry, m sft-m frm, slty, fis-sbblky
4784'-4794'	30% SS 70% SH	qtz, wh, ltgry, clr, vf-f gr, sbang-sbrnd, m cmt, calc, arg aa
4794'-4802'	100% SH	aa, occ v slty
4802'-4812'	100% SH	aa
4812'-4816'	100% SH	aa
4816'-4840'	20% SH 80% SS	increasing rdbrn qtz, ltgry, wh, clr, f-m gr, sbang, sbrnd, m-w srt, p cmt, arg, tt
4840'-4850'	100% SH	rdbrn, ltgry, grybrn, m frm, slty, fis-sbblky
4850'-4860'	100% SH	aa
4860'-4870'	10% SS 90% SH	qtz, ltgry, wh, vf gr-slty, w srt, m cmt, calc aa
4870'-4874'	100% SH	ltgry, rdbrn, m frm-frm, slty, fis-sbblky
4874'-4890'	30% SS 70% SH	qtz, ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, p cmt, occ uncons, m vis por, dtrl aa
4890'-4902'	10% SS 90% SH	lith, ltgry, wh, ltbrn, vf gr-slty, w srt, p-m cmt, calc, arg rdbrn, ltgry-gry, m frm-frm, sbplty-sbblky

4902'-4912'	10% SS 90% SH	aa, vf-f gr, dtrl aa
4912'-4922'	100% SH	aa, calc
4922'-4932'	100% SH	ltgry-gry, v gt, arg, m frm-frm, pty-blky, sl calc
4932'-4942'	100% SH	aa, grad to sltst
4942'-4952'	10% SS 90% SH	qtz, ltgry, wh, clr, f-m gr, sbang- sbrnd, w srt, p cmt, arg rdbrn, ltgry, gry, m frm-frm, sbpty-sbblky, sl calc
4952'-4962'	100% SH	aa, fis-sbblky
4962'-4972'	100% SH	aa
4972'-4980'	100% SH	aa
4980'-5000'	90% SH 10% SS	ltgry, rdbrn, gry, m sft-frm, pty- sbblky, occ grad to sltst ltgry, wh, vf gr-slty, w srt, m- w cmt, calc, tt, arg
5000'-5020'	90% SH 10% SS	aa aa
5020'-5030'	100% SH	aa
5030'-5040'	100% SH	ltgry, grybrn, rdbrn, m sft-frm, pty-sbblky, v ft, slty, calc
5040'-5048'	100% SH	rdbrn, ltgry, gry, m frm-frm, sbpty-sbblky, slty, calc
5048'-5062'	100% SH	aa
5062'-5070'	100% SH	aa
5070'-5080'	100% SH	rdbrn, ltgry, grybrn, frm, sbpty- sbblky, slty, occ v slty, calc
5080'-5090'	10% SS 90% SH	qtz, wh, ltgry, ltbrn, vf-f gr, occ slty, sbang-sbrnd, m-w srt, p cmt, calc aa
5090'-5094'	10% SS 90% SH	aa aa

5094'-5110'	60% SS 40% SH	qtz, ltgry, wh, vf-f gr, sbang-sbrnd, m-w srt, p cmt, calc ltgry-gry, rdbrn, m sft-frm, plty-sbblky, slty, calc
5110'-5122'	100% SH	rdbrn, ltgry, m frm-frm, sbplty-sbblky, slty, calc
5122'-5132'	100% SH	aa, occ v slty
5132'-5148'	10% SS 90% SH	qtz, wh, ltgry, vf gr-slty, w srt, m cmt, calc, arg aa
5148'-5160'	10% SS 90% SH	aa rdbrn, ltgry, yelbrn, m sft-frm, sbplty-sbblky, slty-v slty, calc
5160'-5170'	10% SS 90% SH	ltgry, wh, clr, f-m gr, sbang-sbrnd, m srt, m-p cmt, calc, dtrl aa
5170'-5178'	20% SS 80% SH	lith, ltgry, wh, vf-f gr, w srt, m cmt, calc, arg rdbrn, ltgry-gry, m sft-frm, sbplty-sbblky, v slty, calc
5178'-5192'	60% SS 40% SH	qtz, ltgry, wh, vf gr, w srt, m cmt, calc, v arg, v tt aa
5192'-5202'	20% SS 80% SH	qtz, ltgry, wh, clr, vf-m gr, m-w srt, p-m cmt, calc, dtrl, arg, tt-m vis por rdbrn, gry, grygn, slty, sbplty-sbblky, calc
5202'-5210'	100% SH	aa
5210'-5218'	50% SS 50% SH	qtz, ltgry, wh, clr, vf-m gr, sbang-sbrnd, p cmt, calc rdbrn, ltgn, ltgry, slty, m frm-frm, sbplty-sbblky, occ calc
5218'-5230'	20% SS 80% SH	aa aa
5230'-5240'	40% SS 60% SH	qtz, wh, ltgry, clr, vf-f g, sbang-sbrnd, w srt, p cmt, calc, m vis por rdbrn, ltgry, gnbrn, m sft-frm, sbblky

5240' -5250'	30% SS 70% SH	aa aa
5250' -5260'	10% SS 90% SH	qtz, wh, ltgry, ltgn, vf-f gr, sbang-sbrnd, m srt, arg, calc, tt gry, ltgry, rdbrn, m sft-frm, sbblky, slty-v slty, calc
5260' -5268'	20% SS 80% SH	aa, dtrl aa
5268' -5280'	30% SS 70% SH	qtz, ltgry, wh, gry, clr, vf-f gr, occ slty, sbang-sbrnd, m srt, sl arg-v arg, calc aa
5280' -5290'	100% SH	dkrd, ltgn, ltgry, occ v slty, sft- frm, sbplty-sbblky, occ calc, pyr
5290' -5300'	100% SH	aa
5300' -5314'	10% SS 90% SH	qtz, gry, ltgry, wh, vf-f gr, occ slty, sbang-sbrnd, m-w srt, calc, arg, tt ltgry, gry, rdbrn, m frm-frm, slty, sbplty-sbblky, calc
5314' -5320'	100% SH	aa, occ ltyelbrn
5320' -5326'	100% SH	rdbrn, ltgry, gry, brn, ltbrn, slty, m frm-frm, sbplty-sbblky, calc
5326' -5340'	100% SH	aa
5340' -5350'	10% SS 90% SH	qtz, ltgry, wh, vf gr-slty, w srt, p cmt, calc, arg, tt aa
5350' -5360'	10% SS 90% SH	lith, ltgry, vf gr-slty, w srt, p cmt, calc rdbrn, ltgry, gry, ltyelbrn, m sft- frm, slty, sbplty-sbblky, calc
5360' -5370'	40% SS 60% SH	qtz, ltgry, wh, clr, vf-m gr, sbang- sbrnd, p cmt, occ uncons, calc, pred arg aa
5370' -5380'	100% SH	aa

5380' -5390'	10% SS	qtz, ltgry, vf gr, slty, w srt, m cmt, calc, arg
	90% SH	aa, v slty
5390' -5400'	100% SH	aa
5400' -5410'	10% SS	lith, ltgry, wh, vf gr, slty, w srt, m cmt, calc, arg
	90% SH	ltgry, gry, grybrn, rdbrn, m frm-frm, sbblky, calc
5410' -5420'	100% SH	aa
5420' -5430'	30% SS	qtz, ltgry, wh, vf gr, w srt, p-m cmt, calc, dtrl
	70% SH	aa
5430' -5440'	20% SS	qtz, ltgry, wh, clr, vf-f gr, sbang-sbrnd, m srt, p-m cmt, arg, calc, dtrl
	80% SH	gry, ltgry, grybrn, rdbrn, m sft-frm, plty-sbblky, calc, slty
5440' -5452'	100% SH	aa, occ v slty
5452' -5482'	100% SH	gry-ltgry, rdbrn, yelbrn, arg-slty, fis-blky, frm, calc
5482' -5492'	100% SH	aa, grad to sltst ip
5492' -5500'	100% SH	aa
5500' -5510'	100% SH	ltgry, gry, rdbrn, ltbrn, slty, fis-sbblky, frm calc
5510' -5526'	100% SH	aa
5526' -5536'	100% SH	aa, occ grad to sltst
5536' -5540'	20% SS	qtz, ltgry, wh, vf gr-slty, m-w srt, p-m cmt, calc, arg
	80% SH	100% sh, aa
5540' -5552'	100% SH	gry-dkgry, rdbrn, occ gn, sl slty, m frm-frm, sbplty-sbblky
5552' -5560'	100% SH	aa
5560' -5570'	100% SH	aa
5570' -5580'	100% SH	aa

5580'-5590'	20% SS	ltgry, ltgn, vf-f gr, sbang-sbrnd, m cmt, calc
	80% SH	dkgry, gry, rdbrn, occ gn, sl slty, m frm-v frm, sbplty-sbblky
5590'-5598'	10% SS	aa, occ wh & s&p
	90% SH	aa
5598'-5614'	100% SH	ltgry-gry, rdbrn, sbblky, m frm-frm, slty, sl calc
5614'-5622'	100% SH	aa
5622'-5630'	30% SS	qtz, ltgry, wh, com s&p, vf-f gr, m srt, p-m cmt, calc
	70% SH	rdbrn, gry, ltgry, sbblky, m frm-v frm, slty, sl calc
5630'-5642'	30% SS	aa
	70% SH	aa
5642'-5658'	50% SS	qtz, ltgry, wh, clr, s&p, f-m gr, sbang-sbrnd, m srt, p cmt, tt-m vis por
	50% SH	rdbrn, ltgry-gry, sbplty-sbblky, slty, frm
5658'-5668'	20% SS	aa
	80% SH	aa
5668'-5676'	100% SH	rdbrn, gry, ltgry, sbblky, slty, m frm-frm
5676'-5684'	100% SH	aa
5684'-5690'	40% SS	qtz, wh, ltgry, clr, s&p, f-m gr, sbang-sbrnd, m srt, p cmt, calc, m vis por
	60% SH	aa
5690'-5710'	20% SS	aa, occ yel
	80% SH	aa
5710'-5720'	10% SS	aa
	90% SH	ltgry, rdbrn, gry, slty, sbplty-sbblky, m frm-frm
5720'-5730'	100% SH	aa
5730'-5742'	100% SH	aa

5742' -5750'	20% SS	qtz, ltgry, ltbrn, clr, vf-f gr, m-w srt, p cmt, calc, arg
	80% SH	aa
5750' -5760'	10% SS	aa
	90% SH	dkgry-gry, rdbrn, frm, sbblky, slty, carb
5760' -5770'	30% SS	qtz, ltgry, wh, s&p, f-m gr, sbang-sbrnd, m srt, p cmt, calc, arg
	70% SH	aa
5770' -5778'	40% SS	qtz, ltgry, wh, vf-f gr, sbang-sbrnd, m-w srt, p cmt, calc, arg, tt
	60% SH	aa
5778' -5784'	40% SS	aa
	60% SH	aa
5784' -5800'	20% SS	qtz, ltgry, wh, clr, vf-f gr, sbang-sbrnd, m srt, p cmt, calc, arg
	80% SH	dkgry-gry, brn, rdbrn, slty, sbblky, frm-v frm
5800' -5810'	10% SS	qtz, ltgry, wh, vf-f gr, occ slty, sbang-sbrnd, m srt, p cmt, calc, arg
	90% SH	aa
5810' -5820'	10% SS	aa
	90% SH	aa
5820' -5832'	10% SS	aa
	90% SH	gry-ltgry, dkgry, rdbrn, slty, fis-sbblky, m frm-frm, calc
5832' -5840'	20% SS	qtz, ltgry, wh, s&p, vf gr, f gr, occ slty, sbang-sbrnd, m srt, p-m cmt, calc, arg, occ v arg
	80% SH	aa
5840' -5852'	90% SH	dkgry, gry, rdbrn, gngry, slty, sbplty-sbblky, frm, calc
	10% SS	aa
5852' -5860'	20% SS	aa, occ dtrl
	80% SH	aa, occ ltbrn

5860' - 5870'	20% SS 80% SH	aa aa
5870' - 5880'	20% SS 80% SH	qtz, ltgry, ltgrybrn, wh, s&p, vf gr-f gr, sbang-sbrnd, m srt, p cmt, calc, arg aa
5880' - 5890'	20% SS 80% SH	aa aa
5890' - 5902'	10% SS 90% SH	qtz, wh, ltgry, ltbrn, vf-f gr, sbang-sbrnd, m-w srt, calc, sl s&p ltgry-gry, grybrn, rdbrn, m frm- frm, slty, sbplty-sbblky
5902' - 5910'	10% SS 90% SH	aa aa
5910' - 5918'	20% SS 80% SH	qtz, wh, ltbrn, ltgry, vf-f gr, sbang-sbrnd, m srt, calc, arg gry, ltgry, rdbrn, m frm-frm, sl slty, sbblky, calc
5918' - 5930'	20% SS 80% SH	aa aa
5930' - 5938'	10% SS 90% SH	qtz, wh, ltbrn, ltgry, s&p, vf-f gr, sbrnd, m srt, calc, arg aa
5938' - 5948'	20% SS 80% SH	qtz, grybrn, wh, s&p, vf-f gr, sbrnd, m srt, calc, dtrl, arg ltgry-gry, rdbrn, ltbrn, frm, sbblky, slty
5948' - 5964'	40% SS 60% SH	qtz, ltgry, wh, s&p, vf-f gr, sbrnd, m-w srt, m cmt, calc, arg aa
5964' - 5974'	20% SS 80% SH	aa aa
5974' - 5990'	20% SS 80% SH	qtz, ltgry, grybrn, s&p, vf-f gr, sbrnd, m-w srt, m cmt, calc, arg, tt gry-ltgry, rdbrn, ltbrn, frm, sbplty-sbblky, sl slty, calc
5990' - 5996'	40% SS 60% SH	aa, calc aa

5996'-6004'	20% SS 80% SH	aa aa
6004'-6018'	10% SS 90% SH	aa ltgry-gry, rdbrn, occ dkbrn, frm, sbplty-sbbiky, sl calc
6018'-6024'	100% SH	aa
6024'-6034'	10% SS 90% SH	lith, ltgry, wh, vf gr, occ slty, w srt, m cmt, calc aa
6034'-6052'	10% SS 90% SH	qtz, wh, ltgry, ltbrn, vf-f gr, sbang-sbrnd, m cmt, calc, m srt, arg dkgry-ltgry, grybrn, rdbrn, m frm- frm, sbplty-sbbiky, sl calc
6052'-6060'	10% SS 90% SH	aa aa
6060'-6070'	30% SS 70% SH	qtz, ltgry, wh, s&p, vf-f gr, sbang- sbrnd, m srt, m-p cmt, calc, arg aa
6070'-6080'	20% SS 80% SH	aa, pred vf gr aa
6080'-6090'	30% SS 70% SH	qtz, wh, ltgry, s&p, vf-f gr, sbang- sbrnd, m srt, m cmt, v calc, arg, tt ltgry-gry, ltbrn, rdbrn, m frm- frm, sbplty-sbbiky, sl calc
6090'-6100'	20% SS 80% SH	lith, ltgry, grybrn, wh, vf gr-f gr, occ slty, sbang-sbrnd, m cmt, calc aa
6100'-6112'	20% SS 80% SH	aa aa
6112'-6122'	20% SS 80% SH	aa aa
6122'-6130'	10% SS 90% SH	qtz, ltgry, wh, sl s&p, vf-f gr, sbang-sbrnd, m cmt, v calc, v arg, tt grybrn, ltgry, rdbrn, v slty, m frm, sbplty-sbbiky, sl calc

6130'-6140'	20% SS 80% SH	aa aa
6140'-6150'	100% SH	gry-dkgry, ltgry, rdbrn, slty, m frm-frm, sbplty-sbblky, calc
6150'-6160'	100% SH	aa
6160'-6168'	10% SS 90% SH	qtz, ltgry, wh, s&p, vf-f gr, sbrnd, m srt, p cmt, calc, arg, tt dkgry-gry, ltgry, rdbrn, slty-v slty, m frm-frm, sbplty-sbblky, calc
6168'-6182'	20% SS 80% SH	qtz, wh, ltgry, s&p, vf gr-f gr, sbang-sbrnd, m srt, p cmt, arg, calc aa
6182'-6190'	30% SS 70% SH	aa aa
6190'-6200'	20% SS 80% SH	aa aa
6200'-6210'	40% SS 60% SH	qtz, wh, ltgry, s&p, vf-f gr, sbang- sbrnd, m srt, p cmt, dtrl, v calc, m vis por ltgry, grygn, dkgry, rdbrn, slty- v slty, fis-sbblky, calc
6210'-6216'	40% SS 60% SH	aa aa
6216'-6220'	40% SS 60% SH	qtz, ltgry, wh, clr, s&p, vf-f gr, sbang-sbrnd, m srt, p cmt, occ uncons, dtrl, v calc, m-g vis por aa
6220'-6226'	20% SS 80% SH	aa aa
6226'-6240'	40% SS 60% SH	qtz, wh, s&p, vf-m gr, sbang-sbrnd, m srt, p cmt, occ uncons, v calc, arg ltgry, dkgry, brn, rdbrn, m frm- frm, slty, fis-sbblky
6240'-6260'	10% SS 90% SH	aa aa

6260'-6270'	20% SS 80% SH	wh, ltgry, s&p, vf-f gr, sbang-sbrnd, m srt, p cmt, v calc, arg ltgry-gry, ltbrn, rdbrn, m frm-frm, slty, sbplty-sbblky, calc
6270'-6278'	100% SH	aa
6278'-6290'	100% SH	aa, occ ltgn
6290'-6296'	20% SS 80% SH	wh, ltgry, s&p, clr, vf-f gr, sbang-sbrnd, m srt, p cmt, v calc, arg dkgrgy, ltgry, ltbrn, rdbrn, m frm-frm, slty, sbplty-sbblky, calc
6296'-6306'	100% SH	aa
6306'-6320'	100% SH	aa
6320'-6330'	10% SS 90% SH	wh, ltgry, s&p, vf-f gr, sbang, sbrnd, m srt, p cmt, v calc, arg ltgry, gry, ltgrygn, slty, m frm-v frm, fis-sbblky, calc
6330'-6344'	10% SS 90% SH	aa aa
6344'-6350'	100% SH	dkgrgy-ltgry, brn, slty, m frm-v frm, fis-sbblky, calc, arg
6350'-6360'	10% SS 90% SH	qtz, wh, ltgry, vf-f gr, sbang-sbrnd, m-w srt, p-m cmt, calc aa
6360'-6370'	100% SH	aa, v slty
6370'-6380'	20% SS 80% SH	qtz, wh, vf gr-slty, w srt, p-m cmt, calc, arg, tt lt-dkgrgy, slty, m frm-v frm, sbplty-sbblky, calc, arg
6380'-6386'	20% SS 80% SH	aa aa
6386'-6410'	20% SS 80% SH	qtz, wh, ltgn, ltgry, vf-f gr, sbang-sbrnd, m srt, p cmt, calc, arg, m vis por aa

6410'-6420'	40% SS 60% SH	qtz, wh, s&p, vf-f gr, sbang-sbrnd, m srt, p cmt-uncons, v calc, sl arg dkgry-ltgry, ltrbrn, rdbrn, m frm-frm, sbplty-sbblky, calc
6420'-6430'	30% SS 70% SH	aa aa
6430'-6440'	40% SS 60% SH	qtz, wh, mky, sl s&p, vf-f gr, sbang-sbrnd, p cmt, calc, arg lt-dkgry, grybrn, rdbrn, m sft-frm, sbplty-sbblky
6440'-6446'	100% SH	aa
6446'-6452'	10% SS 90% SH	qtz, wh, ltgry, s&p, vf-m gr, sbang-sbrnd, m srt, p cmt, calc, m vis por dkgry-ltgry, grybrn, rdbrn, m frm-v frm, sbplty-sbblky
6452'-6460'	40% SS 60% SH	qtz, wh, ltgry, s&p, f gr, sbang-sbrnd, m-w srt, p cmt, calc, arg aa
6460'-6494'	40% SS 60% SH	aa aa
6494'-6500'	30% SS 70% SH	aa, f-m gr, g vis por dkgry-ltgry, grybrn, rdbrn, m frm-fm, slty-v slty, sbblky-sbplty, calc
6500'-6508'	100% SH	ltgry-gry, rdbrn, m frm-hd, slty, sbplty-sbblky, calc
6508'-6516'	100% SH	aa
6516'-6524'	20% SS 80% SH	qtz, wh, s&p, f-m gr, sbang-sbrnd, m srt, p cmt, calc, arg dkgry-ltgry, ltrdbrn-rdbrn, m frm-hd, slty, sbplty-sbblky, calc
6524'-6540'	40% SS 60% SH	aa aa
6540'-6550'	40% SS 60% SH	aa aa

6550'-6558'	40% SS	qtz, wh, s&p, f-m gr, sbang-sbrnd,
	60% SH	m srt, p cmt, calc, arg dkgry-ltgry, ltbrn, rdbrn, m frm- frm, slty, sbplty-sbblky
6558'-6562'	40% SS	aa
	60% SH	ltgry, dkgry, ltbrn, rdbrn, m frm- frm, slty
6562'-6584'	30% SS	aa
	70% SH	aa
6584'-6600'	30% SS	qtz, ltgry, mky, s&p, vf-f gr, sbang-sbrnd, m srt, p cmt, calc, arg
	70% SH	aa

TXO PRODUCTION CORP. - MARBLE MANSION UNIT #1

MUD RECORD

DATE	DEPTH	WT	FUNNEL VIS	PLASTIC VIS	YP	GEL STRENGTH	ML	CKE	SOLIDS %	MUD GRD	SAND %	pH	ALKALINITY FILTRATE	Cl ppm	Ca ppm
04-Jul-89	2150	8.3	26							0.452	0.3	10.0	.6/1.8	600	100
05-Jul-89	2740	8.6	34	3	4	1/2	11.6	2/32	TR	0.447	0.2	10.0	.6/1.0	600	100
07-Jul-89	3405	9.2	34	6	5	2/3	12.4	2/32	1/8		0.6	9.0	.2/1.5	500	20
08-Jul-89	3705	9.2	41	6	4	2/3	11.2	2/32	TR	0.478	0.6	8.5	.1/1.4	1000	20
09-Jul-89	3890	9.4	37	8	5	2/3	10.8	2/32	TR	0.489	0.8	9.0	.1/1.5	900	40
10-Jul-89	4335	9.2	34	6	5	1/3	13.2	2/32	TR	0.479	0.6	7.5	0/0	400	40
11-Jul-89	4630	9.2	34	6	4	1/2	12.4	2/32	TR	0.478	0.6	7.5	0/3	400	40
12-Jul-89	4950	9.1	33	4	3	1/2	13.2	2/32	TR		0.6	7.5	0/4	300	40
13-Jul-89	5200	9.0	34	6	3	1/2	14.2	2/32	TR	0.468	0.5	7.5	0/3	400	80
14-Jul-89	5463	9.1	36	6	5	1/4	13.0	2/32	TR	0.483	0.6	7.0	0/1	400	80
15-Jul-89	5561	9.1	33	7	4	1/2	7.6	2/32	TR	0.483	0.6	8.0	0/3	400	100
16-Jul-89	5880	9.3	37	8	4	1/3	7.2	2/32	TR	0.489	0.7	8.0	0/3	400	80
17-Jul-89	6154	9.1	35	7	4	1/3	8.2	2/32	TR	0.483	0.6	7.5	0/2	400	80
18-Jul-89	6412	9.3	46	13	10	3/6	9.2	2/32	1/8	0.494	0.8	8.0	0/4	400	100
19-Jul-89	6516	9.4	45	16	15	3/6	9.2	2/32	1/4	0.489	0.8	9.5	.2/1.6	500	80

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

February 23, 1990

RECEIVED
FEB 28 1990

DIVISION OF
OIL, GAS & MINING

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

Re: Marble Mansion Unit #1
SE/SE Section 18-T11S-R23E
Uintah County, Utah
API # 43-047-31865 Sow

Gentlemen:

TXO Production Corp. requests approval to dispose of produced water into an unlined pit at the referenced well location pursuant to the requirements of R615-9-3. Information pertinent to this request follows.

The Marble Mansion Unit #1 is completed in the Wasatch Formation at depths of 5210-5220' and in the Mesa Verde Formation at depths of 6426-6485'. Water from these formations produced in association with the natural gas, will be discharged into a modified unlined pit on location. The modified pit consists of an 8' section of large diameter culvert set vertically in the ground with about 1' of culvert exposed above ground level. The top, or exposed portion, is covered with an expanded metal grate. The bottom of pit remains native subsoils. Produced water discharges from the production unit, dehydrator, and wellhead blowdown, the total of which will not exceed 5 barrels of water per day on a monthly basis, are all directed into this modified culvert-type pit. A federal NTL-2B application has been submitted to the Vernal District BLM office to obtain federal approval for this disposal method.

If you have any questions or need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Charles K. Curlee

Charles K. Curlee
Environmental Manager

OIL AND GAS	
DRN	RJF
JED	1- GLH ✓
MTL	SLS
2-TAS	
3-	MICROFILM ✓
4-	FILE

CKC/gbp

A SUBSIDIARY OF TEXAS
OIL & GAS CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
APR 09 1990

1a. TYPE OF WELL: OIL WELL GAS WELL DRY
 1b. TYPE OF COMPLETION: NEW WELL WORK OVER DREP-EN PLUG BACK DIFF. RESVR. Other

5. LEASE DESIGNATION AND SERIAL NO. U-54201
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME Marble Mansion Unit
 8. FARM OR LEASE NAME
 9. WELL NO. 1
 10. FIELD AND POOL, OR WELDCAT Undesignated
 11. SEC. T., R., M. OR BLOCK AND SURVEY OR AREA. Sec. 18. T. 119 R. 23E

2. NAME OF OPERATOR TXO Production Corp.

DIVISION OF
OIL, GAS & MINING

3. ADDRESS OF OPERATOR 1660 Lincoln St., Suite 1800, Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1080' FSL & 744' FEL (SE, SE)
 At top prod. interval reported below Same as above
 At total depth Same as above

14. PERMIT NO. 43-047-31865 DATE ISSUED 6-07-89

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUNDED 6-21-89 16. DATE T.D. REACHED 7-18-89 17. DATE COMPL. (Ready to prod.) 11-01-89 18. ELEVATIONS (DF, RES, BT, OR, ETC.)* 6069' GR, 6083' KB 19. ELEV. CASINGHEAD 6072'

20. TOTAL DEPTH, MD & TVD 6603' 21. PLUG, BACK T.D., MD & TVD 6580' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5210'-5220' Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction & Compensated Density DSN II Logs 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"	24.0#	334'	12 1/4"	200 sxs 50/50+100 sxs C1"	
4 1/4"	11.60#	6603'	7 7/8"	250 sxs 50/50+500 sxs C1"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5136'	None

31. PERFORATION RECORD (Interval, size and number)
 6426'-85' 2 JSPF, 59 holes MesaVerde
 CIBP @ 6448'
 5210'-20' 2 JSPF, 21 holes Wasatch

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6426'-85'	250 gal 15% HCL+2000 gal 7 1/2% nitrofied HCL, 62000#16/30 sand 293 bbls gelled wtr
5210'-20'	83 tons CO2 & 46900 SCF N2

33. PRODUCTION

DATE FIRST PRODUCTION Currently
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing Gas Well
 WELL STATUS (Producing or shut-in) SIWOPL
 DATE OF TEST 11-01-89 HOURS TESTED 24 hrs CHOKER SIZE PROD'N. FOR TEST PERIOD 0 OIL—BBL. 1900 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO
 FLOW. TUBING PRESS. 1240 psig CASING PRESSURE 1340 psig CALCULATED 24-HOUR RATE 0 OIL—BBL. 1900 GAS—MCF. trace WATER—BBL. 0 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well is currently shut-in waiting on connection to sales line TEST WITNESSED BY Ivan Sadlin

35. LIST OF ATTACHMENTS You should have copies of all required logs and reports.

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

SIGNED Cory West TITLE Engineer DATE 11-01-89

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

50W

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Copies of all currently available logs (drillers, geologists, sample, and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 21 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

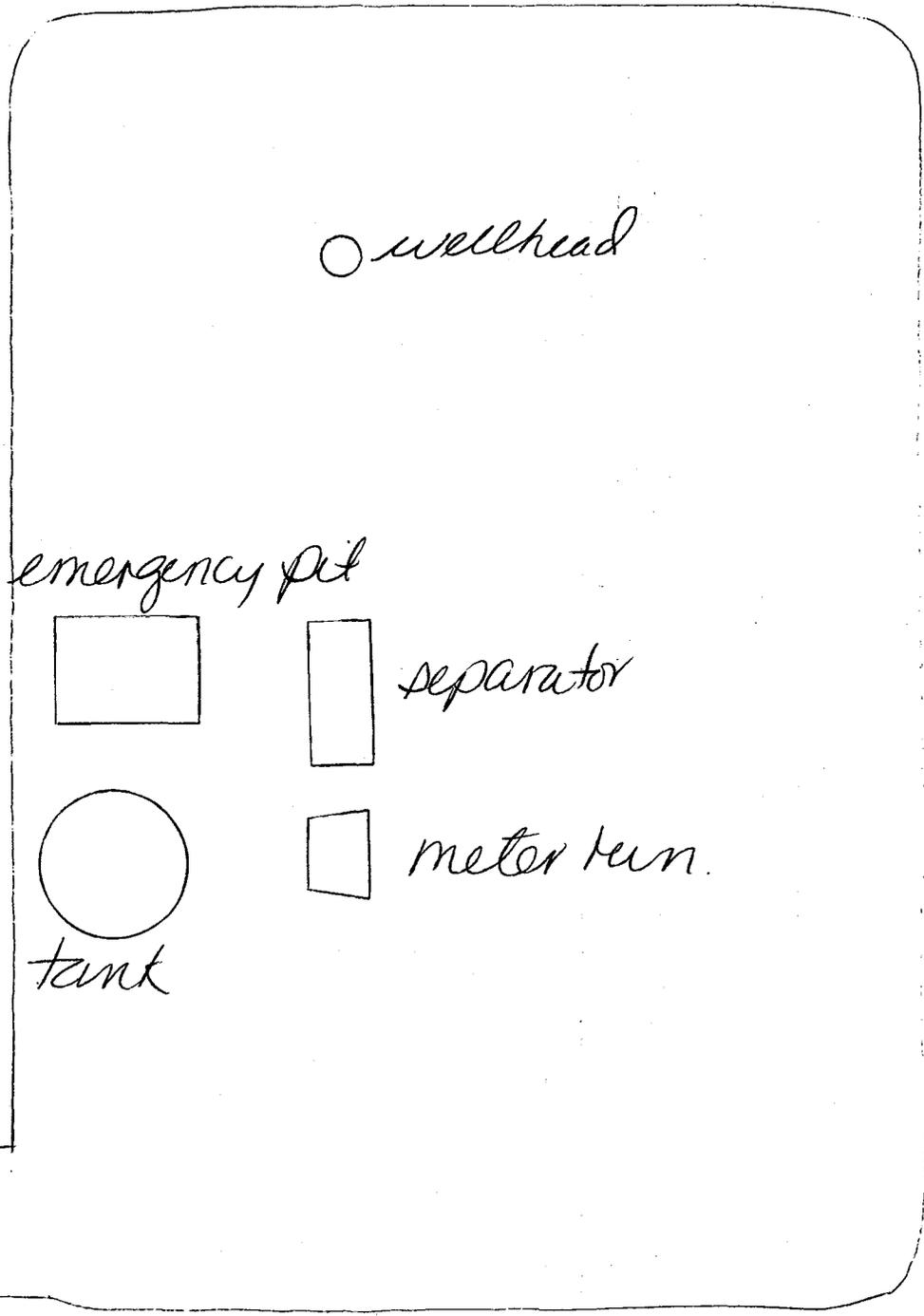
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	335(+5747)	3688(+2394)	Shales (±60%) Sands (±30%) Lime (±10%)			
Wasatch	3688(+2394)	5747(+608)	Shales (±70%) Sands (±30%)			
MesaVerde	5474(+608)TD		Shales (±60%) Sands (±40%)			

OIL AND GAS

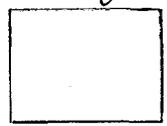
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM <input checked="" type="checkbox"/>	
3- FILE <input checked="" type="checkbox"/>	

Junble Mansion #1 Sec 18, T11S0 R23E Kuby 5/7/90

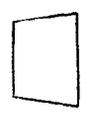
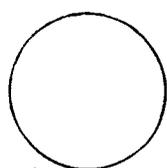


○ wellhead

emergency pit



separator



meter run.

tank

Field Names Advisory Committee Meeting

- X Reinstated Flat Canyon Field - to include all of Section 23-16S-6E, Emery County, East Mountain Unit 32-23 Well, Ferron Sandstone. 43-015-31031 PRSD
- X Extended Duchesne Field - to include SE SE, Section 3-4S-4W, Duchesne County, Ute Tribal 1-3D Well, Green River Pool. 43-013-31042 GRRV
- X New Field - Unnamed 24-4S-5W to include NW NW, Section 24-4S-5W, Duchesne County, CC Ute 1-24D Well, Green River Pool. 43-013-31034 GRRV
- X New Field - Ten Mile to include SW SW, Section 26-24S-17E, Grand County, Federal #1-26, Paradox Pool. 43-019-30088 PRDX
- X New Field - Tower to include NE SE, Section 1-40S-25E, San Juan County, Tower #11-2, Desert Creek Pool. 43-037-31507 ISM
- X New Field - Cajon Mesa to include NW NW, Section 8-40S-25E, San Juan County, Cajon Mesa #8-D-1, Desert Creek Pool. 43-037-31497 DSCR
- X New Field - Monument to include SE SW, Section 8-40S-25E, San Juan County, Monument #8-N-2, Desert Creek Pool. 43-037-31509 DSCR
- X New Field - Runway to include SW NE, Section 10-40S-25E, San Juan County, Runway 10G #1, Desert Creek Pool. 43-037-31515 DSCR
- X Extended Rock House Field - to include SE SE, Section 18-11S-23E, Uintah County, Marble Mansion Unit #1, Wasatch Pool. 43-047-31805 WSTC Row

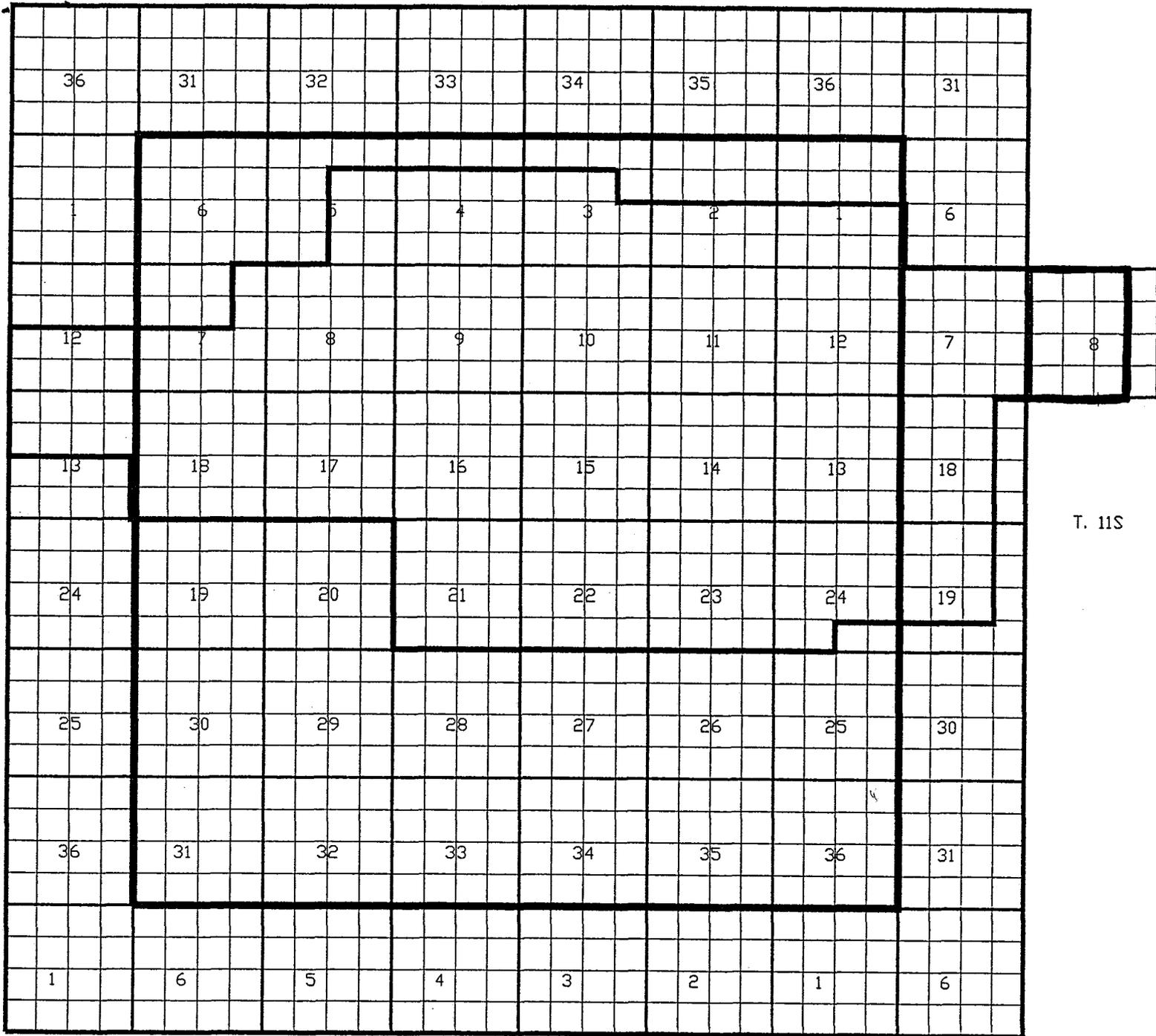
Also, Sandy Hunt, made a recommendation, based on research completed on all fields in Utah, that certain revisions to the field categories be made.

The committee approved the new field categories and made a recommendation that the categories be updated and kept current on a yearly basis. The following field categories should be recognized:

1. Active Field: Area that includes currently producing wells.
2. Inactive Field: Area that includes shut in well(s) that have produced in the past and may be capable of producing in the future.
3. Terminated Field: Area that includes wells that have never produced and areas that have been included in other fields.

After discussion of all agenda items, Mr. Firth indicated that the next meeting would be scheduled for some time in April 1991. There being no other business, the meeting adjourned at approximately 3:30 p.m.

ROCK HOUSE



T. 11S

R. 22E

R. 23E

R. 24E

TOWNSHIP 11 SOUTH, RANGE 22 EAST - UINTAH COUNTY

SECTION 12: S 1/2

13: N 1/2

TOWNSHIP 11 SOUTH, RANGE 23 EAST,

SECTION 7: S 1/2, E 1/2 NE 1/4

8-18: ALL

21-23: ALL

24: N 1/2, N 1/2 S 1/2, S 1/2 SW 1/4

TOWNSHIP 11 SOUTH, RANGE 24 EAST

SECTION 7: ALL

8: W 1/2, W 1/2 E 1/2

18: W 1/2, W 1/2 E 1/2

19: NW 1/4, E 1/2 NE 1/4, N 1/2 SW 1/4, NW 1/4 SE 1/4

EXPAND
OCTOBER 1990
WASATCH &
MESAVERDE POOL



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• TXO PRODUCTION CORP.
 P. O. BOX 2690
 CODY WY 82414
 ATTN: R. P. MEABON

Utah Account No. N1580
 Report Period (Month/Year) 12 / 90
 Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
EVACUATION CREEK STATE "A" #1 4304731674 10661 12S 25E 2	ML-28043 DKTA				
CRACKER FEDERAL #4 4304731748 10669 11S 23E 7	U-54196 WSTC				
MARBLE MANSION UNIT #1 4304731865 10997 11S 23E 18	U-54201 WSTC		NEED SUCCESSOR to Unit Oper. (TXO to Marathon)		
BRIDLE FEDERAL 4 4304731866 11011 06S 22E 34	U-47866 UNTA				
CROQUET FEDERAL 3 4304731867 11013 06S 21E 35	U-53862 UNTA				
STIRRUP FEDERAL 29-2 4304731508 11055 06S 21E 29	U-46699 GRRV				
STIRRUP FEDERAL #29-3 4304731634 11056 06S 21E 29	U-46699 GR-WS				
STIRRUP STATE #32-1 4304731557 11057 06S 21E 32	ML-22036 GRRV				
STIRRUP STATE #32-2 4304731626 11058 06S 21E 32	ML-22036 GR-WS				
FOOTBALL FED. 29-4 4304731883 11085 06S 21E 29	U-46699 UNTA				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

DOGm - FYI - From Lonnie Larson - TAX COMMISSION

Tax Compliance Division



Findlay, Ohio 45840
Telephone 419/422-2121

January 23, 1991

N1580

TO WHOM IT MAY CONCERN:

Effective immediately after the close of business on December 31, 1990, TXO Production Corporation, taxpayer I.D. 75-1710388, a Delaware Corporation, was merged into Marathon Oil Company, taxpayer I.D. 25-1410539.

Following the merger, all business activity previously conducted by TXO Production Corporation will be conducted by and under the name of Marathon Oil Company.

Marathon Oil Company
Tax Organization

GRL:pah
GRL100T

FEB 14 1991
REC'D US/CPA

Send a copy to ROOM 2-219

Copy sent to Master
File Mail

RECEIVED
JAN 24 1991



**Marathon
Oil Company**

P.O. Box 2690
Cody, Wyoming 82414
Telephone 307/587-4960

DIVISION OF
OIL, GAS & MINING

dfg
1-2
Muy DRW
-a R Furth

January 22, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

UTAH DIVISION OF OIL, GAS & MINING
3 Triad Center, Ste. 350
Salt Lake City, UT 84180-1203
Attention: State Director

Re: The Merger of TXO Production Corp. into
Marathon Oil Company

Gentlemen:

As Marathon Oil Company advised in its October 8, 1990 letter, TXO Production Corp., a Delaware corporation ("TXO") was being merged into Marathon Oil Company, an Ohio corporation ("Marathon"), on or before January 1, 1991. As stated in the October letter, before this merger, both TXO and Marathon were subsidiaries of USX Corporation.

Effective January 1, 1991, TXO was merged into Marathon, with Marathon becoming the surviving corporation, as evidenced by the enclosed Certificate of Merger signed by the Secretary of State for the State of Ohio. Due to this statutory merger, by operation of law, Marathon, as the surviving entity, has succeeded to all of the assets, property, rights, privileges, power and authority, and has assumed all obligations and liabilities of TXO which existed on the date of the merger.

Marathon requests that your records and filings be changed to reflect this merger, including making any appropriate change in your operator or ownership records. For the purposes of any change, mailing or notification, please substitute the following address and phone number for TXO:

Marathon Oil Company
Attention: Mr. R. P. Meabon
1501 Stampede Avenue
P. O. Box 2690
Cody, WY 82414
(307) 587-4961

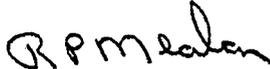
Utah Division of Oil, Gas & Mining
January 22, 1991
Page 2

Any bond in the name of TXO should be cancelled and all wells and properties shown on the attached Exhibit "A" should be placed on Marathon's statewide bond for the state of Utah.

Marathon respectfully requests that you acknowledge your receipt of this letter by signing the enclosed duplicate original of this letter in the space provided below, and returning it to me in the self-addressed, stamped envelope provided. Also, please provide Marathon with confirmation of the bond cancellations in accordance with the substitution requested above.

Marathon appreciates your patience and cooperation in this matter, and if Marathon can be of any further assistance, please feel free to contact this office.

Sincerely,



R. P. Meabon
Regulatory Coordinator
Rocky Mountain Region
Extension 3003

RPM:mh

Attachments

RECEIVED AND ACCEPTED THIS _____ DAY OF _____,
1991, BY:

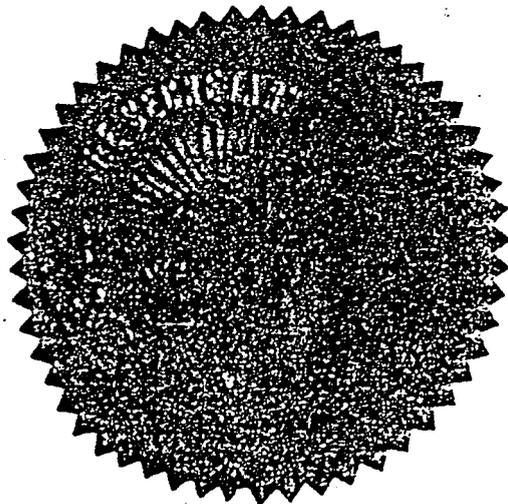
[Governmental Agency or Department]

By _____
Name _____
Its _____
Title _____

UNITED STATES OF AMERICA,
STATE OF OHIO,
OFFICE OF THE SECRETARY OF STATE.

I, Sherrod Brown

do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show an AGREEMENT OF MERGER of MARATHON PETROLEUM COMPANY, an Ohio corporation, Charter No. 7265, having its principal location in Findlay, County of Hancock, and incorporated on August 1, 1887, and TXO PRODUCTION CORP., a Delaware corporation, having qualified to do business within the State of Ohio on November 2, 1983, under License No. 623328, into MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, the survivor of said Merger, filed in this office on December 24, 1990, recorded in the Records of Incorporation. Said surviving corporation, MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18, 1981 and is currently in GOOD STANDING upon the records of this office.



WITNESS my hand and official seal at

Columbus, Ohio, this

28th day of December, A.D. 19⁹⁰

Sherrod Brown

Sherrod Brown
Secretary of State

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<i>[initials]</i>
2- DTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LOR	<i>[initials]</i>

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

TO (new operator)	<u>MARATHON OIL COMPANY</u>	FROM (former operator)	<u>TXO PRODUCTION CORP.</u>
(address)	<u>P. O. BOX 2690</u>	(address)	<u>P. O. BOX 2690</u>
	<u>CODY, WY 82414</u>		<u>CODY, WY 82414</u>
	<u>phone (307) 587-4961</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 3490</u>		<u>account no. N1580</u>

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

MERGER

Name: <u>**SEE ATTACHED**</u>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see documentation)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec. 1-24-91)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- See # 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-26-91)*
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 5, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(Federal & State wells only!)* *(upon completion of routing)*
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date February 27, 1991. If yes, division response was made by letter dated March 1, 1991.

STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. *sent 3-5-91*

MICROFILMING

1. All attachments to this form have been microfilmed. Date: March 11 1991. *RWM*

INDEXING

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

REMARKS

- 910204 Bfm/marb ~~No doc. as of yet.~~ (In the process of changing) will call when approved.
Bfm/S.L. Book Cliffs Unit, Oil Springs Unit, Marble Mansion Unit (Not approved as of yet)
- 910204 St. Lands - No documentation as of yet. (Copy hand delivered 2-8-91) see
- 910222 Bfm/S.L. - Approved 2-20-91 - OK for DOGM to recognize eff. date 1-1-91. (T. Thompson)
- 910226 St. Lands - Needs additional info. "will take 2-3 weeks". (Proceed with change per DTS)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-54201

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Marble Mansion Unit #1

9. API Well No.

43-047-31865

10. Field and Pool, or Exploratory Area

Rockhouse

11. County or Parish, State

Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P. O. Box 2690, Cody, Wyoming 82414 (307) 587-4961

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

1080' FSL, 744' FEL, Sec. 18, T11S, R23E

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

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

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

Marathon has completed the following work on April 30, 1991:

Set retrievable bridge plug at 5169'. Located casing leaks between 3158' and 3605'. Squeezed leaks with a total of 300 sacks. Drilled out cement and retrieved bridge plug. Acidized perforations with 250 gallons of 15% HCl followed with 500 gallons of 15% MCA. Swab back treating fluids. No gas production. Shut well in for evaluation.

RECEIVED

NOV 12 1991

DIVISION OF
OIL GAS & MINING

Dist: BLM-Orig + 3--cc: (SUDOGM-2, WRF, FMK, SPO, WTR-5, Title & Contracts (Houston))

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

Signed RPM

Regulatory Coordinator

10/25/91

(This space for Federal or State office use)

Approved by NOTED

Title

Date NOV 05 1991

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

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
U-54201

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Marble Mansion Unit
UTU 588388

8. Well Name and No.
Unit No. 1

9. API Well No.
43-047-31865

10. Field and Pool, or Exploratory Area
Rock House

11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Lone Mountain Production Company

3. Address and Telephone No.
P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1080' FSL, 744' FEL, Sec. 18-T11S-R23E
(SE $\frac{1}{4}$ SE $\frac{1}{4}$)

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

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

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

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

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

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

Signed Jane R. Rosten Title Petroleum Engineer Date Feb. 22, 1993

(This space for Federal or State office use)

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

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

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

February 22, 1993

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

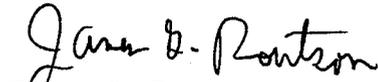
Re: Change of Operator
Sundry Notices
Grand and Uintah Counties, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for 53 wells located on Federal lands in Utah for which Lone Mountain Production Company is assuming operations effective February 22, 1993. Two separate lists of the wells and lease numbers, by sorted by BLM district, are attached. The wells were all previously operated by Marathon Oil Company. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company



James G. Routson
President

Enclosures

xc: Joe Dyk
Marathon

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

RECEIVED

UTAH FEDERAL WELLS

FEB 25 1993

VERNAL BLM DISTRICT

DIVISION OF
OIL GAS & MINING

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
Stirrup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
Stirrup Fed. No. 29-2	U-46699	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Stirrup Fed. No. 29-3	U-46699	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Football Fed. No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T11S-R23E
Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-T11S-R23E
Marble Mansion Unit #1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
Wells Fed. A No. 1	U-54198	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-T11S-R23E
Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T12S-R24E
Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-T12S-R24E
Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-T12S-R24E

UTAH FEDERAL WELLS

MOAB BLM DISTRICT

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Bookcliffs Unit No. 1	U-036905	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-T18S-R22E
Bookcliffs Unit No. 3	U-036905	Sw $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-T18S-R22E
Hancock Fed. No. 2	U-38720	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T17S-R25E
Hougen Fed. No. A-1	U-42480	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-T17S-R24E
TXO-POGO-USA No. 15-9	U-49535	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-T17S-R24E
Callister Fed. No. 1	U-38363	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-T16S-R24E
Ptasynski Fed. No. 1	U-24603-A	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-T17S-R23E
Arco Fed. B No. 1	U-9831	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-T16S-R25E
Arco Fed. C No. 1	U-06188-B	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T16S-R25E
Arco Fed. D No. 1	U-29645	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T16S-R25E
Arco Fed. H No. 1	U-0126528	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-T16S-R25E
Grynberg Fed. No. 1	U-13653	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T16S-R25E
Lauck Fed. A No. 1	U-34033	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T16S-R25E
Lauck Fed. No. 2	U-34033	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T16S-R25E
Nicor Fed. No. 1	U-31807	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-T16S-R25E
Nicor Fed. No. 2	U-13653	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. ²⁹ 33 -T16S-R25E
Valentine Fed. No. 1	U-38276	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-T16S-R25E
Valentine Fed. No. 2	U-38276	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T16S-R25E
Valentine Fed. No. 3	U-38276	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-T16S-R25E
Wall Fed. No. 1	U-24632	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-T16S-R25E
Bennion Fed. No. 1	U-24632	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-T16S-R25E
Harvey Fed. No. 1-X	U-10427	Sw $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T16S-R25E

UTAH FEDERAL WELLSMOAB BLM DISTRICT

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
BMG Fed. No. 1	U-05015	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-T16S-R26E
BMG Fed. No. 2	U-05015	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-T16S-R26E
BMG Fed. No. 3	U-05015-A	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-T16S-R26E
BMG Fed. No. 4	U-05015-A	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-T16S-R26E
BMG Fed. No. 5	U-05015-A	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-T16S-R26E
BMG Fed. No. 7	U-05015-A	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-T16S-R26E
Credo Fed. No. 1	U-24638	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T16S-R26E
Credo Fed. A No. 1	U-24638	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-T16S-R26E
Moxa Fed. No. 1	U-24638	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-T16S-R26E
Moxa Fed. A No. 1	U-24638	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-T16S-R26E

UTAH STATE WELLS

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Texas Pacific No. 1	ML-4468-A	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T16S-R25E Grand County
Texas Pacific No. 2	ML-4468-A	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-T16S-R25E Grand County
Little Berry No. 1	ML-21061	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-T16S-R23E Grand County
Evacuation Creek No. 1	ML-39868	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36.T11S-R25E Uintah County
Evacuation Creek A No. 1	ML-28043	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-T12S-R25E Uintah County
Evacuation Creek 23-2-1	ML-28043	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-T12S-R25E Uintah County
Stirrup No. 32-1	ML-22036	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32.T6S-R21E Uintah County
Stirrup No. 32-2	ML-22036	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32.T6S-R21E Uintah County
Stirrup No. 32-4	ML-22036	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32.T6S-R21E Uintah County

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION & SERIAL NO. See Below
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 2690, Cody, Wyoming 82414		8. FARM OR LEASE NAME See Below
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface See Below At proposed prod. zone See Below		9. WELL NO. See Below
14. API NO. See Below		10. FIELD AND POOL, OR WILDCAT - See Below
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below
12. COUNTY Grand and Uintah		13. STATE Utah

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>
--	--

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
--	--

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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.)

* Must be accompanied by a cement verification report.

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibit 'A' and 'B' to:

Lone Mountain Production Company
P.O. Box 3394, 408 Production Building
Billings, Montana 59103-3394

By copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating these leases and wells within the federal and state rules and regulations.

Utah O&G--cc: WRF,RDS,CLB,RPM,KJI,TITLE AND CONTR(HOU),ACCTG.,CFR,LONE MTN. PROD.

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

SIGNED R.P. Meabon *RPM* TITLE Regulatory Coordinator DATE 2/23/93

(This space for Federal or State office use)

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

List of Properties sold by Marathon Oil Company to Lone Mountain Production Company, P.O. Box 3394, 408 Petroleum Building, Billings, Montana 59103-3394

WELL	LOCATION	LEASE	API #
North Horse Point Field			
Little Berry State #1	SW/4 SW/4, Sec. 2-16S-23E	ML-21061	043-019-31075
BAR X West Field			
Hancock Federal #2	NW/4 SW/4, Sec. 5-17S-25E	U-38720	043-019-30833
Bryson Canyon Field			
Hougen Federal A#1- St #1	SW/4 SW/4 Sec. 14-17S-24E	U-42480	043-019-30799
TXO Pogo USA #19-9	NE/4 SE/4, Sec. 15-17S-24E	U-49535	043-019-30779
East Canyon Field			
Callister Federal #1	NW/4 SE/4 Sec. 24-16S-24E	U-38363	043-019-30857
Ptasynski Federal #1	NE/4 NW/4 Sec. 15-17S-23E	U-24603-A	043-019-30780
Horseshoe Bend Field			
Bridle Federal #1	SW/4 SW/4 Sec. 34-6S-22E	U-47866	043-047-31533
Bridle Federal #2	NE/4 SE/4 Sec. 34-6S-22E	U-47866	043-047-31655
Bridle Federal #3	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31678
Bridle Federal #4	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31866
Croquet Federal #1	SE/4 NE/4 Sec. 35-6S-21E	U-53862	043-047-31440
Croquet Federal #2	NE/4 SE/4 Sec. 35-6S-21E	U-53862	043-047-31672
Croquet Federal #3	NE/4 NW/4 Sec. 35-6S-21E	U-53862	043-047-31867
Football Fed #29-4	SE/4 SW/4 Sec. 29-6S-21E	U-46699	043-047-31883
Shuffleboard Fed #1	NE/4 NE/4 Sec. 27-6S-21E	U-31255	043-047-31668
Stirrup Fed. #28-1	NW/4 SW/4 Sec. 28-6S-21E	U-34711	043-047-31571
Stirrup Fed. #29-2	NW/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31508
Stirrup Fed. #29-3	SE/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31634
Stirrup State #32-1	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31557
Stirrup State #32-2	SE/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31626
Stirrup State #32-4	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31648
Rockhouse Field			
Cracker Fed. #1	SE/4 NE/4 Sec. 8-11S-23E	U-54197	043-047-31532
Cracker Fed. #2	SE/4 SE/4 Sec. 8-11S-23E	U-54197	043-047-31690
Cracker Fed. #3	SW/4 SE/4 Sec. 5-11S-23E	U-54193	043-047-31689
Cracker Fed. #4	SE/4 NE/4 Sec. 7-11S-23E	U-54196	043-047-31748
Marble Mansion #1	SE/4 SE/4 Sec. 18-11S-23E	U-54201	043-047-31865
Wells Fed. A #1	SW/4 SE/4 Sec. 12-11S-23E	U-54198	043-047-31603

San Arroyo Field

Arco Fed. B #1	SE/4 SE/4 Sec. 6-16S-25E	U-9831	043-019-30552
Arco Fed. C #1	NW/4 NW/4 Sec. 35-16S-25E	U-06188-B	043-019-30572
Arco Fed. D #1	NE/4 SE/4 Sec. 34-16S-25E	U-29645	043-019-30578
Arco Fed. H #1	NW/4 SW/4 Sec. 12-16S-25E	U-0126528	043-019-31002
Bennion Fed. #1	NE/4 NW/4 Sec. 30-16S-25E	U-24632	043-019-30893
BMG Fed. #1	NE/4 NW/4 Sec. 8-16S-26E	U-05015	043-019-31017
BMG Fed. #2	SW/4 SW/4 Sec. 8-16S-26E	U-05015	043-019-31108
BMG Fed. #3	SW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31114
BMG Fed. #4	NW/4 NW/4 Sec. 17-16S-26E	U-05015-A	043-019-31130
BMG Fed. #5	NW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31131
BMG Fed. #7	NW/4 SE/4 Sec. 17-16S-26E	U-05015-A	043-019-31183
Bookcliffs #1	SE/4 SE/4 Sec. 32-18S-22E	U-036905	043-019-15410
Bookcliffs #3	SW/4 NE/4 Sec. 33-18S-22E	U-036905	043-019-15411
Credo Fed. #1	NE/4 SE/4 Sec. 5-16S-26E	U-24638	043-019-30797
Credo Fed. A #1	SE/4 NW/4 Sec. 5-16S-26E	U-24638	043-019-30798
Grynberg Fed. #1	NE/4 SW/4 Sec. 28-16S-25E	U-13653	043-019-30657
Harvey Fed. #1-X	SW/4 SE/4 Sec. 5-16S-25E	U-10427	043-019-30574
Lauck Fed. A #1	SE/4 SE/4 Sec. 29-16S-25E	U-34033	043-019-30990
Lauck Fed. #2	NW/4 SW/4 Sec. 29-16S-25E	U-34033	043-019-31109
Moxa Fed. #1	SW/4 SW/4 Sec. 9-16S-26E	U-24638	043-019-30698
Moxa Fed. A #1	NE/4 SE/4 Sec. 4-16S-26E	U-24638	043-019-30792
Nicor Fed. #1	NW/4 NE/4 Sec. 28-16S-25E	U-31807	043-019-30656
Nicor Fed. #2	NW/4 NE/4 Sec. 33-16S-25E	U-13653	043-019-31020
Texas Pac St #1	NW/4 SE/4 Sec. 36-16S-25E	ML-4468-A	043-019-30634
Texas Pac St #2	SW/4 SW/4 Sec. 36-16S-25E	ML-4468-A	043-019-30670
Valentine Fed. #1	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-30639
Valentine Fed. #2	SE/4 NW/4 Sec. 34-16S-25E	U-38276	043-019-30640
Valentine Fed. #3	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-31009
Wall Fed. #1	NE/4 SW/4 Sec. 30-16S-25E	U-24632	043-019-30838

Oil Springs Field

Oil Springs #5	NE/4 SW/4 Sec. 5-12S-24E	U-08424-A	043-047-15930
Oil Springs #7	SE/4 SW/4 Sec. 4-12S-24E	U-08424-A	043-047-31248
Oil Springs #10	NE/4 NE/4 Sec. 5-12S-24E	U-08424-A	043-047-31656

Evacuation Creek Field

Evacuation Creek State A #1	NE/4 NE/4 Sec. 2-12S-25E	ML-28043	043-047-31674
Evacuation Cr. #23-2-1	NE/4 SW/4 Sec. 2-12S-25E	ML-28043	043-047-15675
Evacuation Creek State #1	SE/4 SW/4 Sec. 36-11S-25E	ML-39868	043-047-31307

Marathon Oil Company
Change of Operator

CONDITIONS OF APPROVAL

We have reviewed your proposal for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

1. This change of operator approval is for the following wells only:

<u>WELL NAME & NUMBER</u>	<u>LEASE NUMBER</u>
Stirrup Fed. 28-1	U - 34711
Stirrup Fed. 29-2	U - 46699
Stirrup Fed. 29-3	U - 46699
Stirrup Fed. 29-4	U - 46699
Croquet Fed. 1	U - 53862
Croquet Fed. 3	U - 53862
Bridle Fed. 1	U - 47866
Bridle Fed. 2	U - 47866
Bridle Fed. 3	U - 47866
Bridle Fed. 4	U - 47866
Cracker Fed. 1	U - 54197
Cracker Fed. 2	U - 54197
Cracker Fed. 3	U - 54193
Cracker Fed. 4	U - 54196
Wells Fed. 1	U - 54198

2. The other wells as listed in the attachment to this sundry notice are denied. The reason for denial is because the wells are either in a Communitization Agreement (C.A.) or a Federal Unit or they are located outside of the Vernal District. Changes of operator for wells that are C.A.s or Federal Units needed to be filed with our BLM State Office in Salt Lake City, Utah. The changes for the other wells will need to be filed in the appropriate District or Resource Area Office.

RECEIVED

MAR 22 1993

DIVISION OF
OIL GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals (U-922)
34 South State Street
Salt Lake City, Utah 84111-2303

COPY

March 25, 1993

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103-3394

RE: Marble Mansion Unit
Uintah County, Utah

Gentlemen:

On February 25, 1993, we received an indenture dated February 22, 1993, whereby Marathon Oil Company resigned as Unit Operator and Lone Mountain Production Company was designated as Successor Unit Operator for the Marble Mansion Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby accepted effective March 25, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Marble Mansion Unit Agreement.

Your nationwide (Montana) oil and gas bond No. 0719 will be used to cover all operations within the Marble Mansion Unit.

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

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - Marble Mansion Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:03-25-93

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU58838A UTU58838A	430473186500S1 1	MARBLE MANSION WS A	SESE	18	11S	23E	GS1	UTU54201	MARATHON OIL COMPANY

Routing:

1-DEC	7-1-93
2-DPS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-22-93)

TO (new operator)	<u>LONE MTN PRODUCTION CO</u>	FROM (former operator)	<u>MARATHON OIL COMPANY</u>
(address)	<u>P. O. BOX 3394</u>	(address)	<u>P. O. BOX 2690</u>
	<u>BILLINGS, MT 59103-3394</u>		<u>CODY, WY 82414</u>
	<u>phone (406) 245-5077</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 7210</u>		<u>account no. N 3490</u>

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

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-25-93)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-25-93)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-30-93)*
6. Cardex file has been updated for each well listed above. *(3-30-93)*
7. Well file labels have been updated for each well listed above. *(3-30-93)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-30-93)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 3/31/93 1993. If yes, division response was made by letter dated 3/31/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 3/31/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: _____ 19____.

INDEXING

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

REMARKS

930316 Btm/Inoab Approved some of the wells on 3-10-93 eff. 2-23-93. (see other change)

930323 Btm/Vernal Approved some of the wells on 3-11-93 eff. 10-1-92. The remaining wells are unitized or under a C.A. (will be handled on separate change).

930330 Btm/S.Y. Approved C.A. changes eff. 3-26-93.

Unit operator changes approved 3-25-93. (Book hills, Marble Mansion, Oil Springs)

RECEIVED MAR 27 1996



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

324 South State, Suite 301

Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

3160
(U-922)

March 22, 1996

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103-3394Re: Change of Location, Initial Obligation Well
Marble Mansion II Unit, Uintah County, Utah

Gentlemen:

Pursuant to your request of March 14, 1996, location change of the Initial Obligation well for the Marble Mansion II Unit, Uintah County, Utah is hereby approved. Our initial designation of March 1, 1995 is modified as follows:

The Unit agreement submitted for the area designated shall provide for a well to be drilled to a depth of 5,900 feet or a depth sufficient to test the upper 300 feet of the Mesaverde Formation and located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 17, Township 11 South, Range 23 East, SLB&M. Your proposed use of the Form of Agreement for Unproven Areas, will be accepted provided the following language is added to the bottom of Section 11 and Section 33 is included in the agreement.

Upon termination of the Marble Mansion Unit Agreement, UTU58838X, approved May 1, 1989, as provided for in Section 33 hereof, the 640.00 acre Wasatch Participating Area "A" No. UTU58838A under the Marble Mansion Unit Agreement shall be transferred to this agreement, and the lands shall be subject to this Unit Agreement the same as if the participating area had been originally established under this Unit Agreement.

Should the Initial Obligation well be determined capable of producing unitized substances in paying quantities from the Wasatch Formation as defined in Section 9 of this agreement, Unit Operator shall submit for approval by the AO, a schedule, based on the following lands.

page 2

Township 11 South, Range 23 East, SLB&M

Section 5: E $\frac{1}{2}$
Section 7: E $\frac{1}{2}$
Section 8: All
Section 17: All
Section 18: E $\frac{1}{2}$ SW $\frac{1}{2}$, E $\frac{1}{2}$
Section 19: N $\frac{1}{2}$ NE $\frac{1}{2}$
Section 20: NW $\frac{1}{2}$ NW $\frac{1}{2}$

These lands shall constitute the initial participating area for the Wasatch Formation, effective as of the date of completion of the Initial Obligation Well. The schedule shall also set forth the percentage of unitized substances to be allocated, as provided in Section 12, to each committed tract in the participating area so established, and shall govern the allocation of production commencing with the effective date of the participating area.

It is expressly understood that production discovered prior to the effective date of this agreement shall not be considered "production under the plan" as referenced in §3107.3-1 Title 43 Code of Federal Regulations.

33. Termination of the Marble Mansion Unit

Inasmuch as certain parties hereto are also parties to the Marble Mansion Unit Agreement, Uintah County Utah, No. UTU58838X, approved effective May 1, 1989, it is agreed that effective as of the effective date of the initial or first participating area established hereunder, said Marble Mansion Unit Agreement shall be deemed to be terminated automatically, and the lands subject thereto shall be deemed to be simultaneously merged with this unit.

If you have any questions regarding this approval please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,



Robert A. Henricks
Chief, Branch of Fluid Minerals



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

April 15, 1996

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103-3394

Gentlemen:

The Marble Mansion II Unit Agreement, Uintah County, Utah was approved on April 15, 1996. This agreement has been designated No. UTU73813X and is effective as of the date of approval. A copy of the agreement is enclosed.

This unit provides for the drilling of one obligation well and subsequent drilling obligations pursuant to Section 9 of the unit agreement. The obligation well will be located in the NW of Section 17, Township 11 South, Range 23 East, SLB&M, Uintah County, Utah and will be drilled to a depth of 5,900 feet or a depth sufficient to test the upper 300 feet of the Mesaverde Formation. This obligation well is considered to be a contractual commitment on the part of the unit operator. No extension of time beyond October 15, 1996, will be granted to commence the "obligation well" other than "unavoidable delay" (Section 25), where justified.

Pursuant to 43 CFR 3183.4(b) and Section 9 of the Unit Agreement, if the Public Interest Requirement is not fulfilled, the unit will be declared invalid and no lease committed to this agreement shall receive the benefits of 43 CFR 3107.3-2 and 3107.4.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

The basic information is as follows:

1. No oil and gas has been discovered in the unit area. The depth of the test well and the area to be unitized were approved under the unit plan regulations of December 22, 1950, by Bureau of Land Management letter dated March 1, 1995 and March 22, 1996.
2. All formations are unitized.
3. The unit area embraces 5,364.21 acres, more or less, of which 5,364.21 acres (100.00 percent) are Federal lands.

The following leases embrace lands included within the unit area:

UTU-54188	UTU-54201	UTU-54203	UTU-54196
UTU-54189	UTU-54202	UTU-54193	UTU-54197
UTU-54200			

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests are fully or effectively committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

In view of the foregoing commitment status, effective control of operations within the unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

Sincerely,



Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SUSAN GUFFEY
 LONE MTN PRODUCTION CO
 PO BOX 3394
 BILLINGS MT 59103-3394

UTAH ACCOUNT NUMBER: N7210

REPORT PERIOD (MONTH/YEAR): 6 / 96

AMENDED REPORT (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes			
							OIL(BBL)	GAS(MCF)	WATER(BBL)	
HANCOCK STATE #16-3	4301931237	10686	17S 25E 16	DKTA						
BAR X UNIT 4	4301915023	10692	17S 26E 18	ENRD						
FEDERAL 11-3	4301931240	10746	17S 24E 11	DKTA						
FEDERAL 11-10	4301931241	10747	17S 24E 11	DKTA						
QUINOCO STATE 16-12	4301931243	10763	16S 26E 16	DKTA						
STATE 16-1	4301931266	10924	17S 25E 16	DKTA						
QUINOCO FEDERAL 6-5	4301931267	10926	17S 25E 6	DKTA						
QUINOCO STATE 32-9	4301931282	10946	16S 26E 32	DK-MR						
MARBLE MANSION UNIT #1	4304731865	10997	11S 23E 18	WSTC		454201	Marble Mansion Unit			
BRIDLE FEDERAL 4	4304731866	11011	06S 22E 34	UNTA		447866				
CROQUET FEDERAL 3	4304731867	11013	06S 21E 35	UNTA		453862				
FOOTBALL FED. 29-4	4304731883	11085	06S 21E 29	UNTA		446699				
FEDERAL 20-R	4301931320	11257	17S 25E 10	DKTA						
TOTALS										

REMARKS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-930

August 1, 1996

Rosewood Resources, Inc.
100 Crescent Court, Suite 500
Dallas, Texas 75201

Re: **Marble Mansion II Unit**
Uintah County, Utah

Gentlemen:

On July 5, 1996, we received an indenture dated August 1, 1996, whereby Lone Mountain Production Company resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Marble Mansion II Unit, Uintah County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective August 1, 1996. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Marble Mansion II Unit.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Marble Mansion II.

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

Sincerely,

Robert A. Henricks
Mineral Resources Group Administrator

Enclosure

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

August 7, 1996

Lisha Cordova
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

VIA FAX: 1-801-359-3940

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Lisha:

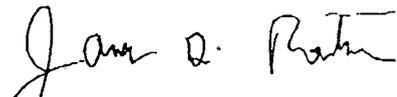
Pursuant to your telephone conversation with Carolyn George this afternoon, attached is a list of federal wells previously operated by Lone Mountain Production Company in the referenced county.

Lone Mountain has resigned as operator of the aforementioned wells and accepts the transfer of operations to Rosewood Resources, Inc., effective August 1, 1996.

Should you have any questions or need further information please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson
President

Attachment

UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

<u>Well</u>	<u>Lease No.</u>	<u>Location</u>
Shuffleboard Federal No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27: T6S-R21E
Stirrup Federal No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28: T6S-R21E
Football Federal No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 29: T6S-R21E
Croquet Federal No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 35: T6S-R21E
Bridle Federal No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34: T6S-R22E
Cracker Federal No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5: T11S-R23E
Cracker Federal No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7: T11S-R23E
Marble Mansion Unit No. 1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18: T11S-R23E
Oil Springs Unit No. 5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5: T12S-R24E
Oil Springs Unit No. 7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 4: T12S-R24E
Oil Springs Unit No. 10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5: T12S-R24E

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____ Suspense _____ Other _____
(Location) Sec MARBLE MANSION U #1 (Return Date) _____ OPERATOR CHANGE
(API No.) 43-047-31865 (To - Initials) _____

1. Date of Phone Call: 10-30-96 Time: 12:00

2. DOGM Employee (name) L. CORDOVA (Initiated Call ~~XXX~~)
Talked to:

Name TERESA THOMPSON (Initiated Call) - Phone No. (801) 539-4047
of (Company/Organization) BLM/SL

3. Topic of Conversation: OPERATOR OF WELL?

4. Highlights of Conversation: _____

LONE MTN. OPERATOR OF WELL. ROSEWOOD RESOURCES OPERATOR OF MARBLE MANSION II UNIT; UPON COMPL OF OBLIGATION WELL & ESTABLISHMENT OF A P.A. THE MARBLE MANSION UNIT WILL TERMINATE AND THIS WELL WILL THEN CHANGE OVER TO ROSEWOOD/MARBLE MANSION II UNIT.

*INFO WILL BE FORTHCOMING SOON; OBLIG WELL COMPL 10/96; TERM. OF MARBLE MANSION UNIT TO FOLLOW!

*961031 Rosewood notified. (Genet Mem bright 214-871-5718)

*970318 BLM/SL Establishment of P.A. in progress awaiting add'l info. from Rosewood.

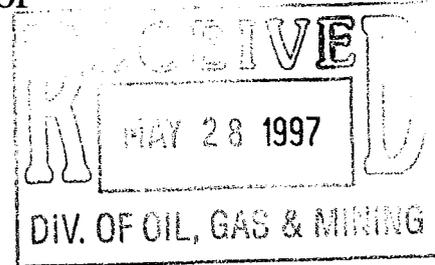
*970530 BLM/SL Marble Mansion Unit op. chg. approved, not terminated at this time, awaiting add'l info. from Rosewood regarding the participating area, etc.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



May 27, 1997

Rosewood Resources, Inc.
Suite 500
100 Crescent Court
Dallas, Texas 75201

Re: Marble Mansion Unit
Uintah County, Utah

Gentlemen:

On May 22, 1997, we received an indenture dated August 1, 1996, whereby Lone Mountain Production Company resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Marble Mansion Unit, Uintah County, Utah.

The indenture was approved by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Marble Mansion Unit Agreement. The instrument is hereby approved effective May 27, 1997.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Marble Mansion Unit.

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Marble Mansion Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:5/27/97

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well	Status	Operator
** Inspection Item: UTU58838A									
UTU54201	4304731865	1 MARBLE MANSION	SESE	18	T11S	R23E	GSI		LONE MOUNTAIN PRODUCTION CO

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-MC ✓
2-GLH ✓	7-KDR/KAS ✓
3-DPS ✓	8-SJ ✓
4-VLD ✓	9-FILE ✓
5-RJE ✓	JRB ✓

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

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

The operator of the well(s) listed below has changed, effective: 5-27-97 (BLM APRV DATE)

TO: (new operator) ROSEWOOD RESOURCES INC
 (address) 100 CRESCENT COURT #500
DALLAS TX 75201
 Phone: (214)871-5718
 Account no. N7510

FROM: (old operator) LONE MTN PRODUCTION CO.
 (address) PO BOX 3394
BILLINGS MT 59103-3394
 Phone: (406)245-5077
 Account no. N7210

WELL(S) attach additional page if needed:

***MARBLE MANSION UNIT**

Name: <u>MARBLE MANSION U #1/WS</u>	API: <u>43-047-31865</u>	Entity: <u>10997</u>	S	<u>18</u>	T	<u>11S</u>	R	<u>23E</u>	Lease: <u>U54201</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 8-7-96)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 8-7-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Yec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(5-30-97)*
- Yec 6. Cardex file has been updated for each well listed above. *(5-30-97)*
- Yec 7. Well file labels have been updated for each well listed above. *(5-30-97)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- SLC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- SLC 1. All attachments to this form have been microfilmed. Today's date: 6-20-97.

FILING

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

COMMENTS

970530 BLM/SL Aprv. 5-27-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-73813A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Marble Mansion II Unit

8. Well Name and No.
Marble Mansion Unit #1

9. API Well No.
43-047-31865

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1080' FSL 744' FEL, SESE Section 18, T11S, R23E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

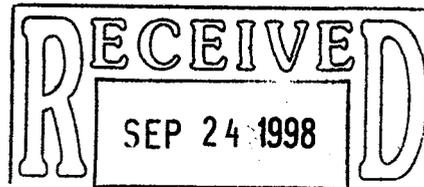
Abandonment Change of Plans
 Recompletion New Construction
 Plugging Back Non-Routine Fracturing
 Casing Repair Water Shut-Off
 Altering Casing Conversion to Injection
 Other TA STATUS Dispose Water

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

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

Rosewood Resources requests approval to place the above referenced well on TA status pending evaluation of additional zones.

COPY SENT TO OPERATOR
Date: 9.29.98
Initials: KBR



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

DIV. OF OIL, GAS & MINING

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

Signed

[Signature]

Title Administrative Assistant

Date 09/21/98

(This space for Federal or State office use)

Approved by **Accepted by the**
Conditions of approval, if any **Utah Division of**

Title

Date

Federal Approval of this Action is Necessary

Oil, Gas and Mining

Title 18 U.S.C. Section 1001, makes it a crime to 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.

FOR RECORD ONLY

*See Instructions on Reverse Side

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. UTU-73813A
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA, Agreement Designation MARBLE MANSION 1 UNIT
8. Well Name and No. MARBLE MANSION FED #1
9. API Well No. 43-047-31865
10. Field and Pool, or Exploratory Area
11. County or Parish, State UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/SE SECTION 18 T11S R23E

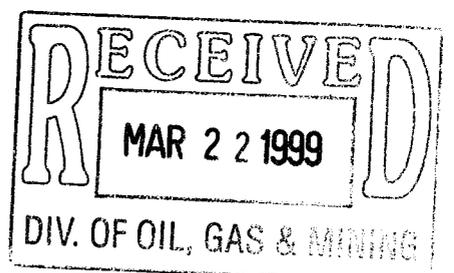
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Rosewood Resources is currently conducting a geological evaluation on all Uintah Basin properties and requests a one year extension of the Shut In status of the above referenced well. Rosewood has plans to recomplete this well.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

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

Signed *Kelly Nemes* Title Administrative Assistant Date 03/16/99

(This space for Federal or State office use)

Approved by _____ Title Accepted by the
Utah Division of Date _____
Oil, Gas and Mining

Conditions of approval, if any: COPY SENT TO OPERATOR
Date: 3-25-99
Initials: CHD Date: 3-24-99

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-73813A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
MARBLE MANSION 1

8. Well Name and No.
MARBLE MANSION FED 1

9. API Well No.
43-047-31865

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESE SEC 18 T11S R23E

12. INDICATE NATURE OF

G

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other TA STATUS

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

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

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

Rosewood Resources respectfully requests an extension of the TA status of the above mentioned well due to rig availability.

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see R649-3-36).

Thank You,
Jill Henrie
435-789-0414 x10

Federal Approval of This Action is Necessary

[Signature] June 14, 2005
Utah Division of Oil, Gas and Mining

COPIES: ORIG. & 2-BLM; DIV. OG&M;

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

Signed *[Signature]* Title Administrative Assistant Date 06/07/05

(This space for Federal or State office use)

Approved by _____ Title _____ Date **COPY SENT TO OPERATOR**

Conditions of approval, if any:

RECEIVED

INITIALS: *[Handwritten initials]*

JUN 09 2005

P&A

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

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. UTU-73813A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well Oil Well Gas Well Other

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

2. Name of Operator Rosewood Resources, Inc.

8. Well Name and No. Marble Mansion #1

3a. Address P.O. Box 1668 Vernal UT 84078

3b. Phone No. (include area code) 435-789-0414

9. API Well No. 43-0147-31865

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SESE SEC 18 T11S R23E SLB&M

11. Country or Parish, State Uintah County, UT

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production, Water Shut-Off, etc.

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 recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please see attached rig reports for P&A of above mentioned well. Rosewood was not able to re-seed this location before snow fall. We will re-seed in the Spring or Fall of '09 per BLM's preference.

Thank You,

Jill Henrie Rosewood Resources, Inc.

RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jill Henrie

Title Administrative Assistant

Signature [Handwritten Signature]

Date 12/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Title Date

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

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ROSEWOOD RESOURCES, INC.

Daily Chronological Report

WELL NAME: Marble Mansion #1

API # 43-047-31865

SESE SEC 18 T11S R23E

Lease Number #UTU-73813A

County : Uintah

Engineer : J Watkins / K Carrigan

AFE Gross Estimate : 52,800

12/11/2008

Moved in P & A Rig and related equipment. ITP: 0 ICP: 600 Blew well down to pit. Secured well. SDFD

12/12/2008

Held Pre-job safety meeting, Job site orientation for safe operations. Rigged up P&A Rig. ND wellhead. NU BOPs. Tbnng stuck in hole. Calculated free-point at 3455'. Worked tbnng to 55k to try to free up. Tbnng parted. Tallied out of hole with 102 jnts of 2-3/8" 4.7# 8rd eue tbnng. (3201') Bottom 600' of tbnng corroded and pitted with heavy scale. Secured well. SDFD Per Ryan Angus BLM, will attempt to establish an injection rate into open perms and if successful will make a bit run then run a CICR to fish top and cement squeeze below.

12/13/2008

Held Pre-job safety meeting, Backhoe safety and hand signals. Loaded hole with 12 bbls of water. Established IR of 5 bpm at 50 psi. Ran 3-3/4" bit and casing scraper to tag at 3183'. Pulled bit and scraper. Ran CICR to 3151'. Set retainer. Established IR of 2 bpm at 500 psi. Communicated with annulus. Stung out of retainer and established IR of 2 bpm at 500 psi. POOH with tbnng and stinger. Established IR down surface casing annulus with 10 bbls of water, 5 bpm 50 psi. Wait on orders from BLM. Secured well. SDFD Loaded tbnng, and wellheads on Rainbow #1.

12/14/2008

Held Pre-job safety meeting, Winter driving. RIH with packer and hunted holes in casing. Found bad casing from 1628' to 3151'. Pulled packer. Per Ryan Angus BLM, RIH to 3120'. Mixed and pumped 100 sks of class G 15.8# cement in a 20 bbl slurry. Displaced with 9 bbls of water. Pulled 25 stands. WOC. Tagged cement plug at 3023. Pulled 6 stands. SDFD

12/15/2008

Held Pre-job safety meeting, Wireline operations safety. RIH and tagged cement plug at 2931'. Mixed and pumped 60 sks of class G 15.8# cement in a 12 bbl slurry. Displaced with 10 bbls of water. LD tbnng and stood back 18 stands. Wait on wireline. MIRU wireline. Wireline tagged plug at 2470'. Shot squeeze holes at 1250' and 400'. RDMO Wireline. SDFD

RECEIVED

DEC 24 2008

Marble Mansion #1

12/16/2008

Safety meeting – Tripping tubing icy and cold. Had to fill cementer and bring in from Bonanza. Had to chain up to get in. Had to chain up water truck to get water. PU 4 ½ "CICR, TIH tubing to 1157' and set CICR. Established injection rate of 3 bpm @400psi. Mix and pump 100 sacks under and 10 on top. OK by Bill Owen BLM . TOH and laid down tubing.

12/17/2008

Safety meeting – Rigging down ND BOP. Put donut on wellhead. Had problems with pump. Worked on it and got it running. Mixed and pumped 140 sacks cement down 4 ½ and up annulus. Good returns to surface. Witnessed and ok by Bill Owens, BLM. RDMO. Dug up wellhead and cut off. Moved rig and some equipment to new location.

12/18/2008

Pumped 15 sacks to bring cement to surface. OK and witnessed by Bill Owens, BLM
Welded on cap and information marker.
Backfilled wellbore

FINAL REPORT

RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MINING