

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
U-01470-A 21-7369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
River Bend

8. FARM OR LEASE NAME

9. WELL NO.  
RBU 15-23F

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T10S, R20E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR  
1643 Lewis Ave., Suite 202  
Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1054' FSL & 1442' FEL, SW SE Sec. 23  
910' 1301' SE  
 At proposed prod. zone Same **LOCATION CHANGE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
11.5 miles South of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1442'

16. NO. OF ACRES IN LEASE  
400

17. NO. OF ACRES ASSIGNED TO THIS WELL  
640

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

19. PROPOSED DEPTH  
6300'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5181' G.L.

22. APPROX. DATE WORK WILL START\*  
7-15-80

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#	400'	Cmt to surface
7-7/8"	4-1/2"	9.5 & 10.5#	6300'	Cmt to surface

1. Drill a 12-1/4" hole with an air rig to 400'. Run 8-5/8", H-40 casing and cement to surface.
2. NU and pressure test BOP stack prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 6300' with a salt water mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
5. Run logs. Set 4-1/2", 9.5 & 10.5#, K-55 or 5-1/2", 14# & 15.5#, K-55 casing as dictated by drilling shows, tests and logs. Casing program may be modified to provide added burst strength if needed for frac program.
6. Primary zones of interest are the Chapita Wells and Uteland Buttes sections of the Wasatch.
7. All zones indicating potential for economically recoverable reserves will be tested in a normal, prudent manner.  
SEE BACK FOR FORMATION LOG TOPS

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 Richard Baumann TITLE Engineering Technician DATE 6-6-80  
 (This space for Federal or State office use)

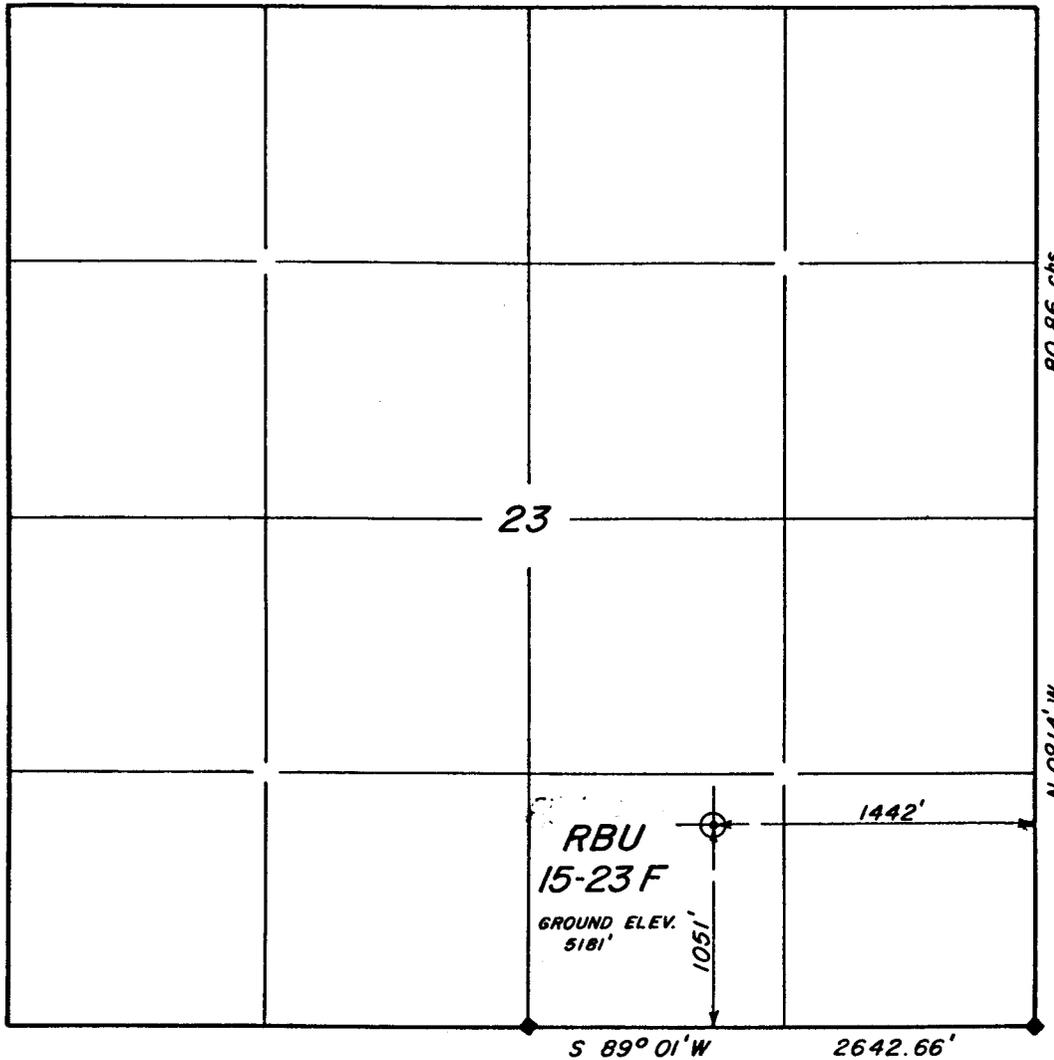
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE OCT 24 1980  
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
 \*See Instructions On Reverse Side  
 FLOWING OR VENTING OF GAS IS SUBJECT TO NTL 4A DATED 1/1/80

NOTICE OF APPROVAL  
*State Oil & Gas*  
**Production Facilities and Flowline NOT Approved**

**MAPCO, INC.**  
**WELL LOCATION PLAT**  
**R.B.U. 15-23F**

LOCATE THE  $\frac{1}{4}$  OF THE SE $\frac{1}{4}$  OF SECTION 23, T10S, R20E, S. L. B. & M.



80.86 chs.



SCALE: 1"=1000'

N 0°14' W

**RBU**  
**15-23 F**  
 GROUND ELEV.  
 5181'

1442'

S 89° 01' W

2642.66'

*Exhibit A*

**LEGEND & NOTES**

- ◆ Found brass cap on pipe monuments used for this survey.

The General Land Office plat was used for reference and calculations.

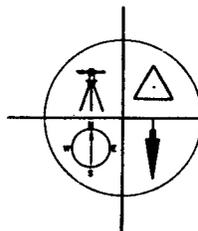
**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

*Jerry D. Allred*  
 \_\_\_\_\_  
 Jerry D. Allred, Registered Land Surveyor, Cert. NO. 3817 (Utah)

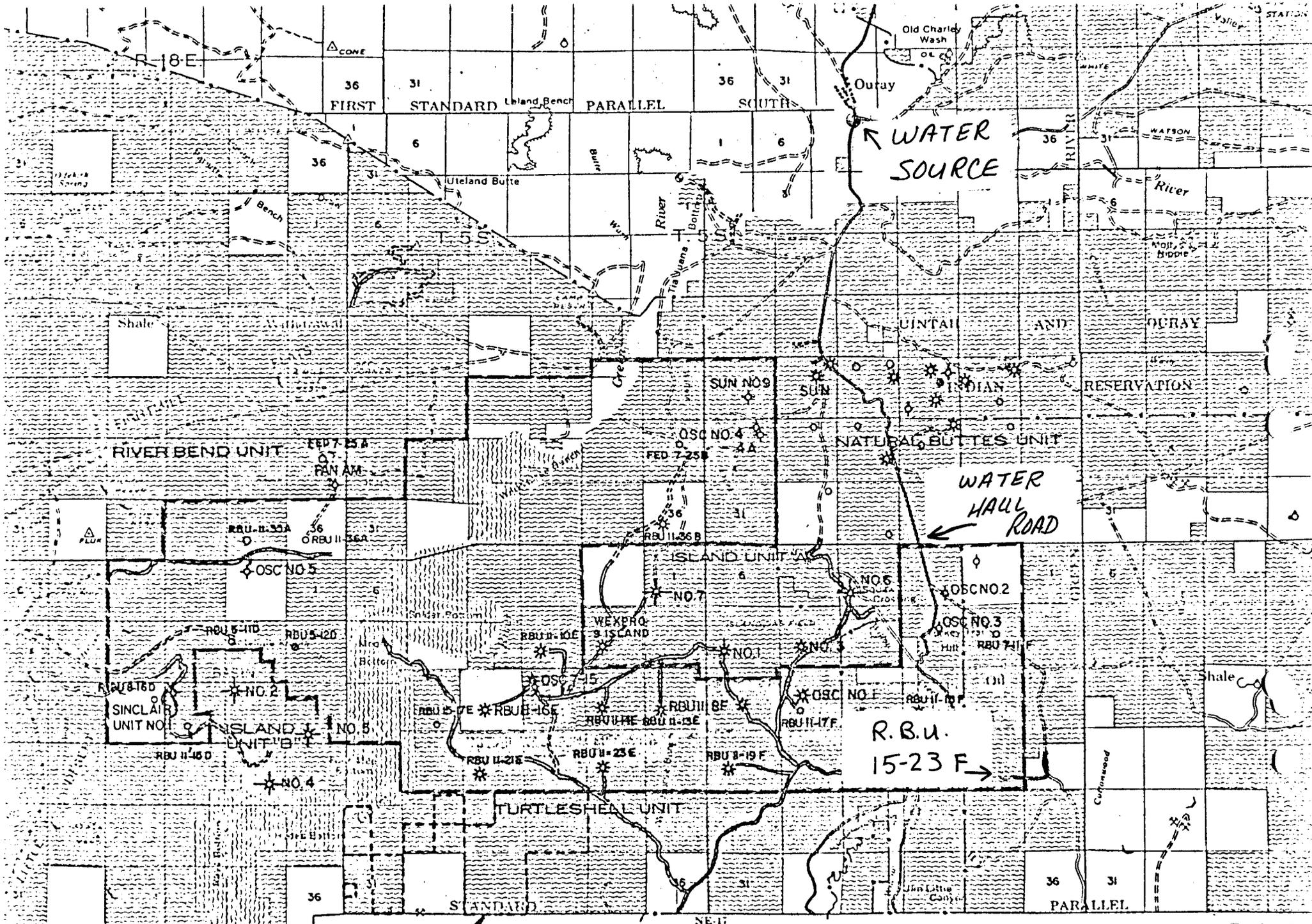
79-128-030

13 May 1980



**JERRY D. ALLRED & ASSOCIATES**  
 Surveying & Engineering Consultants

121 North Center Street  
 P.O. Drawer C  
 DUCHESNE, UTAH 84021  
 (801) 738-5352



R. 18 E.

MAPCO ACREAGE R. 19 E.

NE 17  
AUG. 1975  
(REVISED)

R. 20 E.

R. 21 E.

Exhibit  
D.

Oil and Gas Drilling

EA # 505-80

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: July 16, 1980

Operator: MAPCO Production . Project or Well Name and No.: RBU 15-23-F

Location: 910' FSL & 1301' FEL Sec. 23 T.10S R. 20 E

County: Uintah State: Utah Field/Unit: River Bend Unit

Lease No.: U-01470 **7369** Permit No.:

Joint Field Inspection Date: July 16, 1980

Prepared By: Craig Hansen

Field Inspection Participants, Titles and Organizations:

Craig M. Hansen	USGS-Vernal
Cory Bodman	BLM-Vernal
Thomas Todd	MAPCO Production
Paul Renoylds	MAPCO Production
Don Holliman	MAPCO Production
Darwin Kulland	MAPCO Production

Related Environmental Analyses and References:

Book Cliffs Planning Unit

*Admin Compl?*  
*Rec 1980 8 27 75*  
*pt 150*  
*1980*  
*1982*  
*Site State Star*  
*→ Cond? 1987*  
*1-5*

sk 8-12-80

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah  
County: Uintah

910 FSL, 1301 FEL, 1/4 1/4

Section 23 T 10S, R 20E        M.

2. Surface Ownership Location: Public  
Access Road: Public

Status of  
Reclamation Agreements:

NA

3. Dates APD Filed: June 16, 1980  
APD Technically Complete: June 26, 1980  
APD Administratively Complete: *Oct. 20, 1980*

4. Project Time Frame

Starting Date: Upon approval

Duration of Drilling activities: 25 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad about 190' wide x 400' long and a reserve pit 150' x 175' would be constructed. Approximately .8 miles of new access road, averaging 18' driving surface, would be constructed from a maintained road. 4.1 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'.
2. Drilling
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved. SE 45° at a distance of 200' to reduce cuts and fills and drainages. The new location is 910 FSL 1301 FEL

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: Uintah Basin: Province

The area consists of weathered sandstone and shale and buttes and bluffs of the Uinta formation. These buttes and bluffs are relatively flat on top with steep weathered sides. The valleys that surround the buttes and bluffs slope gently to rugged dissected dendritic drainage patterns. This type of drainage is usually non-perennial in nature.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected:

Possible oil shale in Green River fm and Uinta fm Possible small saline pods in Green River fm.

Information Source: Mineral Evaluation Report.

2. Hazards:

a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Field Observation

b. Subsidence: Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source: Environmental Geology "EA Teller" Physical Geology, Leet and Judson

c. Seismicity: The area is considered a minor risk-no preventive measures or plans have been presented by the operator.

Information Source: "Geologic Atlas of Rocky Mountain Region,"

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch. Although slight over pressuring may be expected in the upper Wasatch FM.

Information Source: APD MER

B. Soils:

1. Soil Character: Is a deep mildly to strongly alkaline soils, The surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fulvic washes.

Information Source: Soils of Utah, Wilson F.O.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B., Leopold, M. Gordon Wolman, and John P. Miller, 1964. "Soils of Utah," Wilson.

C. Air Quality: The area is in a class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information source: Utah State Health Dept/Air Quality Bureau in Salt Lake City Utah.

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains NorthWest by nonperennial drainage to the Green River seven miles NorthWest of the location.

Information Source: APD, Field Observation Lyte, Phillips, (pers. comm.)

b. Ground Waters: Ground water is anticipated in the Birds-eye member of the Green River Formatuion and other less productive aquifers of the Green River Formation.

Information Source: Mineral Evaluation Report

2. Water Quality

a. Surface Waters: No contamintion of surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field Observation

b. Ground Waters: Some minor pollution of ground water systems <sup>could</sup> would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination, and commingling of formations via the wellbore would be prevented by an adequate responce drilling fluid program. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan.

Information Source. 10-Point Plan

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from BLM Vernal on July 24, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Cactus, Chadscale, rabbit brush, Halogeten, sagebrush and mammalary Cactus exist on or near the location.

Information Source: Field Observation

3. Fauna: Deer, Antelope, Small Rodents, Birds and Reptiles, Foxes, Coyotes and Domestic Livestock exist on or near the location.

Information Source: Field Observation

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, Field Observation, SMA Representative

2. Affected Floodplains and/or Wetlands: N/A

Information Source: F.O.

3. Roadless/Wilderness Area: N/A

Information Source: F.O.

H. Aesthetics: Operations do not blend in with natural surroundings and could present a visual impact. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation

I. Socioeconomics: Drilling and production operations are small in size, but contribute substantial financial income to residents of the surrounding area. Local people are used whenever possible. This allows greater economic development of the area.

Information Source: C.M. Hansen, resident of the Uintah Basin

J Cultural Resources Determination: Based on the formal comments received from BLM Vernal on 7-24-80 we determine that there will be no effect on cultural resources.

Information Source: SMA Concurrence

L. Adequacy of Restoration Plans: Meet the minimum requirements of NTL-6. The erodibility of area soils could hamper restoration which should commence immediately after drilling or completion. The areas short growing season and limited precipitation govern restoration success.

Information Source: APD. Cody M. Hansen, Environmental Scientist. Field Observation

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

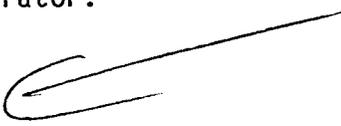
- a. About 4.1 acres of vegetation would be removed, increasing and accelerating erosion potential.
- b. Pollution of groundwater systems <sup>could</sup> occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to Green River would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations.
  2. See attached BLM Stipulations.
  3. Rotate pad 180° to accomodate reserve pit in fill material.
  4. Move location 200° SE at a 45° angle to reduce cut and fill and drainage problems.
  5. Access road will be diked and water bars to be placed on inside of road cut to reduce erosion.
- 

Controversial Issues and Conservation Division Response:

No Controversial issues were found by the writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

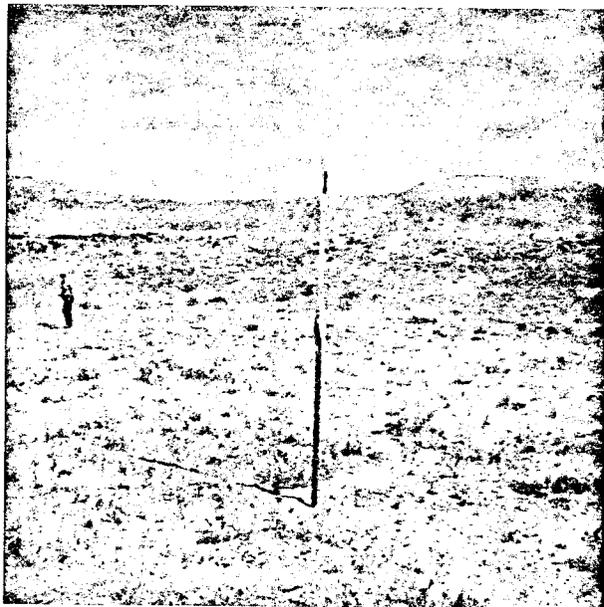


DISTRICT ENGINEER

AUG 12 1980

Signature & Title of Approving Official

Date



MARCO  
RBA-15-23F  
Looking North.

FROM: : DISTRICT GEOLOGIST, NE, SALT LAKE CITY, UTAH  
TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

Greg

LEASE NO. U-01470-A

OPERATOR: Mapco

WELL NO. RBU 15-23F

LOCATION: NE 1/4 SW 1/4 SE 1/4 sec. 23, T. 10 S., R. 20 E., SLM  
Uintah County, Utah

1. Stratigraphy: Operator tops appear reasonable

Uintah	surface
Green River	1140'
Wasatch	4460'
Chapita Wells	5720'
Uteland Buttes	6160'
<u>TD</u>	<u>6300'</u>

2. Fresh Water:

Fresh water possible in the Uintah 0-500'. Green River has 2 aquifers in this area whose waters should not mix. Birds Nest aquifer (~ 1650') & Douglas Creek (~ 2450').

3. Leasable Minerals:

Oil Shale in the Green River.

Mahogany zone should occur at ~ 1780'.

Land is also prospectively valuable for Gilsonite and there are several mapped veins which occur close (surrounding few miles) to this location.

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected.

6. References and Remarks:

Signature: Gregory W. Wood Date: 6-25-80

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 MAPCO Production Company  
 Alpine Executive Center

3. ADDRESS OF OPERATOR  
 1643 Lewis Ave., Suite 202  
 Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1051' FSL & 1442' FEL, SW SE Sec. 23  
 910' 1301' SE  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 11.5 miles South of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1442'

16. NO. OF ACRES IN LEASE  
 400

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 640

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

19. PROPOSED DEPTH  
 6300' DST

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5181' G.L.

22. APPROX. DATE WORK WILL START\*  
 7-15-80

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#	400'	Cmt to surface
7-7/8"	4-1/2"	9.5 & 10.5#	6300'	Cmt to surface

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01470-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 River Bend

8. FARM OR LEASE NAME

9. WELL NO.  
 RBU 15-23E

10. FIELD AND POOL, OR WILDCAT  
 Southman Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 23, T10S, R20E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

- Drill a 12-1/4" hole with an air rig to 400'. Run 8-5/8", H-40 casing and cement to surface.
- NU and pressure test BOP stack prior to drilling out below surface pipe.
- Test pipe rams daily and blind rams as possible.
- Drill a 7-7/8" hole to 6300' with a salt water mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
- Run logs. Set 4-1/2", 9.5 & 10.5#, K-55 or 5-1/2", 14# & 15.5#, K-55 casing as dictated by drilling shows, tests and logs. Casing program may be modified to provide added burst strength if needed for frac program.
- Primary zones of interest are the Chapita Wells and Uteland Buttes sections of the Wasatch.
- All zones indicating potential for economically recoverable reserves will be tested in a normal, prudent manner.  
 SEE BACK FOR FORMATION LOG TOPS

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 Richard Baumann TITLE Engineering Technician DATE 6-6-80  
 Richard Baumann

(This space for Federal or State office use)

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

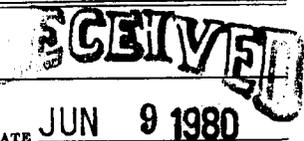
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 9 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF  
 OIL, GAS, AND MINING

DATE: 6-12-80

BY: W. J. [Signature]



DIVISION OF  
 OIL, GAS & MINING

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

### FORMATION LOG TOPS

Uintah	Surface
Green River	1142'
Wasatch	4460'
Chapita Wells	5118'
Uteland Buttes	6158'
T.D.	6300'

TEN-POINT COMPLIANCE PROGRAM OF NTL-6  
APPROVAL OF OPERATIONS

Attached to Form 9-331C

Company: MAPCO PRODUCTION COMPANY

Well: RBU 15-23F

Well Location: 1051' FSL & 1442' FEL, SW SE

Section 23, T10S, R20E

County: Uintah

State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uintah	Surface
Green River	1142'
Wasatch	4460'
Chapita Wells	5118'
Uteland Buttes	6158'
T.D.	6300'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
X Marker	1842'	Oil zone
Brown Zone	3942'	Oil zone
Chapita Wells	5118'	Gas zone

4. The Proposed Casing Program

<u>SIZE OF CASING</u>	<u>WEIGHT &amp; GRADE</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
8-5/8"	24#, H-40	400'	Cmt to surface
4-1/2"	9.5# & 10.5#, K-55	6300'	Cmt to surface

5. The Operator's Minimum Specifications for Pressure Control

See Figure #1, attached.

BOP stack has a 3000 psi working pressure. BOP's will be pressure tested before drilling casing cement plugs.

Pipe rams will be operated daily and blind rams as possible.

6. The Type and Characteristics of the Proposed Circulating Muds

The well is to be drilled with a saltwater mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control.

7. The Auxiliary Equipment to be Used

1.) Kelly cock.

2.) Full opening valve on floor with DP connection for use when Kelly is not in string.

3.) Pit volume totalizer equipment will be used.

8. The Testing, Logging, and Coring Programs to be Followed

A mud logger will be used from Surface to T.D. No drill stem tests will be run. No coring will be done. The logging program will include Dual Laterolog BHC Sonic-Neutron with F log, caliper, and G.R. from T.D. to 3200'. Gamma Ray will be run from T.D. to surface.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

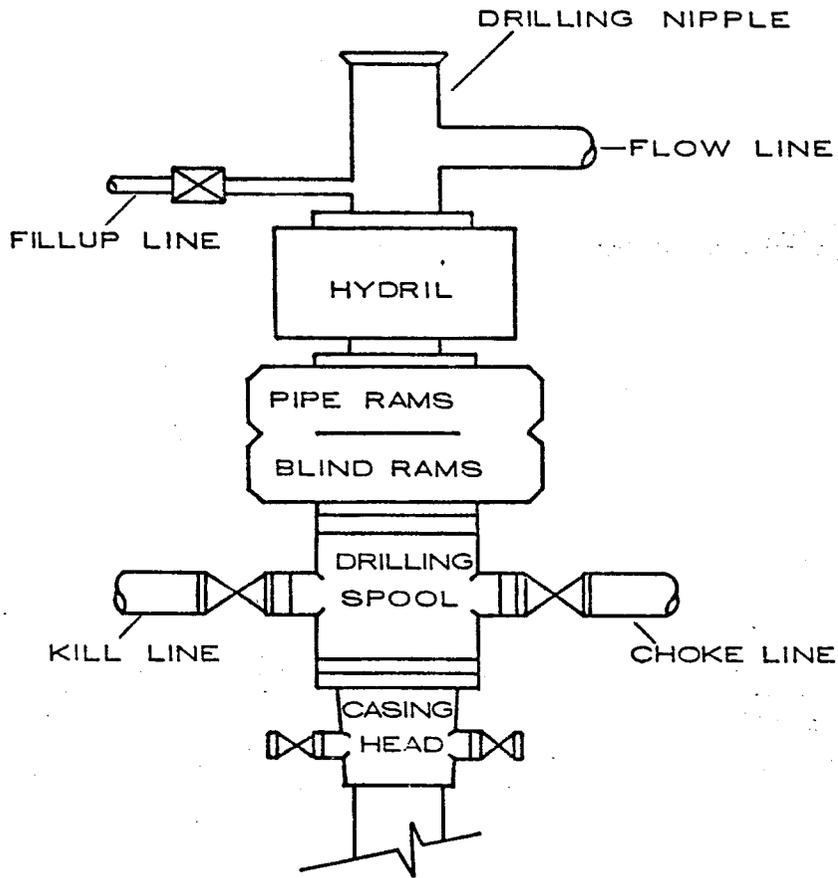
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date: 7-15-80

Duration: 25 Days

# BOP STACK



# CHOKER MANIFOLD

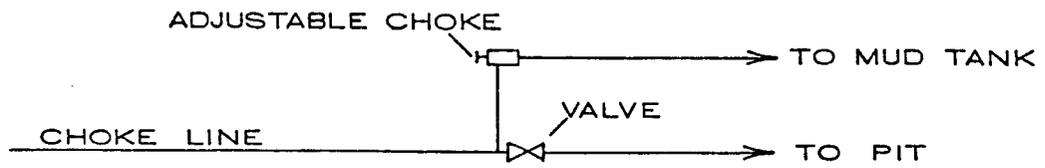


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY: MAPCO PRODUCTION COMPANY

WELL: RBU 15-23F

WELL LOCATION: 1051' FSL & 1442' FEL SW SE

Section 23, T10S, R20E

County: Uintah

State: Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as Exhibit A.
- B. Location is as shown in Exhibit B.
- C. An access road of about .8 mi will be needed to reach the location from the existing road as shown in Exhibit B.
- D. All existing roads are shown on Exhibit B.
- E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

1. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for borrow ditches.
2. Maximum grade: 8%
3. Turnouts: None
4. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from borrow ditch used to build crown of road. As per meeting with BLM, BIA & USGS on May 3, 1979. No speed curves on hills.
5. Culverts: None
6. Surface materials: Native dirt.
7. Gates, cattleguards, fence cuts: None

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the one-mile radius.

1. Water wells: None
2. Abandoned wells: None
3. Temporarily abandoned wells: None
4. Disposal wells: None
5. Drilling wells: None
6. Producing wells: Three, Section 24, 25, 26, T10S, R20E.
7. Shut-in wells: None
8. Injection wells: None
9. Monitoring or observation wells: None

4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank batteries: None
2. Production facilities: None
3. Oil gathering lines: None
4. Gas gathering lines: None

5. Injection Lines: None
6. Disposal Lines: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No flagging then will be needed.

2. The dimensions of the production facilities and the location of facilities is drafted on Exhibit C. If production is obtained, then the unused areas will be restored as later described.
  3. Concrete as needed and any gravels needed will be purchased from private sources.
  4. All pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.
- C. Rehabilitaion, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit D.

- A. Water will be hauled by truck from Ouray, Utah.
- B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit D.
- C. No water well is anticipated to be drilled at this time.

6. Source of Construction Materials

- A. No construction material, insofar as drilling, will be needed.
- B. No construction materials will be obtained from Federal or Indian land.
- C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.
- D. Access roads crossing federal lands are shown under Item

7. Handling Waste Disposals

1. Drill cuttings will be buried in the reserve pit when covered.
2. Drilling fluids will be handled in the reserve pit.
3. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

4. Any sewage will be covered or removed and chemical toilets will be provided.
5. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.
6. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.

#### 8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be constructed during the drilling or completion of this well.

#### 9. Well Site Layout

1. Exhibit E is the drill pad layout on a scale of 1" = 40'.
2. & 3. Exhibit E is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the NE side of the area as shown. The access road will be from the NE. Soil stockpiles are also shown on Exhibit E.
4. The reserve pit will not be lined. Steel mud pits may be used, at least in part, during drilling operations.

#### 10. Plans for Restoration

1. Backfilling, leveling and gentle sloping is planned and will be accomplished as soon as possible after plugging or setting of production casing. Waste disposal and spoils materials will be buried or hauled away immediately after operations cease from drilling and/or completion.
2. The soil banked materials will be spread over the area and gentle sloping or contouring to meet the existing terrain. Revegetation will be by planting of native vegetation to the area or some other combination as recommended by The Bureau of Land Management.

The access road to the drill pad will be revegetated, if needed. Any damage to present existing roads will be repaired as needed.

3. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished. The reserve pit will have fencing on three sides during drilling.

4. If any oil is on the pits, and is not immediately removed after operations cease, then the pit will be flagged overhead to keep birds and fowl out.
5. The commencement of rehabilitation operations will begin as soon as possible after drilling ceases. Planting will be planned as suggested by BLM.

#### 11. Other Information

1. Topography: The location is situated on a low ridge with hills to the North & East, and broken ground descending South & West.

Soil Characteristics and Geologic features: The soils of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sandstone & Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with out crops of rock (sandstone, mudstone, conglomerates and shales).

Flora: Areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth.

Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, mag pies, crows and jays.

2. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

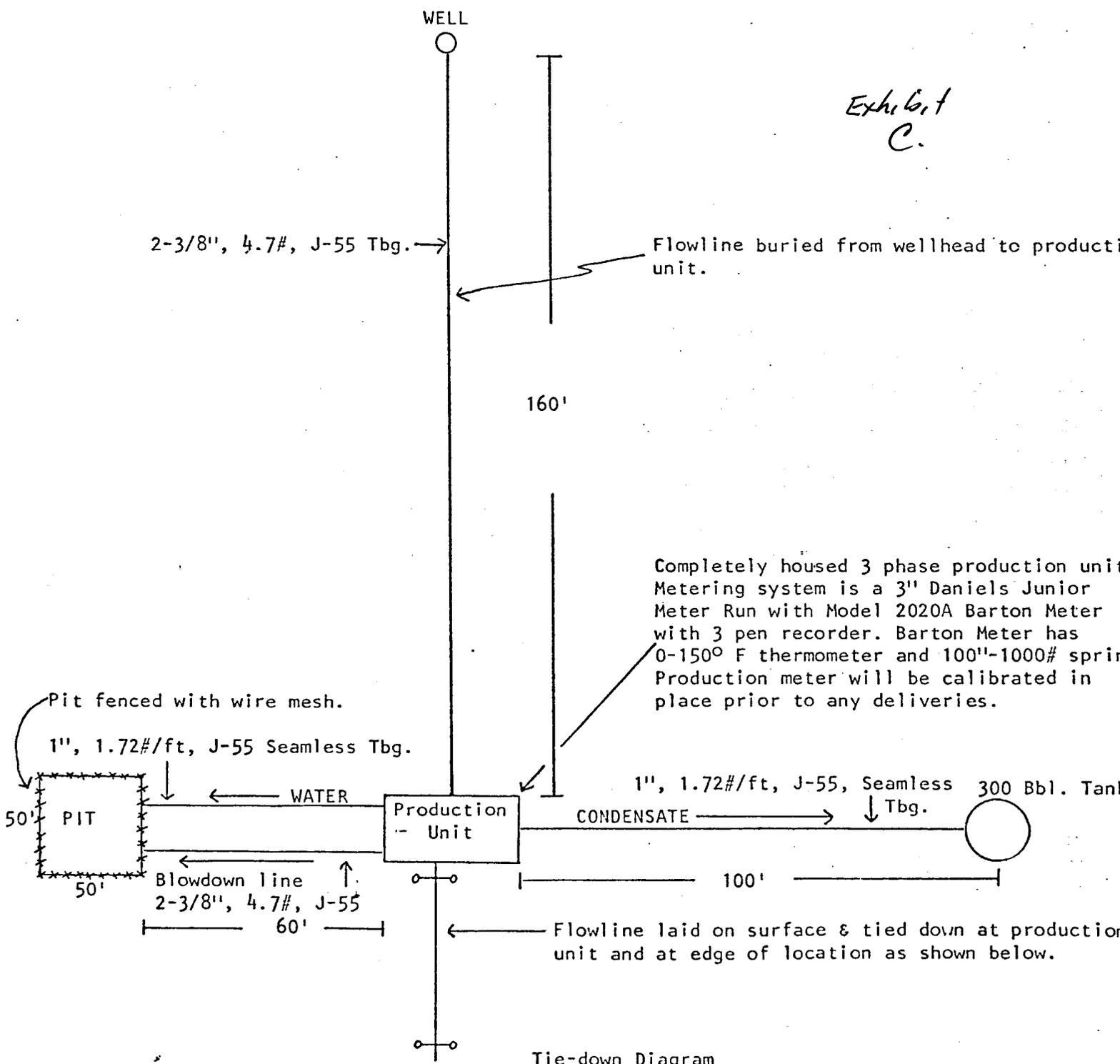
3. Proximity of usable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B):

Archaeological or historical sites (if any, shown on Exhibit B):  
An archaeological study has been done by A.E.R.C. of Bountiful, Utah.  
No archaeological or historical sites were found (See Exhibit F).

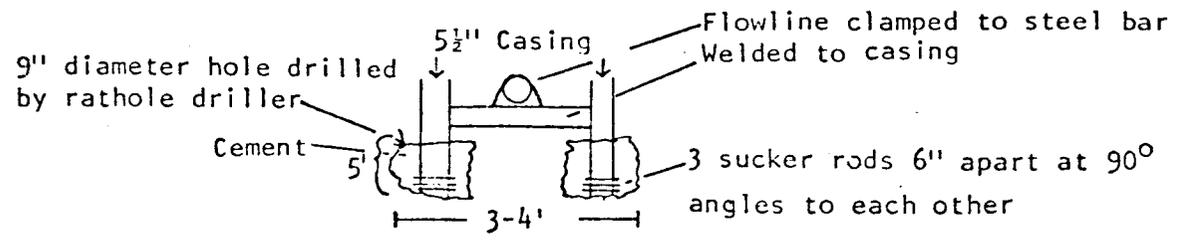


Exhibit  
C.



Completely housed 3 phase production unit. Metering system is a 3" Daniels Junior Meter Run with Model 2020A Barton Meter with 3 pen recorder. Barton Meter has 0-150° F thermometer and 100"-1000# spring. Production meter will be calibrated in place prior to any deliveries.

Tie-down Diagram



Mapco  
23-105-20E

Greg

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-01470-A Well No. RBL 15-23F

1. The location appears potentially valuable for:

strip mining\*

underground mining\*\* *oil shale*

has no known potential. *possible gilsonite veins locally*

2. The proposed area is

under a Federal lease for \_\_\_\_\_ under the jurisdiction of this office.

not under a Federal lease under the jurisdiction of this office.

Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

\*If location has strip mining potential:

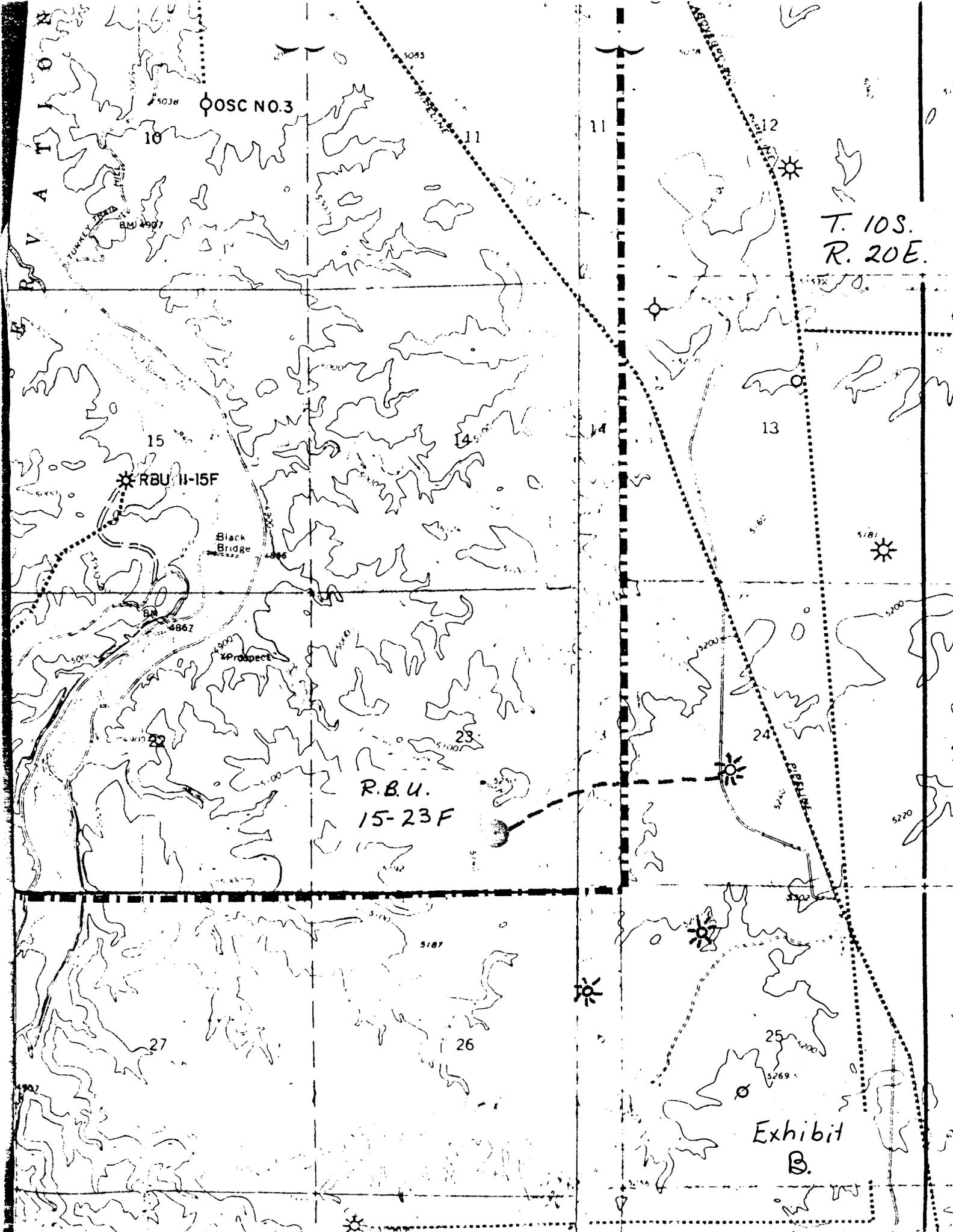
Surface casing should be set to at least 50 feet below the lowest strip minable zone at \_\_\_\_\_ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

\*\*If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen J. [Signature]

✓



OSC NO. 3

10

11

12

T. 10S.  
R. 20E.

15

14

13

RBU II-15F

Black  
Bridge

R.B.U.  
15-23F

24

22

23

25

27

26

Exhibit  
B.

V  
A  
T  
I  
O  
N

TUNNEY ROAD

PIPER ROAD

PROSPECT

5038

4997

5045

4867

1500

5100

5187

5200

5269

5270

5200

5181

5180

4907

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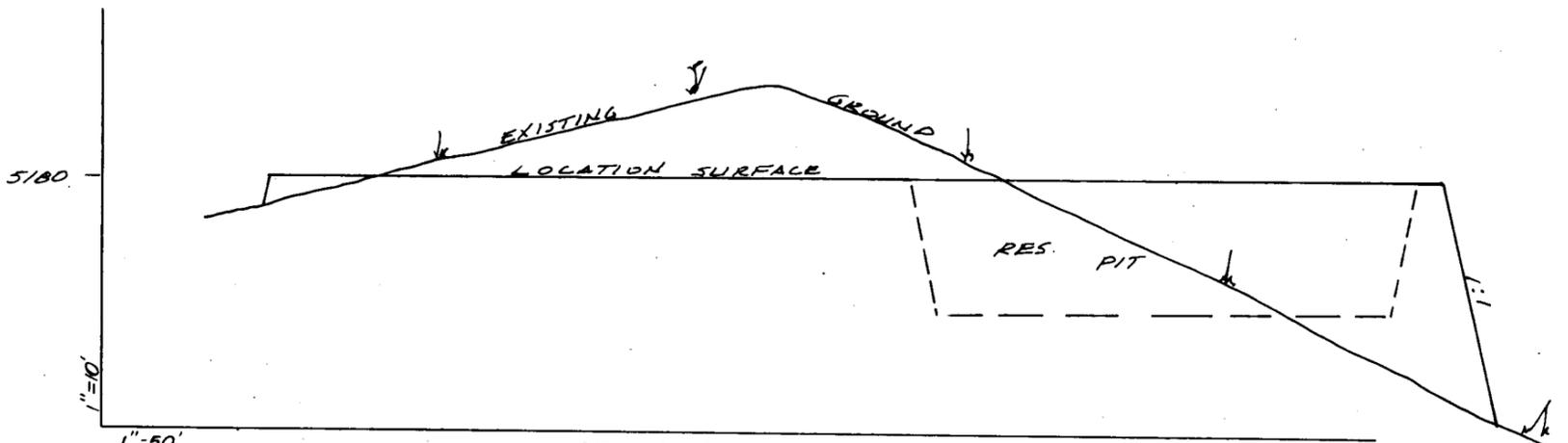
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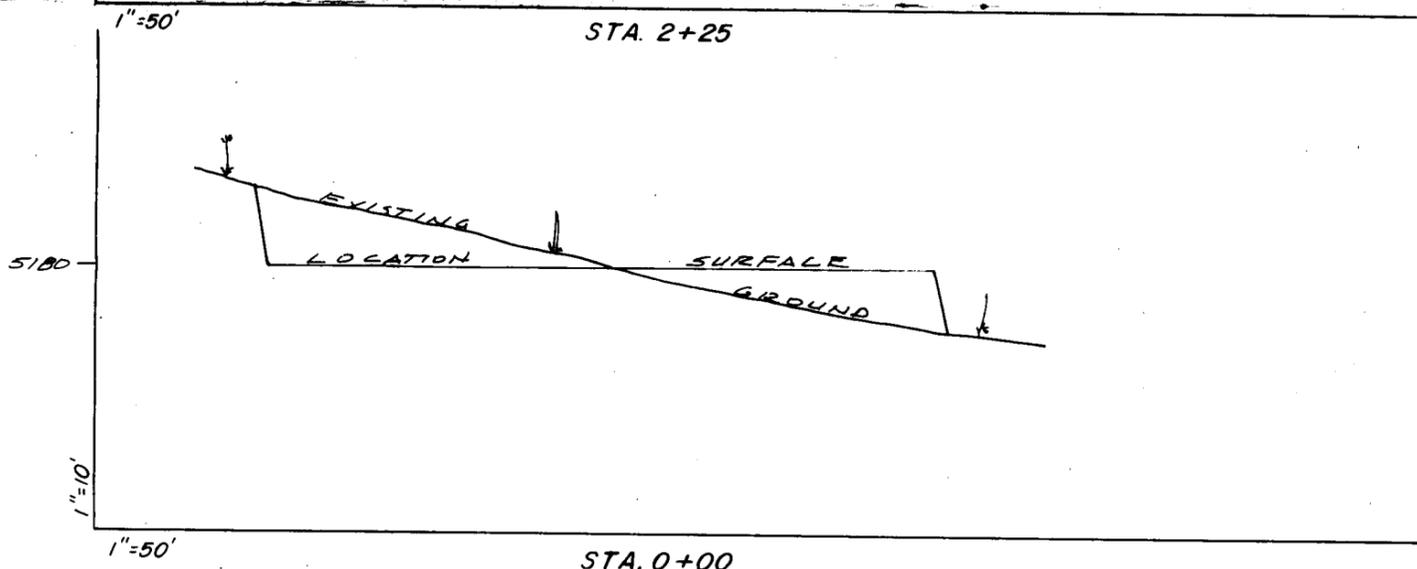
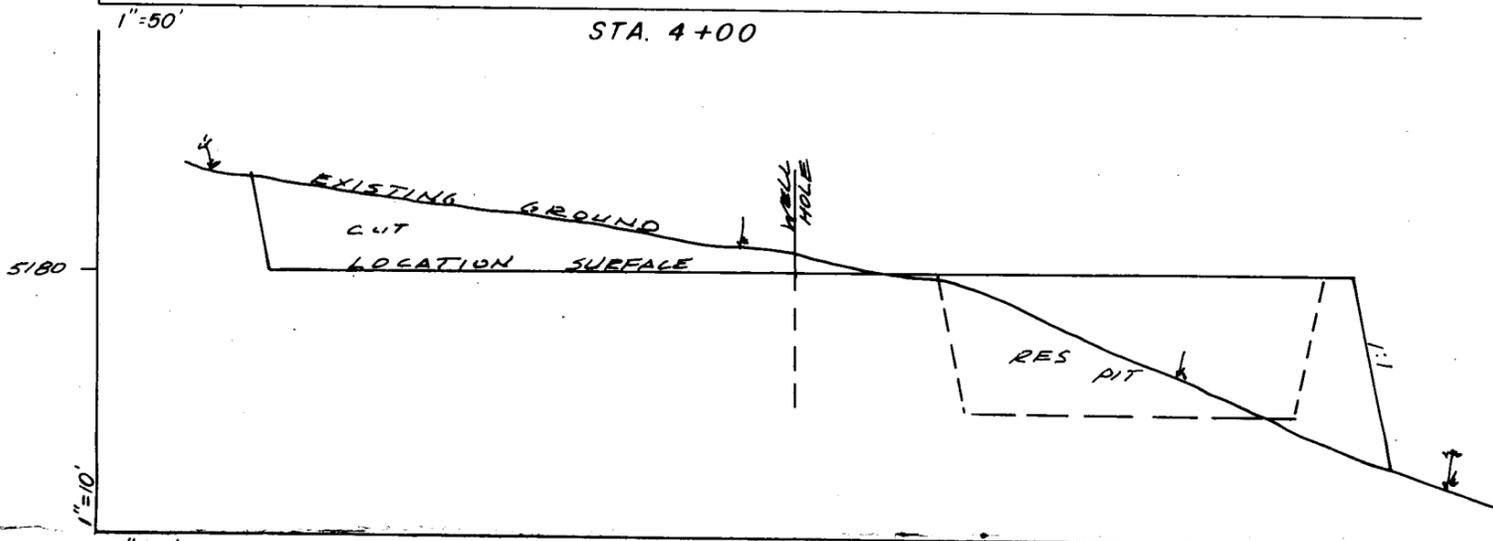
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STA. 4+00



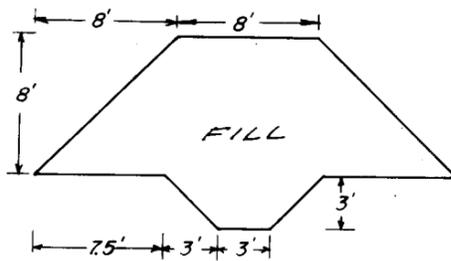
2+25



APPROXIMATE QUANTITIES

CUT: 8900 CU. YDS.

FILL: 3250 CU. YDS



KEYWAY A-A

Exhibit E



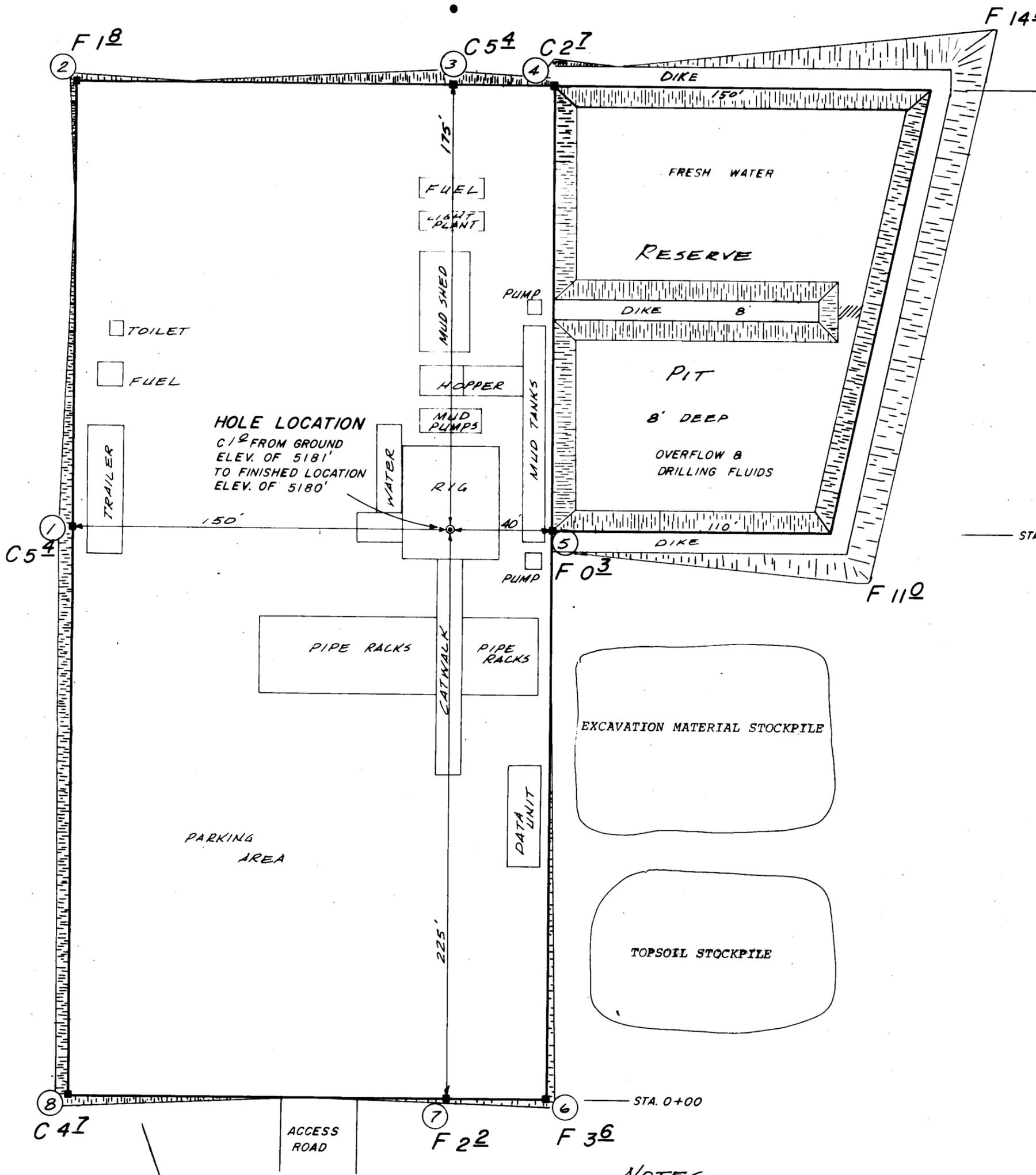
**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5252

# MAPCO

## RBU 15-

### LAYOUT



#### NOTES

THE LOCATION IS LOCATED ON A LOW RIDGE WITH HILLS TO THE NORTH AND EAST AND BROKEN GROUND DESCENDING SOUTH AND WEST. SOIL IS LIGHT BROWN SANDY CLAY & SANDSTONE.

SCALE  
1" = 40'

\*\* FILE NOTATIONS \*\*

DATE: June 9, 1980

OPERATOR: MAPCO Production Company, Alpine Executive Ctr.

WELL NO: RBU 16-23F

Location: Sec. 23 T. 10S R. 20E County: Wintah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30719

CHECKED BY:

Petroleum Engineer: M.S. Minder 6-12-80

Director: \_\_\_\_\_

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation 3rd Unit

Plotted on Map

Approval Letter Written

Hot Line

P.I.

*Unit*

June 12, 1980

Mapco Production Company  
Alpine Executive Center  
1643 Lewis Ave., Suite 202  
Billings, Montana 59102

Re: RBU 4-11D, Sec. 11, T. 10S, R 18 E., Uintah County, Utah  
RBU 15-23F, Sec 23, T. 10S, R 20 E., Uintah County, Utah  
RBU 7-3E, Sec 3, T. 10S, R 19 E., Uintah County, Utah  
RBU 7-36B, Sec 36, T. 9S, R 19 E., Uintah county, Utah  
RBU 11-24B, Sec 24, T. 9S, R 19 E., Uintah County, Utah  
RBU 11X-36B, Sec 36, 9S, R 19 E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, Federal Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. Minder - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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

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

The API numbers assigned to these wells are RBU 4-11D: 43-047-30718, RBU 15-23F 43-047-30719, RBU 7-3E: 43-047-30720, RBU 7-36B: 43-047-30721, RBU 11-24B: 43-047-30722 RBU 11X-36B: 43-047-30723.

Sincerely,  
DIVISION OF OIL, GAS, MINING

Michael T. Minder  
Petroleum Engineer



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-802

BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

July 21, 1980

Ed Guynn, District Manager  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Mapco Production Co.  
River Bend Unit  
Well # 15-23F Sec. 23,  
T10S, R20E. Well #7-3E  
Sec. 3, T10S, R19E,  
Well #11-24B Sec. 24,  
T9S, R19E.

Dear Mr. Guynn:

A joint field examination was conducted on July 16, 1980, on the above referenced wells and access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construct and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Travelling off access road rights-of-way will not be allowed. The maximum width of access road will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required.
3. The BLM will be contacted at least 24 hours prior to any construction activities.
4. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



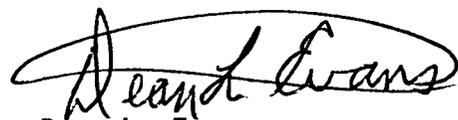
5. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.
6. The reserve pits will be fenced on three sides when drilling operations commence and fenced on the fourth side upon removal of the drilling rig.
7. Topsoil will be stock piled as addressed in the applicants 13 point plan, with the following amounts removed for topsoil:
  - Well #15-23F - Top 2-4 inches of soil
  - Well #7-3E - Top 2-3 inches of soil
  - Well #11-24B - Top 2-3 inches of soil
8. The dimension of the reserve pits at well #7-3E were changed from 175 ft by 187 ft. by 113 ft. to 175 ft. by 150 ft. by 88 ft.
9. The pad location for well #15-23F was moved 200 feet to the S.E. and the pad layout was rotated 180°.

An archaeological study was conducted by Archeological Environmental Research Corporation of Salt Lake City. Provisions were made to avoid all reported sites; thus no reported sites will be disturbed.

The proposed activities do not jeopardize listed, threatened or endangered flora, fauna or their habitats.

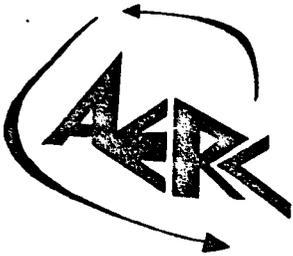
The BLM representative will be Ron Rogers, (801-789-1362).

Sincerely,



Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010  
Tel: (801) 292-7061 or 292-9668

May 23, 1980

**Subject:** Archeological Reconnaissance of Drill Locations  
in the Green River/River Bend Locality of Uintah  
County, Utah

**Project:** Mapco, Inc., 1980 Drilling Exploration in the  
Uintah Basin - Locations: RBU 4-11D, 5-11D,  
5-12D, 11-24B, 7-36B, 7-3E, 11-22E, 15-23F

**Project No.:** MPC-80-4

**Permit:** U.S. Dept. of Interior - 80-Ut-069

**To:** ✓ Mr. Gary Evertz, Mapco, Inc., Alpine Executive  
Center, 1643 Lewis Avenue, Suite 202, Billings,  
Montana 59102

Mr. Darwin Kulland, Mapco, Inc., P.O. Box 1360,  
Roosevelt, Utah 84066

Mr. Ronald S. Trogstad, Acting District Manager,  
Bureau of Land Management, 17 South 500 East,  
Vernal, Utah 84078

Mr. Ralph Heft, Manager, Diamond Mountain Resource  
Area, Bureau of Land Management, P.O. Box F,  
Vernal, Utah 84078

Mr. Dean Evans, Manager, Book Cliffs Resource  
Area, Bureau of Land Management, Vernal District  
Office, 170 South 500 East, Vernal, Utah 84078

Mr. E. W. Guynn, Office of District Engineer,  
US. Geological Survey, Oil & Gas Operations, Con-  
servation Division, 2000 Administration Bldg.,  
1745 West 1700 South, Salt Lake City, Utah 84104

Mr. Richard Fike, BIM Archeologist, Bureau of  
Land Management, University Club Bldg., 136 East  
South Temple, Salt Lake City, Utah 84111

**Info:** Dr. David Madsen, State Archeologist, Antiquities  
Section, 307 W. 200 S., Suite 1000, Salt Lake City,  
Utah 84101

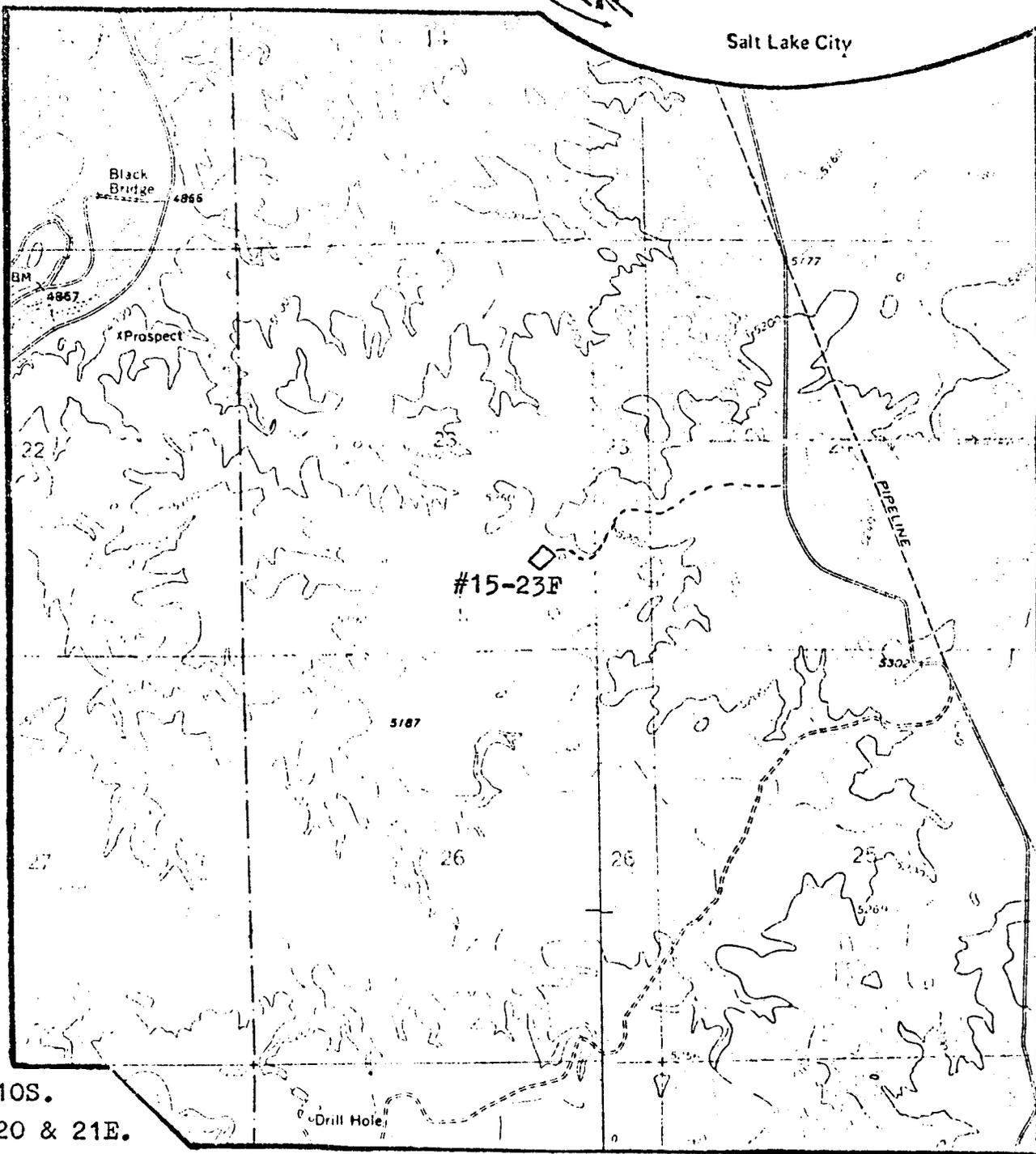
*Exhibit F*



10. (continued) Also, a ten acre area was examined for Well RBU 4-11D which had not been previously staked (see map 6). The perimeter was flagged in yellow.
13. (continued) For this reason, the entire surface area below the road (south) to the wash was examined, from the point eastward where the road crosses the wash to the drill location, in order to possibly re-route the road away from the rock shelter area. A sparse surface quarry AERC 431N/2 (42Un898) was discovered on the access road and the perimeter was flagged in blue.
17. (continued) the easy accessibility after the road is constructed.  
3) AERC also recommends monitoring of grading operations near site 42Un898 to improve the existing road. 4) Also that all vehicular traffic, personnel movement and construction be confined to the locations examined and to access roads leading into these locations. 5) And that all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area. 6) Also, that a qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.



Salt Lake City



I. 10S.  
R. 20 & 21E.

Meridian: Salt Lake B. & M.

Quad:

Project: MPC-80-4  
Series: Uintah Basin  
Date: 5/16/80

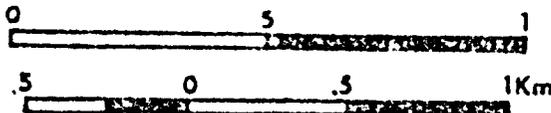
Map 1  
MAPCO, RIVER BEND  
WELL LOCATION #15-23F  
LOCATED IN THE  
BIG PACK MOUNTAIN LOCALITY  
OF  
UINTAH COUNTY, UTAH

Big Pack Mtn. NE &  
NW, Utah  
7.5 Minute  
USGS



Legend:

Well location □  
Access Route - - - - -



Scale



United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

Well # RBU15-23  
23-10S-20E  
Mapco Prod. Co.  
Quinta County  
E.B. # SDS-80

Mr. Peter Rutledge  
Area Oil Shale Supervisor  
Area Oil Shale Office  
131 North Sixth, Suite 300  
Grand Junction, Colorado 81501

RECEIVED  
JUN 28 1980  
OFFICE OF  
OIL SHALE SUPERVISOR  
U.S. G.S.

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

U.S. Geological Survey  
8440 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Mapco 15-23 F  
Sec. 23, T. 10 S., R. 20 E.

June 27, 1980

Proposed casing and cementing program indicates that casing will be set with cement circulated to the surface. This program is acceptable for protection of the Green River oil shale section and aquifers.

Ray Brady  
Geologist

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other \_\_\_\_\_

2. NAME OF OPERATOR MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1303' FEL & 959' FSL (SE SE)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Change well name &amp; legal location</u>	

5. LEASE  
U-7369

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

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME  
\_\_\_\_\_

9. WELL NO.  
RBU 16-23F

10. FIELD OR WILDCAT NAME  
\_\_\_\_\_

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 23, T10S, R20E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.  
43-047-30719

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5185'

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

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

At the joint inspection of the RBU 15-23F, the BLM, USGS & MAPCO representatives determined that the best location for the well would be to the South & East of the originally surveyed location.

The new location has been surveyed and the survey is attached to this sundry. The present location is now in the SE/4 SE/4 thus causing a name change of the well from the RBU 15-23F to the RBU 16-23F.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Richard Baumann TITLE Engineering Tech DATE 12-15-80

(This space for Federal or State office use)

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

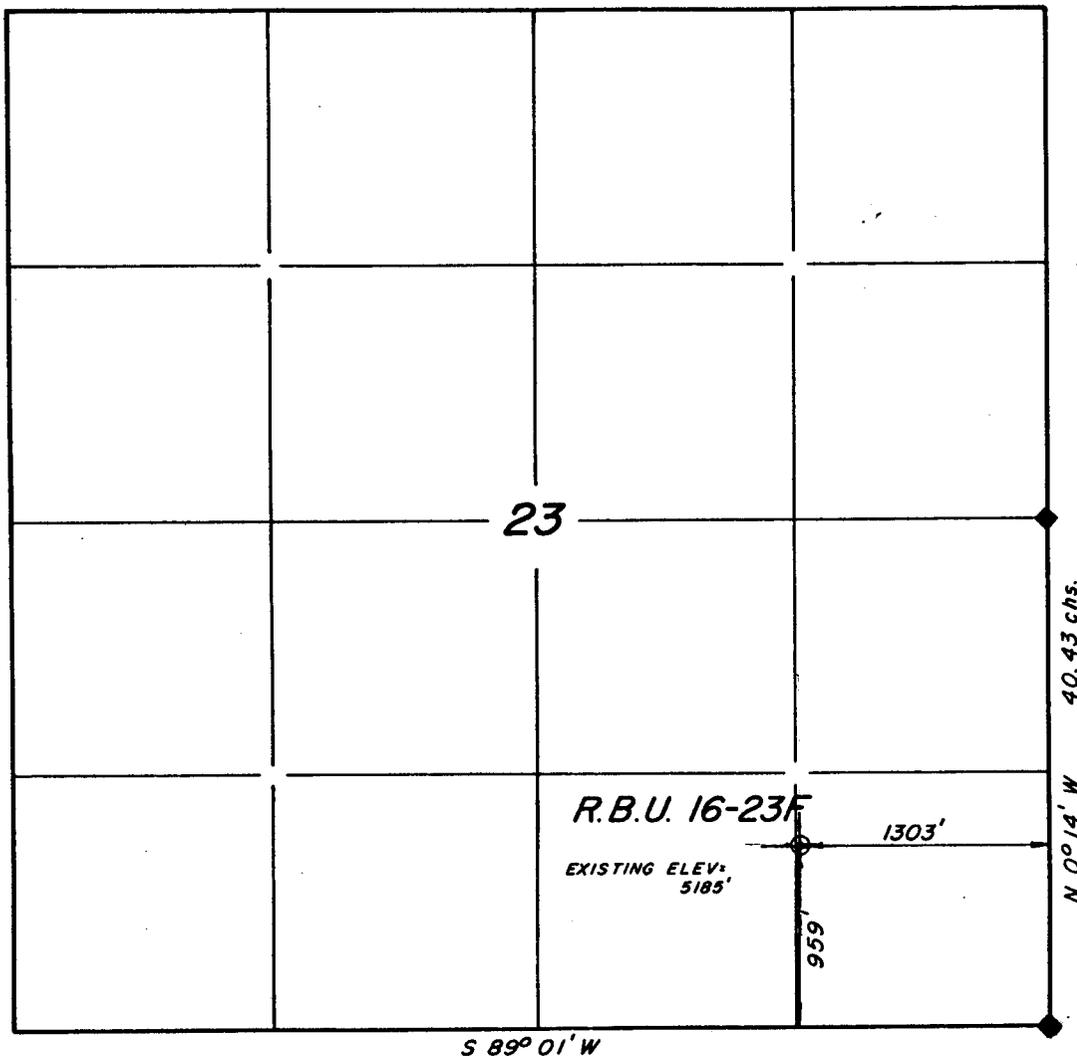
CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS & MINING



**MAPCO, INC.**  
**WELL LOCATION PLAT**  
**R.B.U. 16-23F**

LOCATED IN THE SE<sup>1</sup>/<sub>4</sub> OF THE SE<sup>1</sup>/<sub>4</sub> OF  
 SECTION T10S, R20E, S. L. B. & M.



SCALE: 1"=1000'

**R.B.U. 16-23F**  
 EXISTING ELEV<sup>n</sup>  
 5185'

**LEGEND & NOTES**

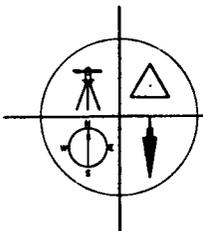
◆ FOUND BRASS CAP ON PIPE MONUMENTS  
 USED FOR THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS  
 USED FOR REFERENCE AND CALCULATIONS.

**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared  
 from field notes of an actual survey  
 performed by me, during which the shown  
 monuments were found or established.

*Jerry D. Allred*  
 \_\_\_\_\_  
 Jerry D. Allred, Registered Land  
 Surveyor, Cert. NO. 3817 (Utah)



**JERRY D. ALLRED & ASSOCIATES**  
 Surveying & Engineering Consultants  
 121 North Center Street  
 P.O. Drawer C  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 (FORM 9-329)  
 (2/76)  
 OMB 42-RO 356

MONTHLY REPORT  
 OF  
 OPERATIONS

Lease No. U -7369  
 Communitization Agreement No. \_\_\_\_\_  
 Field Name NA  
 Unit Name NA  
 Participating Area River Bend  
 County Uintah State Utah  
 Operator Mapco Production Co.  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec., 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU 15-23F	SESE Sec. 23	10S	20E	DRG					
	12-04-80			Spudded well.	Drld to 403'		8 5/8", 24#		csg @ 403' cmt with 190. sx.
	12-19-80			Drld. to 6300'	TD	Ran 5 1/2" 17#			csg. to 6282', cmt with 1425 sx cmt.
Note: (*2243 Used on Lease from 7-11F)									

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	2243	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Avenue, Billings, MT 59102  
 Title: Engineering Technician Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U -7300  
Communitization Agreement No. \_\_\_\_\_  
Field Name NA  
Unit Name NA  
Participating Area River Bend  
County Uintah State Utah  
Operator Mapco Production Co.

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec., 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU <sup>16</sup> <del>15</del> -23F	SESE Sec. 23	10S	20E	DRG					
	12-04-80		Spudded well	Drld to 403'			8 5/8", 24# csg @ 403' cmt with 190. sx.		
	12-19-80		Drld.	to 6300'. TD		Ran 5 1/2" 17# csg. to 6282', cmt with 1425 sx cmt.			
Note: (*2243 Used on Lease from 7-11F)									

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	2243	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Robert B. Bumann Address: 1643 Lewis Avenue, Billings, MT 59102

Title: Engineering Technician

Page \_\_\_\_\_ of \_\_\_\_\_

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U -7360  
Communitization Agreement No. \_\_\_\_\_  
Field Name NA  
Unit Name NA  
Participating Area River Bend  
County Uintah State Utah  
Operator Mapco Production Co.  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU 15-23F	SESE Sec. 23	10S	20E	Dr1g  Wait on Completion.	0	0	0	0	

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Richard P. ... Address: 1643 Lewis Avenue, Billings, MT 59102  
Title: Engineering Technician Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U -736  
Communitization Agreement No. \_\_\_\_\_  
Field Name NA  
Unit Name NA  
Participating Area River Bend  
County Uintah State Utah  
Operator Mapco Production Co.  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 81 (1024)

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU <sup>16</sup> 18-23F	SESE Sec. 23	10S	20E						
	2-10-81			RU Comp. rig. Swabbed back well.		Perforated the following depths in Chapita Wells 5203-5209, 5185-5189, 5176-5178, 5084-5088, 5062-5068.			

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Avenue, Billings, MT 59102  
Title: Engineering Technician Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U -7  
Communitization Agreement No. \_\_\_\_\_  
Field Name NA  
Unit Name River Bend  
Participating Area NA  
County Uintah State Utah  
Operator Mapco Production Co.

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 81 (1024)  
(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU <sup>16</sup> 18-23F	SESE Sec. 23	10S	20E	Dr1g	0	0	0	0	Broke down Chapita Wells perfs w/50 Bbls 2% KCl. Fraced w/78,350 gal foam and 114,000# 20/40 sand.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Avenue, Billings, MT 59102  
Title: Engineering Technician Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U -73F  
Communitization Agreement No. \_\_\_\_\_  
Field Name NA  
Unit Name River Bend  
Participating Area NA  
County Uintah State Utah  
Operator Mapco Production Co.

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 81 (1024)  
(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
RBU 15-23F	SESE Sec. 23	10S	20E	Drlg	0	0	0	0	Wait on test.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	<u>0</u>	<u>0</u>	<u>0</u>
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Avenue, Billings, MT 59102  
Title: Engineering Technician

PHH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1303' FEL & 959' FSL (SE SE)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
U-7369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.  
RBU 15-23F

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 23, T10S, R20E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

14. API NO.  
43-047-30719

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5185'

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

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

MAPCO intends to abandon the RBU 15-23F. Please see the attached procedure.

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

DATE: 7/21/81  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Richard Baumann TITLE Engr. Tech. DATE 5-22-81

(This space for Federal or State office use)

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

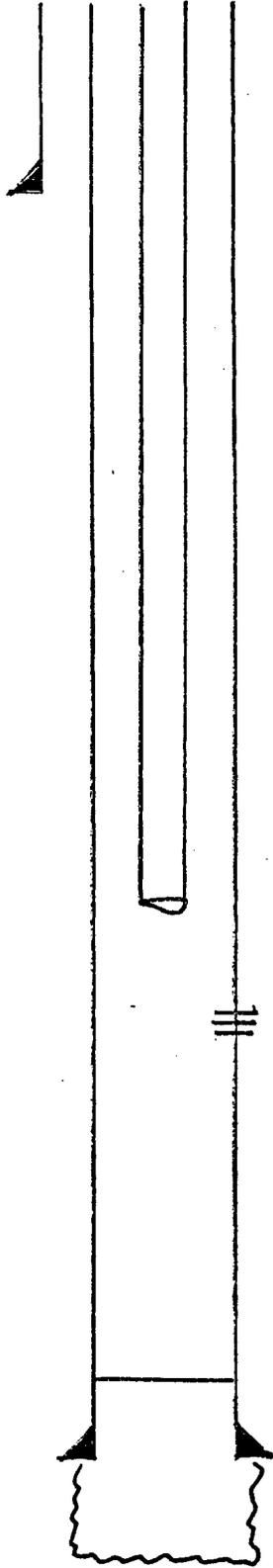
RIVER BEND UNIT NO. 15-23F  
SE SE SEC. 23, T. 10 S., R. 20 E.  
UINTAH COUNTY, UTAH

ABANDONMENT PROCEDURE

1. RU completion rig.
2. Control well as needed.
3. ND tree, NU BOP.
4. PU 2-3/8" tubing and RIH to  $\pm$  5220'.
5. RU service company and set a cement plug extending from  $\pm$  5220' to 4950'. Pull out of plug and reverse circulate tubing clean. (When pulling out of balanced plug, cement will not fall easily through a restriction in the tubing.)
6. POOH laying down tubing to a depth of  $\pm$  2050'. Set a cement plug from 2050' - 1800'. (Mahogany oil shale zone.)
7. POOH and LD 2-3/8" tubing.
8. Set a 10 sack surface plug and install a dry hole marker. The dry hole marker is to consist of a length of pipe no less than 4" in diameter and not less than 10' in length with 4' in the cement. A sign shall be attached which includes the well name, number, and legal description.
9. Reshape and revegetate the location in a manner consistent with local environmental conditions.

RIVER BEND UNIT NO. 15-23F  
SE SE SEC. 23, T. 10 S., R. 20 E.  
UINTAH COUNTY, UTAH

5181' Grd. 5195' K.B.



400' Top of Cement behind 5-1/2"

8-5/8", 24#, H-40 @ 403' cmt w/190 sacks

4408' - Wasatch

4883' 2-3/8", 4.7#, EUE, 8rd tubing

5048' - Chapita Wells

5062' - 5209'

5549' PBTD

5668' 5-1/2", 15.5# & 17#, K-55 & 17# N-80

T.D. 6296'

JJE  
5-22-81

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR **MAPCO Production Company  
Alpine Executive Center**

3. ADDRESS OF OPERATOR **1643 Lewis Ave., Suite 202  
Billings, MT 59102**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **1303' FEL & 959' FSL (SE SE)**  
AT TOP PROD. INTERVAL: **Same**  
AT TOTAL DEPTH: **Same**

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

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

5. LEASE  
**U-7369**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**River Bend Unit**

8. FARM OR LEASE NAME

9. WELL NO. <sup>16</sup>/<sub>15</sub>-  
**RBU 15-23F**

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec 23, T10S, R20E**

12. COUNTY OR PARISH **Uintah** 13. STATE **Utah**

14. API NO.  
**43-047-30719**

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**5185'**

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

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

The location of the RBU <sup>16-23F</sup>15-23F is 1303' FEL and 959' FSL. Section 23. T. 10 S.. R. 20 E. The location was changed at the joint on-site and then resurveyed. Please see attached plat.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Richard Baumann TITLE Engr. Tech. DATE 7-1-81

(This space for Federal or State office use)

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

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 (FORM 9-329)  
 (2/76)  
 OMB 42-RO 356  
 MONTHLY REPORT  
 OF  
 OPERATIONS

Lease No. U-7309  
 Communitization Agreement No. \_\_\_\_\_  
 Field Name \_\_\_\_\_  
 Unit Name River Bend  
 Participating Area NA  
 County Uintah State Utah  
 Operator Mapco Production Co.  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 1981 (1024)  
 (See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*MCF of Gas	*Barrels of Water	Remarks
RBU <del>15-23F</del> 16	SESE Sec. 23	10S	20E	Dr1g	0	0	0	Evaluating formation

**RECEIVED**  
 JUL 09 1981  
 DIVISION OF  
 OIL, GAS & MINING

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Avenue, Billings, MT 59102  
 Title: Engineering Technician Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.

16

5. LEASE DESIGNATION AND SERIAL NO. 7369  
6. INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

7. UNIT AGREEMENT NAME River Bend  
8. FARM OR LEASE NAME

2. NAME OF OPERATOR MAPCO Production Co.  
3. ADDRESS OF OPERATOR 1643 Lewis Ave., Billings, MT 59102

9. COUNTY AND POOL, OR WILDCAT 23F 16-23F

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 959' 910' FSL & 1303' FEL, SE SE Sec. 23 (See Plat)  
At top prod. interval reported below Same  
At total depth Same

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

Sec. 23, T10S, R20E

14. PERMIT NO. 43-047-30719 DATE ISSUED 6-12-80

12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUDED 11-24-80 16. DATE T.D. REACHED 12-18-80 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5181' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6296' 21. PLUG, BACK T.D., MD & TVD 5549' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS → Surface to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN (DL-FDS-CNL-GR) 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#	403	12-1/4	190 sacks	
5-1/2"	15.5# & 17#	5668	7-7/8	1210 sacks	

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number) 5062-5209' - 16 holes 1 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5062-5209	2100 gal KCl water
	78350 gal foam
	14000# 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2-23-81 (blow to pit)	Flowing - Insufficient volume to measure	SI					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Richard Bauman TITLE Engineering Tech. DATE 7-13-81

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

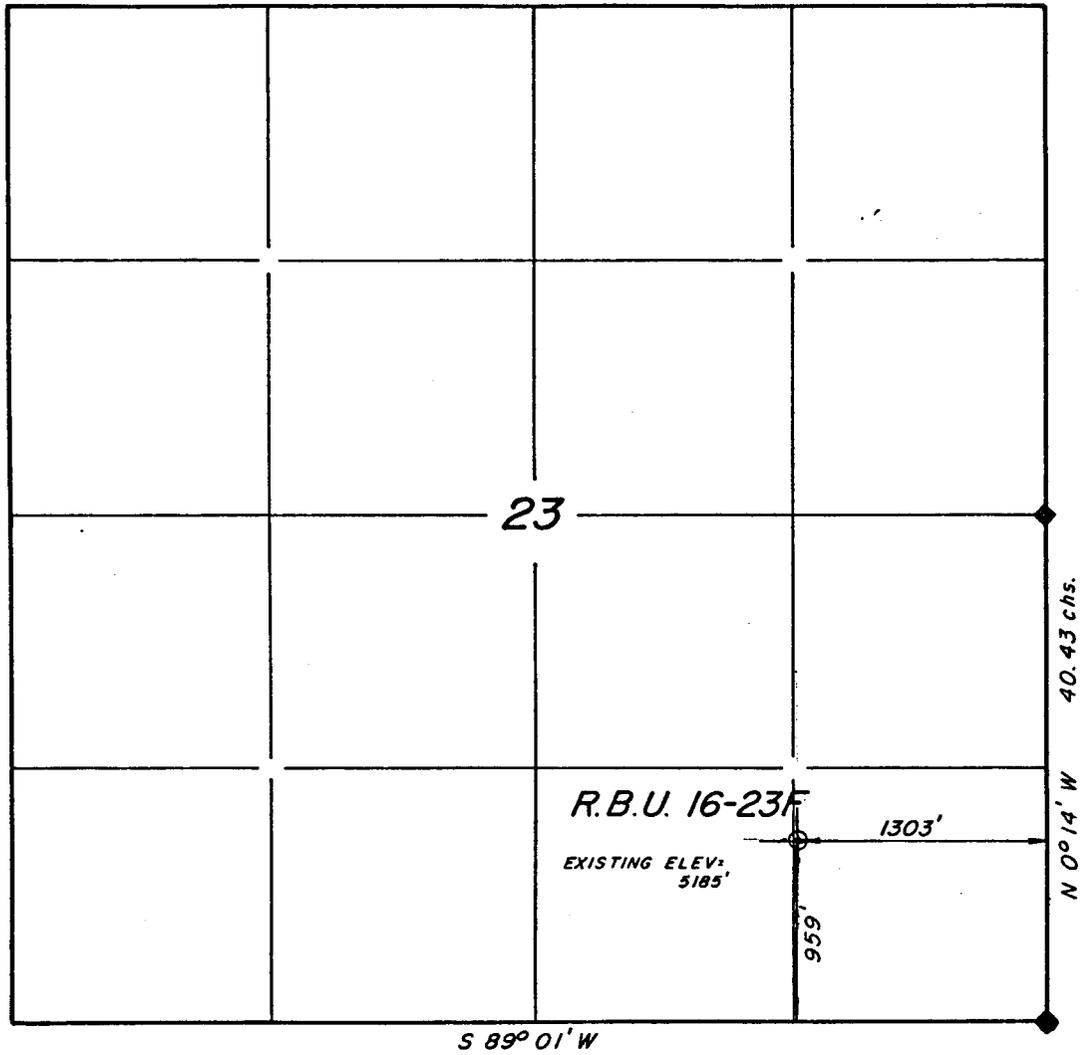


MAPCO, INC.

WELL LOCATION PLAT

R.B.U. 16-23F

LOCATED IN THE SE<sup>1</sup>/<sub>4</sub> OF THE SE<sup>1</sup>/<sub>4</sub> OF SECTION 23, T10S, R20E, S. L. B. & M.



SCALE: 1"=1000'

LEGEND & NOTES

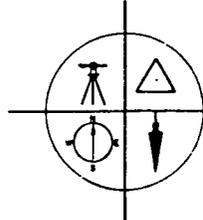
◆ FOUND BRASS CAP ON PIPE MONUMENTS  
USED FOR THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS  
USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. NO. 3817 (Utah)



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Mapco Production Company

WELL NAME: RBU #16-23F

SECTION 23 TOWNSHIP 10S RANGE 20E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 6296' PBTD 5549'

CASING PROGRAM:  
8 1/2", 24# @ 403'  
5 1/2", 15-17# @ 5668'

FORMATION TOPS:  
Uintah Surface  
Green River 1142' (1780' Mahogany)  
Wasatch (1650'-2450' Water)  
Chapita Wells 5048'  
Uteland Buttes 6116'

PLUGS SET AS FOLLOWS:

- 1) 5225'-4925'
- 2) 2086'-1786'
- 3) 30'-Surface

Perfs.: 5062'-5209' (Chapita Wells)

DATE 7-21-81

SIGNED CBF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1303' FEL & 959' FSL (SE SE)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

5. LEASE  
U-7369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.  
RBU 15-23F

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 23, T10S, R20E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.  
43-047-30719

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5185'

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

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

Please see following for details of plugging procedure:

8-07-81      4925-5225' - 40 sx plug  
                  1786-2086' - 40 sx plug

8-11-81      10 sx surface plug  
                  Installed dry hole marker



703-7-1001

DIVISION OF  
OIL, GAS & MINING,

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 8-13-81  
R. E. Baumann  
(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO Production Company  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1303' FEL & 959' FSL (SE SE)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

5. LEASE  
U-7369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.  
RBU 18-23F

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 23, T10S, R20E

12. COUNTY OR PARISH | 13. STATE  
Utah | Utah

14. API NO.  
43-047-30719

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5185'

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

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

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

Please see following for details of plugging procedure:

8-07-81      4925-5225' - 40 sx plug  
                  1786-2086' - 40 sx plug

8-11-81      10 sx surface plug  
                  Installed dry hole marker

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AUG 17 1981

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 8-13-81  
R. E. Baumann  
 (This space for Federal or State office use)

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



**CNG PRODUCING COMPANY**  
TULSA DIVISION

**RECEIVED**

FEB 22 1985

February 15, 1985

**DIVISION OF OIL  
& GAS & MINING**

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

Re: Transfer of Ownership and  
Operations  
Oil and Gas Wells  
State of Utah

Gentlemen:

This letter is to inform you that:

CNG Producing Company  
705 S. Elgin Ave., P. O. Box 2115  
Tulsa, Oklahoma 74101-2115

has acquired the ownership and operations of oil and gas wells formerly owned and operated by:

MAPCO Oil & Gas Company  
Tulsa, Oklahoma

Attached is a listing of wells involved in the transfer. Should there be any question regarding this matter, I may be contacted at (918)599-4005.

Sincerely,

Greg Bechtol  
Sr. Engineering Technician

GB/sr  
Attachment



**CNG PRODUCING COMPANY**  
TULSA DIVISION

**RECEIVED**

FEB 27 1985

February 25, 1985

**DIVISION OF OIL  
GAS & MINING**

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

Gentlemen:

Effective January 1, 1985, CNG Producing Company, New Orleans, LA., purchased the oil and gas properties of MAPCO Oil & Gas Company located in the state of Utah. Attached is a list of the properties sold for which CNG will now be responsible.

Please direct any future correspondence concerning these wells to the address shown below:

CNG Producing Company - Tulsa Division  
P. O. Box 2115  
Tulsa, OK 74101-2115  
Attention: Joe C. Lineback

Yours truly,

*Joe C. Lineback*

Joe C. Lineback  
Manager of Accounting

JCL/cf

Attachment

RIVER BEND UNIT NO. 14-08-0001-16035  
 UINTAH COUNTY, UTAH

Status of All Wells Located Within the River Bend Unit

<u>Well Name</u>	<u>Location</u>	<u>Status</u>
1. OSC No. 1	SE NW Sec. 17-T10S-R20E	Water supply well
2. OSC No. 2	NW SE Sec. 3-T01S-R20E	Suspended gas well
3. OSC No. 3	SW NE Sec. 10-T10S-R20E	Plugged & abandoned
4. OSC No. 4	NW NE Sec. 30-T 9S-R20E	Suspended gas well
5. OSC No. 4A	NW NE Sec. 30-T 9S-R20E	Suspended gas well
6. OSC No. 5	NE NE Sec. 2-T10S-R18E	Producing oil well
7. Natural 1-2	SE NW Sec. 2-T10S-R20E	Plugged & abandoned
8. OSC No. 7-15	SW NW Sec. 15-T10S-R19E	Producing gas well
9. RBU 11-16E	NE SW Sec. 16-T10S-R19E	Producing gas well
10. RBU 11-18F	NE SW Sec. 18-T10S-R20E	Producing gas well
11. RBU 11-13E	NE SW Sec. 13-T10S-R19E	Producing gas well
12. RBU 7-21F	SW NE Sec. 21-T10S-R20E	Producing gas well
13. RBU 11-15F	NE SW Sec. 15-T10S-R20E	Producing gas well
14. RBU 11-19F	NE SW Sec. 19-T10S-R20E	Producing gas well
15. RBU 11-10E	NE SW Sec. 10-T10S-R19E	Producing gas well
16. RBU 11-23E	NE SW Sec. 23-T10S-R19E	Producing gas well
17. RBU 11-21E	NE SW Sec. 21-T10S-R19E	Producing oil well
18. RBU 11-14E	NE SW Sec. 14-T10S-R19E	Producing gas well
19. RBU 11-16F	NE SW Sec. 16-T10S-R20E	Producing gas well
20. RBU 11-36B	NE SW Sec. 36-T 9S-R19E	Plugged & abandoned
21. FED 7-25B	SW NE Sec. 25-T 9S-R19E	Producing oil well
22. RBU 7-11F	SW NE Sec. 11-T10S-R20E	Producing gas well
23. RBU 11-17F	NE SW Sec. 17-T10S-R20E	Suspended gas well
24. RBU 5-11D	SW NW Sec. 11-T10S-R18E	Producing gas well
25. RBU 11-22E	NE SW Sec. 22-T10S-R19E	Producing gas well
26. RBU 4-11D	NW NW Sec. 11-T10S-R18E	Producing oil well
27. RBU <del>13</del> -23F	<del>SW SE Sec. 23-T10S-R20E</del>	<del>Plugged &amp; abandoned</del>
28. RBU 11-3F	NE SW Sec. 3-T10S-R20E	Producing gas well
29. RBU 11-2F	NE SW Sec. 2-T10S-R20E	Producing oil well
30. RBU 7-22F	SW NE Sec. 22-T10S-R20E	Producing gas well
31. RBU 8-14F	SE NE Sec. 14-T10S-R20E	Producing gas well
32. RBU 6-20F	SE NW Sec. 20-T10S-R20E	Producing gas well
33. RBU 11-24E	NE SW Sec. 24-T10S-R19E	Producing gas well
34. RBU 7-10F	SW NE Sec. 10-T10S-R20E	Producing gas well
35. RBU 1-10E	NE NE Sec. 10-T10S-R19E	Producing gas well
36. RBU 1-15E	NE NE Sec. 15-T10S-R19E	Producing gas well
37. RBU 1-22E	NE NE Sec. 22-T10S-R19E	Producing gas well
38. RBU 1-14E	NE NE Sec. 14-T10S-R19E	Producing gas well
39. RBU 1-23E	NE NE Sec. 23-T10S-R19E	Producing gas well
40. RBU 2-11D	NW NE Sec. 11-T10S-R18E	Producing oil well
41. RBU 4-19F	NW NW Sec. 19-T10S-R20E	Producing gas well
42. RBU 16-3F	SE SE Sec. 3-T10S-R20E	Producing gas well
43. RBU 13-11F	SW SW Sec. 11-T10S-R20E	Producing gas well
44. RBU 16-16F	SE SE Sec. 16-T10S-R20E	Producing gas well
45. RBU 6-2D	SE NW Sec. 2 T10S-R18E	Producing oil well



# 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:  
3100  
U-01470-A et al  
(UT-932)

JUN 2 2000

### NOTICE

Dominion Exploration & Production, Inc. : Oil and Gas Leases  
1450 Poydras Street :  
New Orleans, LA 70112-6000 :

### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of CNG Producing Company to Dominion Exploration & Production, Inc. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from your list of leases and a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

The following lease on your list is closed on the records of this office: U-029277.

Due to the name change, the name of the principal on the bond is required to be changed from CNG Producing Company to Dominion Exploration & Production, Inc. on Bond No. 524 7050 (BLM Bond No. WY1898). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to the Wyoming State Office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

**RECEIVED**  
JUN 05 2000  
DIVISION OF  
OIL, GAS AND MINING

cc: Wyoming State Office  
New Mexico State Office  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)  
LaVerne Steah (UT-942)

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well : OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: VARIOUS
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260	7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec. T., R., M.:	8. Well Name and Number: VARIOUS
	9. API Well Number
	10. Field and Pool, or Wildcat: Natural Buttes 630
	County: UINTAH State: UTAH

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

NOTICE OF INTENT (SUBMIT IN DUPLICATE)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon	<input type="checkbox"/> Abandon*
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Repair Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Convert to Injection
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Fracture Treat or Acidize
<input type="checkbox"/> Multiple Completion	<input checked="" type="checkbox"/> Other <u>OPERATOR NAME CHANGE FOR WELLS</u>
<input type="checkbox"/> Other _____	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recomplete	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Reperforate	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
	*Must be accompanied by a cement verification report.

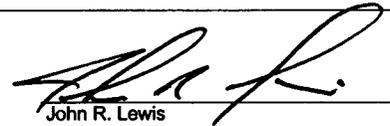
12. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly State all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective April 12, 2000, CNG Producing Company has changed its name to Dominion Exploration & Production, Inc. and would like to transfer the well permits into the name of Dominion Exploration & Production, Inc. Our new bond has been filed and is pending approval with the State of Utah. The bond number is 76S 63050 361.

  
John R. Lewis  
Sr. Vice-President - CNG Producing Company

**RECEIVED**  
**JUN 29 2000**  
**DIVISION OF**  
**OIL, GAS AND MINING**

13.

Name & Signature:  Title: Sr. Vice-President - Dominion Expl. & Prod., Inc. Date: June 26, 2000  
John R. Lewis

(This space for State use only)

Dominion Exploration & Production, Inc.  
1450 Poydras Street, New Orleans, LA 70112-6000  
Phone: 504-593-7000



June 27, 2000

Mr. Jimmy Thompson  
Utah Board of Oil Gas & Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

RE: Name Change Documentation for CNG Producing Company

Dear Mr. Thompson:

CNG Producing Company has become Dominion Exploration & Production, Inc. effective April 12, 2000. Enclosed please find a sundry regarding the name change with an attached listing of all the permits in the name of CNG Producing Company to be changed to Dominion Exploration & Production, Inc. Also enclosed please find a Form UIC 5 for the Transfer of Authority to Inject for the Federal #1-26B well.

If you have any questions or require any additional information, please contact me at (504) 593-7260.

Sincerely,

DOMINION EXPLORATION & PRODUCTION, INC.

Susan H. Sachitana  
Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

**RECEIVED**

**JUN 29 2000**

**DIVISION OF  
OIL, GAS AND MINING**



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

552814
CO 106990
File Number

Table with 2 columns: Check Appropriate Box, Fee Amount. Rows include Foreign Profit Corporation (\$35.00), Foreign Non-Profit Corporation (\$35.00), Foreign Limited Partnership (\$25.00), Foreign Limited Liability Company (\$35.00).

Application To Amend The
CERTIFICATE OF AUTHORITY OR
REGISTRATION of

CNG Producing Company
Business Entity Name

Delaware
Name of Home State

I. AMENDING THE BUSINESS NAME

The business name is changed to: Dominion Exploration & Production, Inc.

The corporation shall use as its name in Utah: Dominion Exploration & Production, Inc.

(The corporation shall use its name as set forth on #1, unless this name is not available.)

NOTE: If the business name has changed its name in the home state, a copy of the Certificate of Amendment or a certified copy of the amendment must accompany this application.

Check the following:

- [X] The name of the corporation is changing its name in Utah to the new name of the corporation in the home state.
[] The name of the corporation is being changed in Utah to comply with Utah State Insurance Regulations.

II. AMENDING THE DURATION OF THE BUSINESS EXISTENCE

The businesses period of duration is changed to:

III. AMENDING THE STATE OR COUNTRY OF INCORPORATION/REGISTRATION

The corporation's state or country of incorporation/registration is changed to:

IV. Other:

(Limited Partnership changing General Partners, Limited Companies changing Members or Managers, Change of statement who is managing, etc.)
Use an attached sheet if needed.

Under penalties of perjury, I declare this Application to Amend the Certificate of Authority or Registration to be, to the best of my knowledge and belief, true and correct.

Signature of Paul D. Wither

Vice President & Corporate Secretary
Title

April 20, 2000
Date

State of Utah
Department of Commerce

Division of Corporations and Commercial Code

I hereby certify that the foregoing has been filed and approved on this 25 day of April, 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner [Signature] Date 2/4/00



PHILIP JENSON
REGISTRAR

Date: 04/25/2000

Receipt Number: 22156

Amount Paid: \$60.00

STATE OF UTAH
DIVISION OF CORPORATIONS
AND COMMERCIAL CODE
160 East 300 South / Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Web Site: http://www.commerce.state.ut.us

FILED

APR 25 2000

Well Name	Api Well Code	Operator Name	Production Status	Lease Type
EVANS FEDERAL #32-25	4304732406	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-25B	4304732445	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-25B	4304732453	DOMINION EXPLORATION & PR	LA	BLM
RBU #11-25B	4304732482	DOMINION EXPLORATION & PR	LA	BLM
RBU #16-14EO	4304732507	DOMINION EXPLORATION & PR	LA	BLM
RBU #8-23EO	4304732508	DOMINION EXPLORATION & PR	LA	BLM
RBU #8-14EO	4304732514	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-13EO	4304732599	DOMINION EXPLORATION & PR	LA	BLM
RBU #9-23EO	4304732601	DOMINION EXPLORATION & PR	LA	BLM
<del>STATE #2-36E</del>	<del>4304732979</del>	<del>DOMINION EXPLORATION &amp; PR</del>	<del>PR</del>	STATE
STATE #1-36E	4304732979	DOMINION EXPLORATION & PR	LA PGW	STATE
RBU #1-16F	4304733181	DOMINION EXPLORATION & PR	PR	STATE
RBU #5-3F	4304733360	DOMINION EXPLORATION & PR	DR	STATE
RBU #5-16F	4304733361	DOMINION EXPLORATION & PR	FUT	BLM
RBU #10-23F	4304733363	DOMINION EXPLORATION & PR	PR	BLM
EVANS FEDERAL #15-26E	4304733367	DOMINION EXPLORATION & PR	DR	BLM
EVANS FEDERAL #9-26E	4304733508	DOMINION EXPLORATION & PR	FUT	BLM
EVANS FEDERAL #10-25E	4304733509	DOMINION EXPLORATION & PR	FUT	BLM
EVANS FEDERAL #14-25E	4304733510	DOMINION EXPLORATION & PR	FUT	BLM
FEDERAL #13-30B	4304733511	DOMINION EXPLORATION & PR	FUT	BLM
STATE #13-36A	4304733581	DOMINION EXPLORATION & PR	FUT	BLM
RBU #1-1D	4304733598	DOMINION EXPLORATION & PR	FUT	STATE
OSC #1-17 *	4304733599	DOMINION EXPLORATION & PR	FUT	BLM
OSC #2 *	430472030800S1	DOMINION EXPLORATION & PR	SIEC	BLM
OSC #4 *	430473008700S1	DOMINION EXPLORATION & PR	PR	BLM
OSC #4A-30 *	430473011300S1	DOMINION EXPLORATION & PR	TA	BLM
OSC #7-15E *	430473012200S1	DOMINION EXPLORATION & PR	SIEC	BLM
RBU #11-16E	430473021100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-18F	430473026000S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #11-13E	430473026600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-15F	430473037400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-21F	430473037500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-19F	430473037600S1	DOMINION EXPLORATION & PR	PR	BLM
FEDERAL #7-25B	430473040500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-10E	430473040600S01	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-11D	430473040800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-14E	430473040900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-23E	430473041000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-16F	430473041100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-17F	430473041200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-11F	430473058400S1	DOMINION EXPLORATION & PR	PA	BLM
RBU #8-16D	430473058500S1	DOMINION EXPLORATION & PR	PR	BLM
FEDERAL #7-25A	4304730608	DOMINION EXPLORATION & PR	PR	STATE
RBU #11-3F	430473062400S01	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-22E	430473068900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #4-11D	430473069800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-23F	430473071800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-3E	4304730719	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-24E	430473072000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-2F	430473075900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-10F	430473076000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #6-20F	430473076100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-22F	430473076200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-14F	430473076800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #2-11D	430473082500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-3F	430473082600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-15E	430473088700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-14E	430473091500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-22E	430473092600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-23E	430473092700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #4-19F	430473097000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-11F	430473097100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-10E	430473097300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-10E	430473104600S1	DOMINION EXPLORATION & PR	PR	BLM

**OPERATOR CHANGE WORKSHEET**

<del>1-CDW</del>	4-KAS ✓
2-CDW ✓	5-SP ✓
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

Change of Operator (Well Sold)                      Designation of Agent  
**X Operator Name Change Only**                              Merger

The operator of the well(s) listed below has changed, effective: 4-12-00

**TO:**(New Operator) DOMINION EXPL & PROD INC.  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N1095

**FROM:**(Old Operator) CNG PRODUCING COMPANY  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N0605

WELL(S):	CA Nos.	or	RIVER BEND	Unit
Name: <u>RBU 11-3F</u>	API: <u>43-047-30689</u>	Entity: <u>7050</u>	<u>S 03 T 10S R 20E</u>	Lease: <u>U-013767</u>
Name: <u>RBU 11-22E</u>	API: <u>43-047-30698</u>	Entity: <u>7050</u>	<u>S 22 T 10S R 19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 4-11D</u>	API: <u>43-047-30718</u>	Entity: <u>7070</u>	<u>S 11 T 10S R 18E</u>	Lease: <u>U-013818-A</u>
Name: <u>RBU16-23F</u>	API: <u>43-047-30719</u>	Entity: <u>7050</u>	<u>S 23 T 10S R 20E</u>	Lease: <u>U-7369</u>
Name: <u>RBU 7-3E</u>	API: <u>43-047-30720</u>	Entity: <u>7050</u>	<u>S 03 T 10S R 19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 11-24E</u>	API: <u>43-047-30759</u>	Entity: <u>7050</u>	<u>S 24 T 10S R 19E</u>	Lease: <u>U-013794</u>
Name: <u>RBU 7-10F</u>	API: <u>43-047-30761</u>	Entity: <u>7050</u>	<u>S 10 T 10S R 20E</u>	Lease: <u>U-7206</u>
Name: <u>RBU 6-20F</u>	API: <u>43-047-30762</u>	Entity: <u>7050</u>	<u>S 20 T 10S R 20E</u>	Lease: <u>U-013793-A</u>
Name: <u>RBU 8-14F</u>	API: <u>43-047-30825</u>	Entity: <u>7050</u>	<u>S 14 T 10S R 20E</u>	Lease: <u>U-013793-A</u>
Name: <u>RBU 2-11D</u>	API: <u>43-047-30826</u>	Entity: <u>7070</u>	<u>S 11 T 10S R 18E</u>	Lease: <u>U-013429-A</u>
Name: <u>RBU 16-3F</u>	API: <u>43-047-30887</u>	Entity: <u>7050</u>	<u>S 03 T 10S R 20E</u>	Lease: <u>U-037164</u>
Name: <u>RBU 1-15E</u>	API: <u>43-047-30915</u>	Entity: <u>7050</u>	<u>S 15 T 10S R 19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 1-14E</u>	API: <u>43-047-30926</u>	Entity: <u>7050</u>	<u>S 14 T 10S R 19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 1-22E</u>	API: <u>43-047-30927</u>	Entity: <u>7050</u>	<u>S 22 T 10S R 19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 1-23E</u>	API: <u>43-047-30970</u>	Entity: <u>7050</u>	<u>S 23 T 10S R 19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 4-19F</u>	API: <u>43-047-30971</u>	Entity: <u>7050</u>	<u>S 19 T 10S R 20E</u>	Lease: <u>U-013769-A</u>
Name: <u>RBU 13-11F</u>	API: <u>43-047-30973</u>	Entity: <u>7050</u>	<u>S 11 T 10S R 20E</u>	Lease: <u>U-7206</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-29-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 6-29-00.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is SEE ATTACHED. If no, Division letter was mailed to the new operator on \_\_\_\_\_.

- YES 5. **Federal and Indian Leases Wells.** The BLM or the BIA has approved the merger, name change or operator change for all wells listed above involving Federal or Indian leases on 6-2-00.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.
- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 7-26-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 7-26-00.

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### STATE BOND VERIFICATION

- N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

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### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the **new and former operator's bond files** on \_\_\_\_\_.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.
- N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

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### FILMING

- \_\_\_\_ 1. All attachments to this form have been **microfilmed** on 2.22.01.

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### FILING

- \_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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