

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED GAS SUB REPORT abd

* Location Abandoned - Application Rescinded - 4-4-83

DATE FILED 12-22-81

LAND: FEE & PATENTED _____ STATE LEASE NO _____ PUBLIC LEASE NO U-013820 INDIAN _____

DRILLING APPROVED 1-12-82

SPUDDED IN _____

COMPLETED _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY API: _____

GOR: _____

PRODUCING ZONES _____

TOTAL DEPTH _____

WELL ELEVATION: _____

DATE ABANDONED LA 4-4-83

FIELD: WILDGAT NATURAL BUTTES 3/80

UNIT _____

COUNTY: UINTAH

WELL NO RBU #1-4D APIN 0.43-047-31148

LOCATION 515 FT. FROM (N) LINE, 942 FT. FROM (E) LINE NEAR NE 1/4 - 1/4 SEC. 4

TWP.	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
------	-----	-----	----------	-----	-----	-----	----------

10S

18E
19E

4

MAPCO PROD. CO.
MAPCO

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 Co.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws)
 At surface 515' FNL & 942' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 mi SE of Myton, Ut

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 515'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5129' GL

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'	Cement to surface
7-7/8"	5-1/2"	17#	9350'	Cement to surface

1. Drill a 12-1/4" hole with an air rig to 400'. Run 8-5/8", 24# K-55 casing and cement to surface.
 2. NU and pressure test BOP stack (see Fig. 1) 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 9350' 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 5-1/2", 17# and N80 casing as dictated by drilling shows, tests and logs. Release drilling rig. Casing program may be modified to provide added burst strength if needed for frac program.
 6. Primary zones of interest are the Upper Wasatch and Chapita Wells, sections of the Wasatch and the Mesaverde.
 7. RU completion rig to test in a normal, prudent manner, all zones that indicate a potential for economically, recoverable reserves.
- (See back for 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 R. E. Baumann TITLE Engr. Tech. DATE 12-22-81
R. E. Baumann

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY :

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 1/2/82
 BY: UB [Signature]

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
 U-013820

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 River Bend

8. FARM OR LEASE NAME

9. WELL NO.
 1-4D

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 4, T10S, R19E

RECEIVED
 DEC 28 1981
 OIL DIVISION OF GAS & MINING

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.

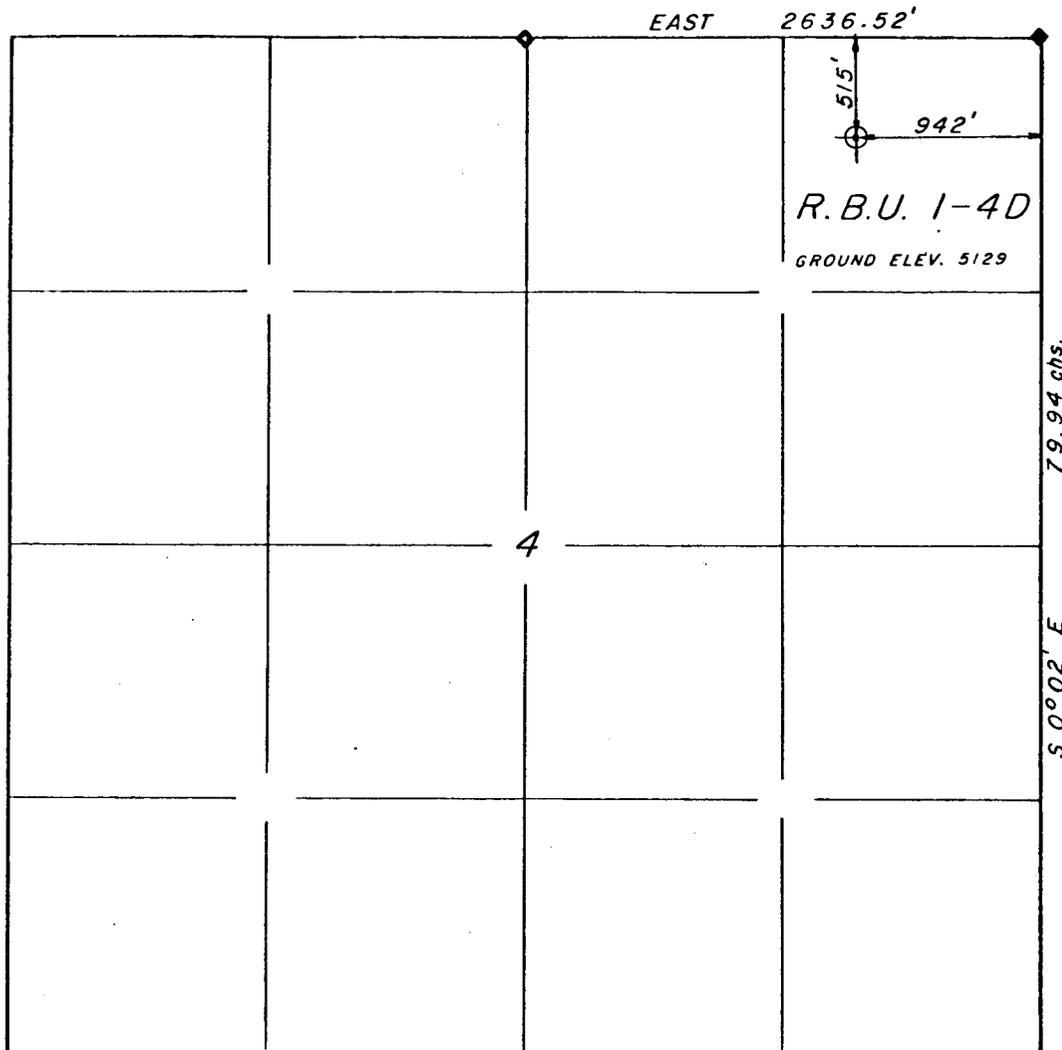
LOG TOPS:

Green River	1738'
Wasatch	5203'
Chapita Wells	5923'
Uteland Buttes	7123'
Mesaverde	8353'

BY: _____
DATE: _____
OIL, GAS, AND MINING
OR UTAH DIVISION OF
APPROVED BY THE STATE

MAPCO, INC.
WELL LOCATION PLAT
R.B.U. 1-4D

LOCATED THE NE $\frac{1}{4}$ OF THE NE $\frac{1}{4}$ OF
SECTION 4, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit
A.

LEGEND & NOTES

◆ FOUND ORIGINAL CORNER MONUMENTS
USED FOR THIS SURVEY.

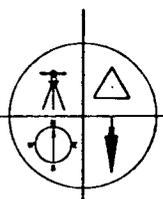
THE GENERAL LAND OFFICE PLAT WAS USED
FOR REFERENCE AND CALCULATIONS.

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

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

Attached to Form 9-331C
Company: MAPCO PRODUCTION COMPANY
Well: RBU 1-4D
Well Location: 515' FNL & 942' FEL
Section: 4, T. 10 S., R. 19 E.
County: Uintah State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uintah	Surface
Green River	1738'
Wasatch	5203'
Chapita Wells	5923'
Uteland Buttes	8353'
Mesaverde	9350'

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

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Green River I zone	3928'	oil zone
Green River Tongue	5023'	oil zone
Chapita Wells	5923'	gas zone
Uteland Buttes	7123'	gas zone
Mesaverde	9350'	gas zone

4. The Proposed Casing Program

<u>SIZE OF CASING</u>	<u>WEIGHT & GRADE</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
8-5/8"	24# K-55	400'	Cement to surface
5-1/2"	17# N-80	9350'	Cement 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 salt water 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 two (2) man mud logging unit will be in operation from surface to T.D. The following open hole logs will be run:

- 1.) GR-DLL
- 2.) FDC-CNL-Caliper

Exact logging detail and procedures will be prepared prior to reaching logging depth.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

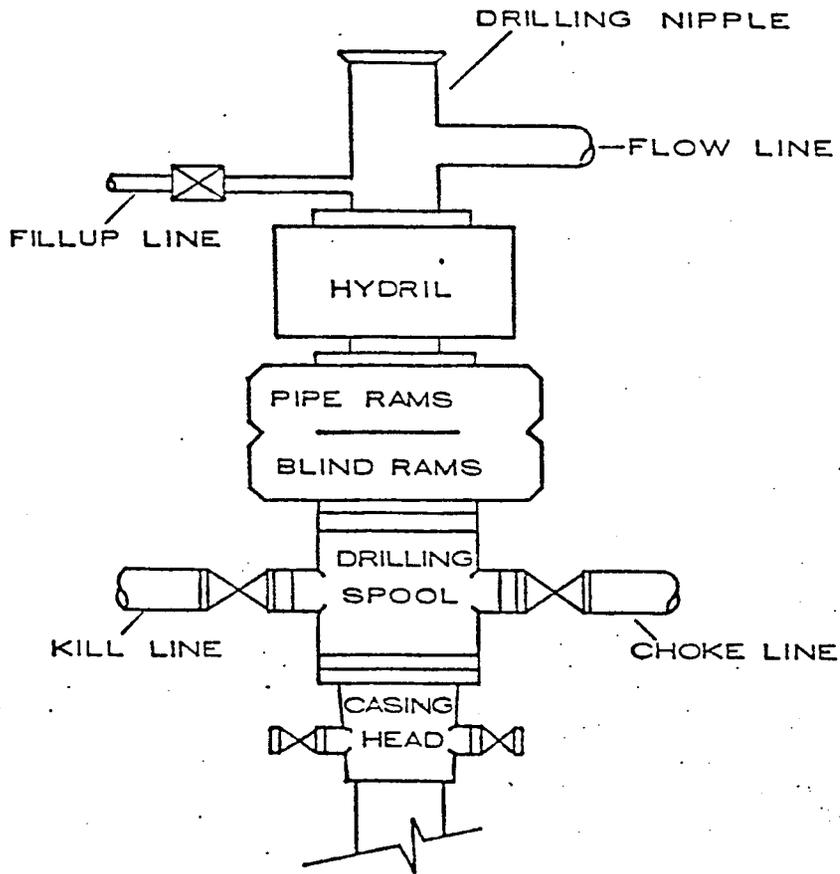
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date: July, 1982

Duration: 2 weeks

BOP STACK



CHOKE MANIFOLD

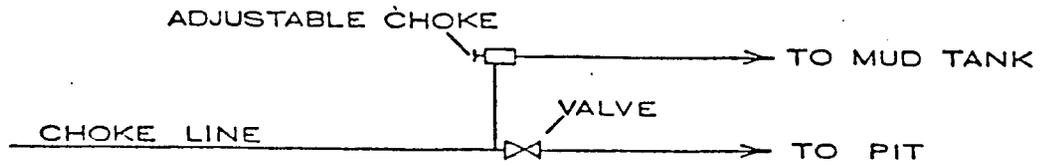


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY: MAPCO PRODUCTION COMPANY

WELL: RBU 1-4D

WELL LOCATION: 515' FNL & 942' FEL

Section: 4, T. 10 S., R. 18 E.

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 500' will be needed to reach the location from the existing road as shown in Exhibit B.
- D. All existing roads are shown on Exhibits B & D.
- E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

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

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Well: RBU 1-4D

Page 2

3. Location of Existing Wells

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

- A. Water wells: None
- B. Abandoned wells: None
- C. Temporarily abandoned wells: None
- D. Disposal wells: None
- E. Drilling wells: None
- F. Producing wells: None
- G. Shut-in wells: None
- H. Injection wells: None
- I. 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.

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Well: RBU 1-4D

Page 3

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. Rehabilitation, 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 from the Sheep Wash Field located in Sections 25 and 26, T. 9 S., R. 18 E. and Section 30, T. 9 S., R. 19 E.
- 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 Items 1 and 2.

7. Handling Waste Disposals

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids will be handled in the reserve pit.
- C. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Well: RBU 1-4D

Page 4

- D. Any sewage will be covered or removed and chemical toilets will be provided.
- E. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.
- F. 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

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

10. Plans for Restoration

- A. 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.
- B. 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.

- C. 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.

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Well: RBU 1-4D

Page 5

- D. 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.
- E. 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

- A. Topography: The area is relatively flat with broken terrain to the south.

Soil Characteristics and Geologic features: The soils of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sandstone and 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 outcrops 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, magpies, crows and jays.

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

Surface ownership of all involved lands: BLM

- C. Proximity of useable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B): None

Archaeological or historical sites (if any, shown on Exhibit B):

NA. Please see MAPCO River Bend Cultural Mitigation Study, AERC Paper No. 18.

12. Lessee's or Operator's Representative

James D. Holliman
Manager of Operations
MAPCO Production Company
Alpine Executive Center
1643 Lewis Ave., Suite 202
Billings, Montana 59102

or

Dennis J. Brabec
Regional Drilling Superintendent
MAPCO Production Company
Alpine Executive Center
1643 Lewis Ave., Suite 202
Billings, Montana 59102

Phone: (406) 248-7406
or
(406) 656-8435

Phone: (406) 248-7406
or
962-3138

13. Certification

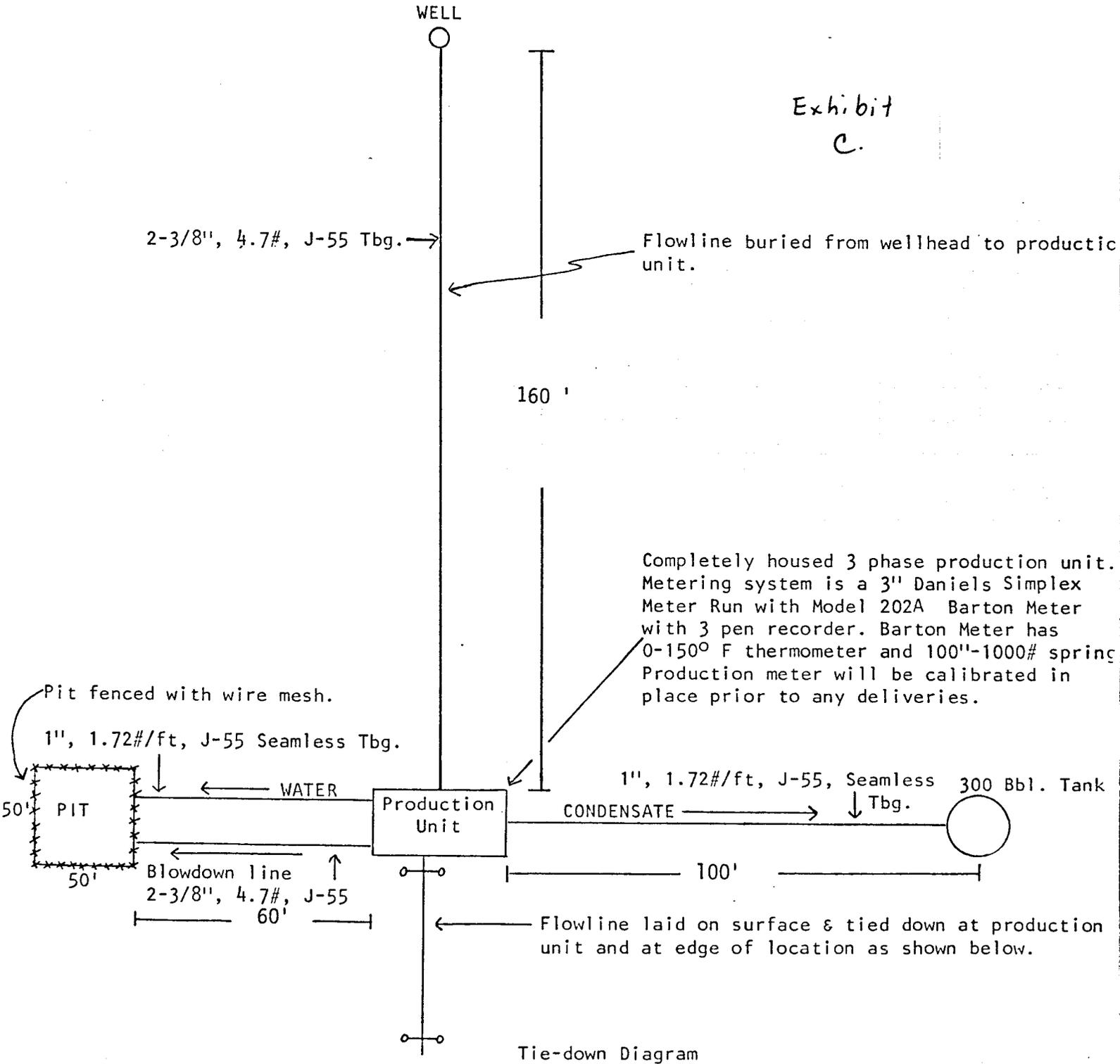
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by MAPCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

December 22, 1981
DATE

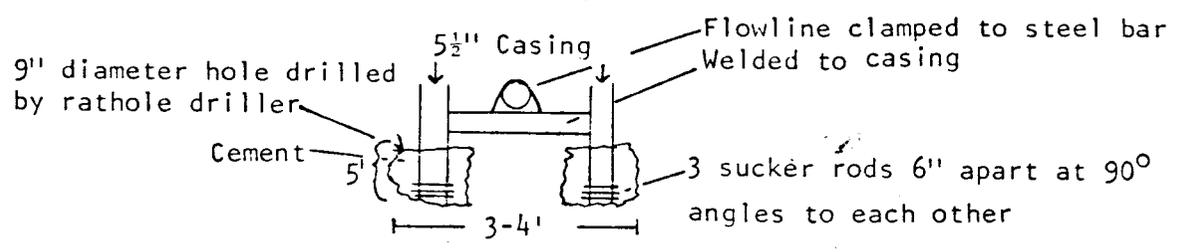

NAME

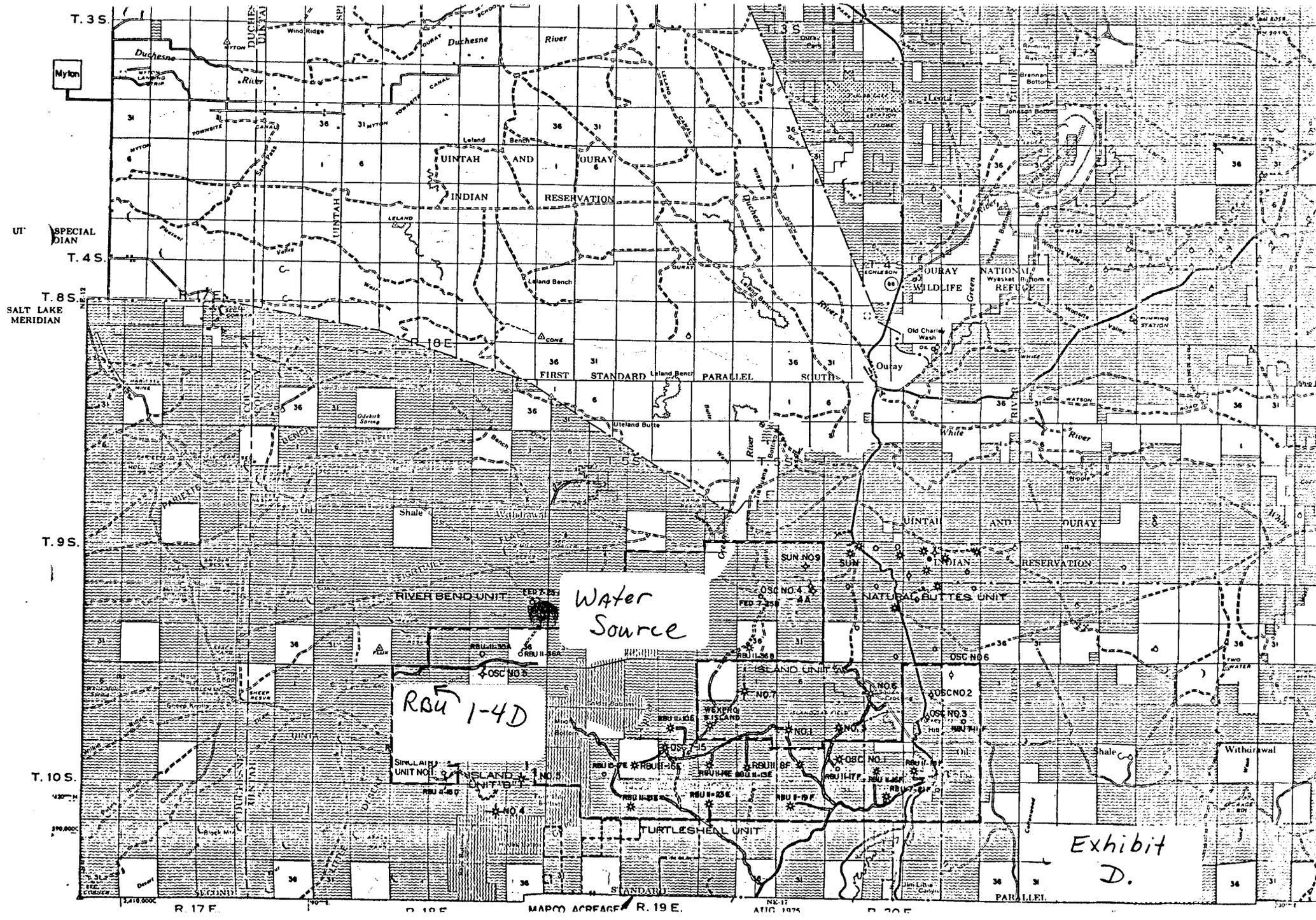
Manager of Operations
TITLE

Exhibit
C.



Tie-down Diagram

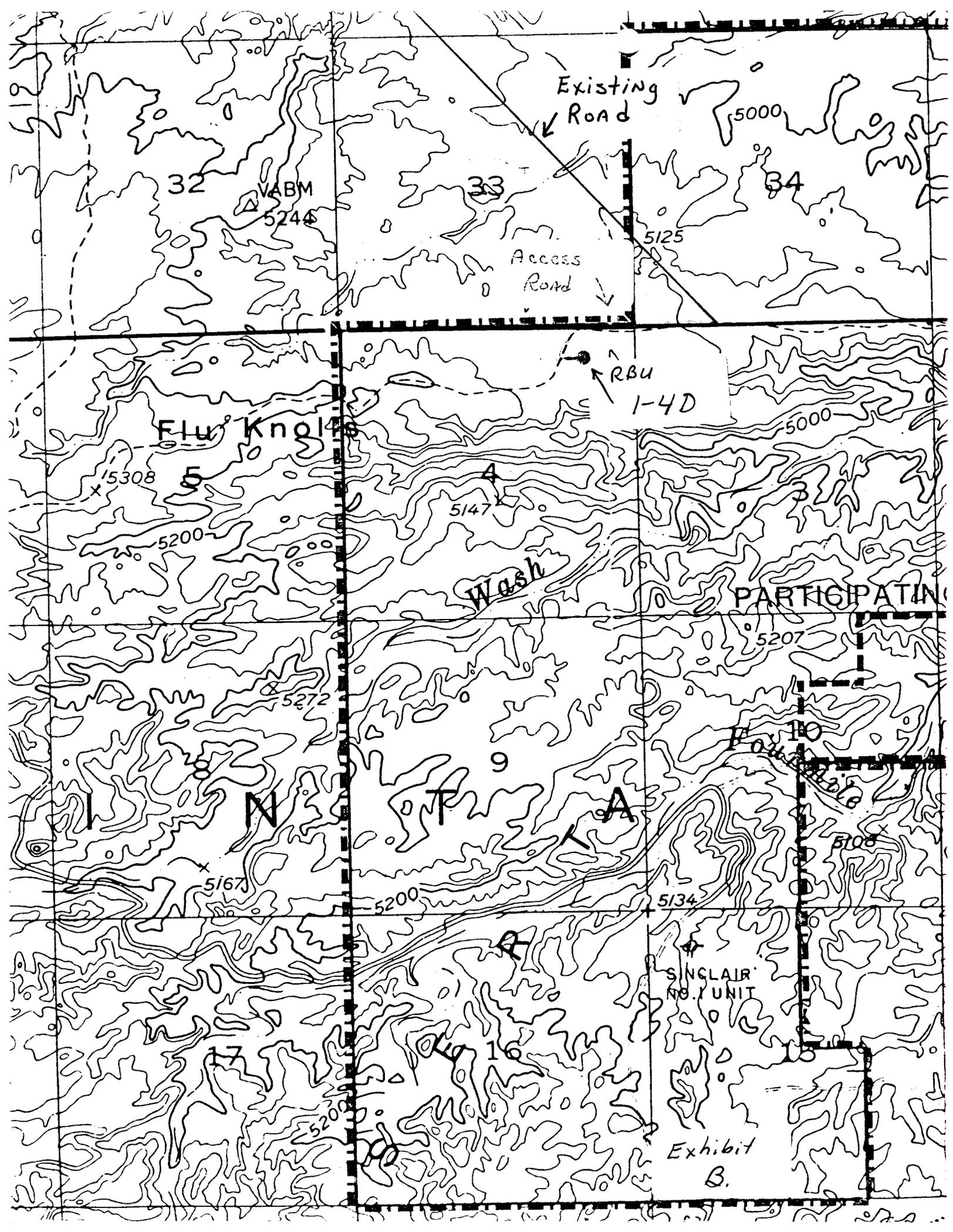




Water Source

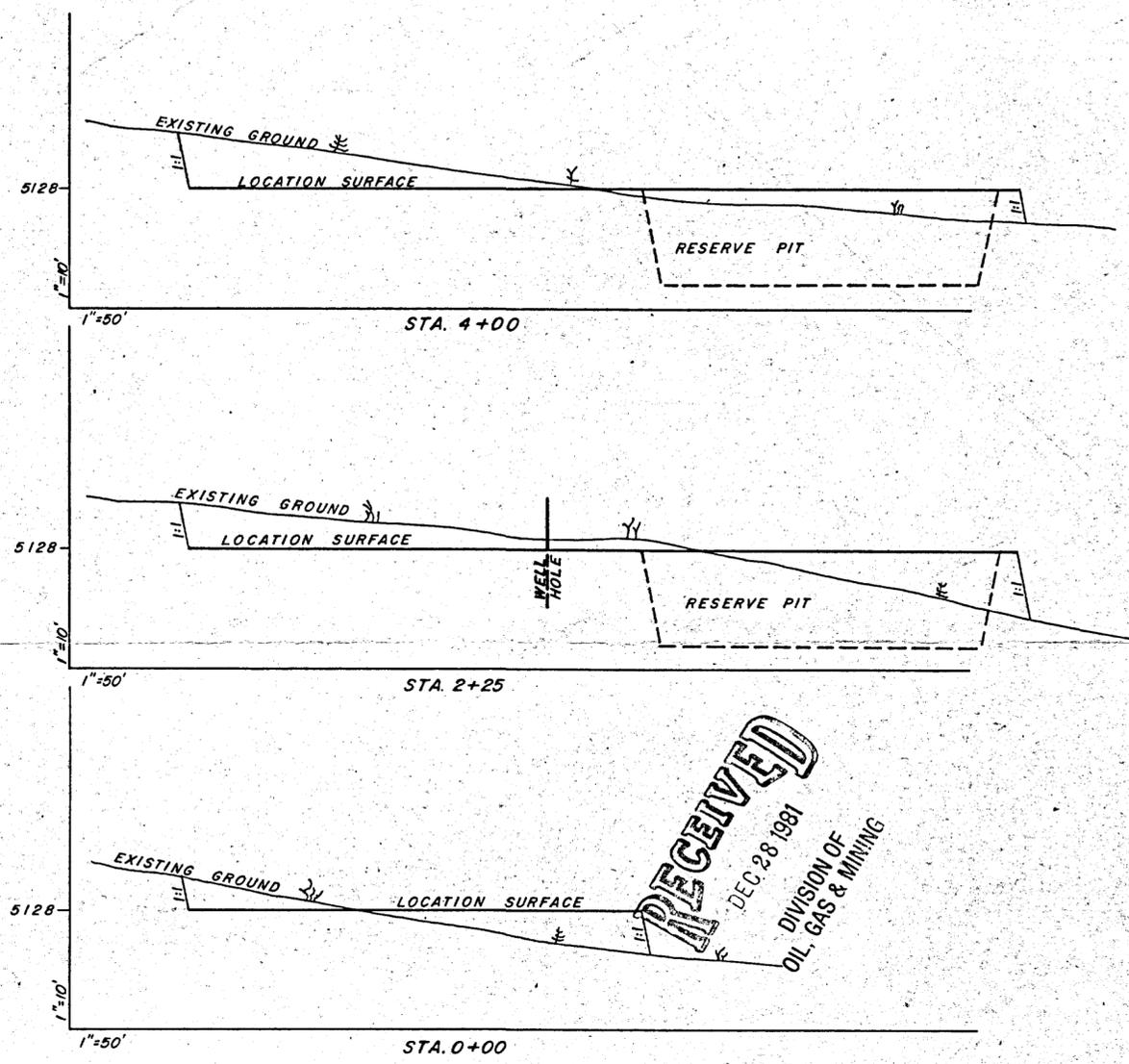
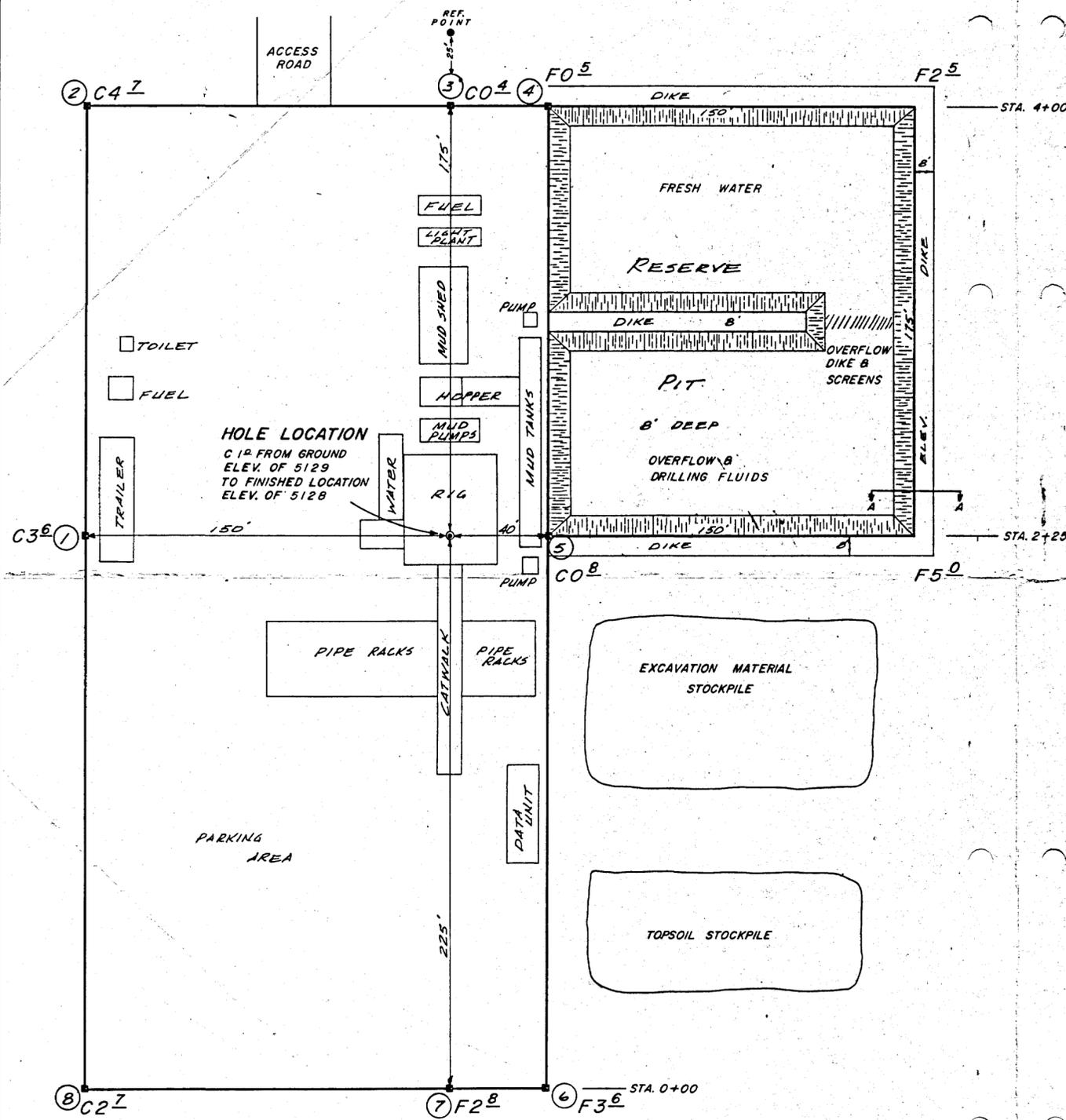
RBU 1-4D

Exhibit D.



MAPCO, INC. WELL LAYOUT PLAT R.B.U. 1-4D

LOCATED IN THE NE¹/₄ OF THE NE¹/₄ OF
SECTION 4, T10S, R18E, S1E.B.M.



RECEIVED
DEC. 28 1981
DIVISION OF
OIL, GAS & MINING

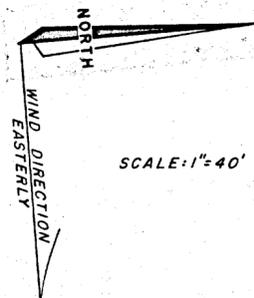
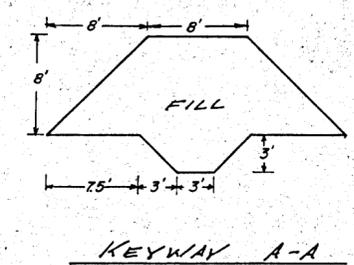
NOTES

THIS LOCATION IS LOCATED ON A RELATIVELY FLAT AREA WITH BROKEN TERRAINE TO THE SOUTH.

THE SOIL IS COMPOSED OF WEATHERED SANDSTONE AND SHALE.

APPROXIMATE QUANTITIES

CUT: 6980 CU. YDS.
FILL: 1220 CU. YDS.



SCALE: 1"=40'

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

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

Exhibit E

* 92 706 Unable to locate Cardex! sep

** FILE NOTATIONS **

DATE: 1-6-82

OPERATOR: Mycop Production Co.

WELL NO: River Bend ^{well} 1-40

Location: Sec. 4 T. 10S R. 18E County: United

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31148

CHECKED BY:

Petroleum Engineer: _____

Director: OK unit well

Administrative Aide: Unit well

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

January 13, 1982

Mapco Production Company
1643 Lewis Suite 202
Billings, Montana 59102

RE: Well No. River Bend 1-40
Sec. 4, T. 10S, R19E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General 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:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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

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

The API number assigned to this well is 43-047-31148.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

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 Co.

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

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements.)*
 At surface 515' FNL & 942' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 mi SE of Myton, Ut

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 515'

16. NO. OF ACRES IN LEASE 919.96

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. NA

19. PROPOSED DEPTH 9350'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5129' GL

22. APPROX. DATE WORK WILL START*
 July, 1982

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'	Cement to surface
7-7/8"	5-1/2"	17#	9350'	Cement to surface

1. Drill a 12-1/4" hole with an air rig to 400'. Run 8-5/8", 24# K-55 casing and cement to surface.
 2. NU and pressure test BOP stack (see Fig. 1) 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 9350' 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 5-1/2", 17# and N80 casing as dictated by drilling shows, tests and logs. Release drilling rig. Casing program may be modified to provide added burst strength if needed for frac program.
 6. Primary zones of interest are the Upper Wasatch and Chapita Wells, sections of the Wasatch and the Mesaverde.
 7. RU completion rig to test in a normal, prudent manner, all zones that indicate a potential for economically, recoverable reserves.
- (See back for 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 R. E. Baumann TITLE Engr. Tech. DATE 12-22-81
R. E. Baumann

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE FOR E. W. Guynn DATE MAR 16 1982
 CONDITIONS OF APPROVAL, IF ANY: District Oil & Gas Supervisor

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

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

State 096

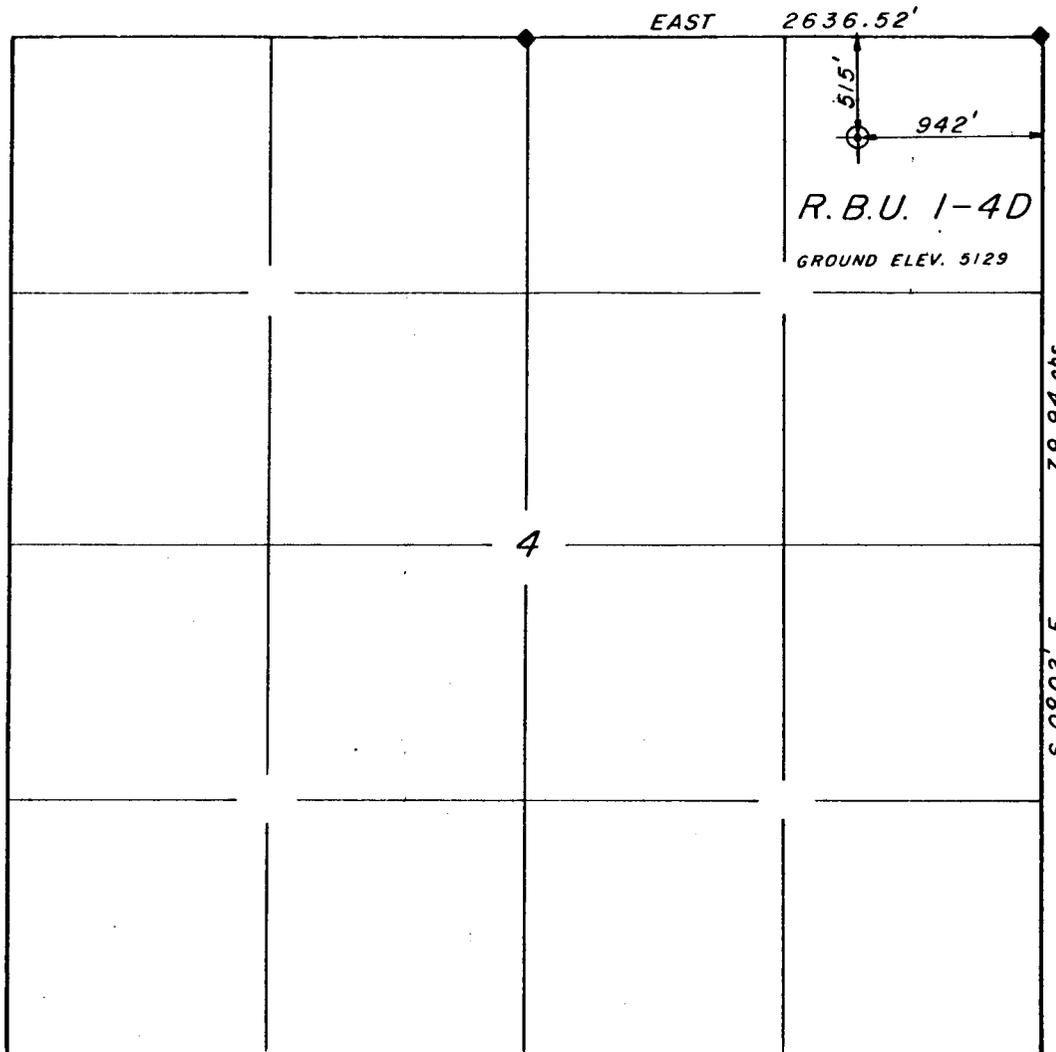
RECEIVED
MAR 17 1982

DIVISION OF OIL, GAS & MINING

R18E
R19E

MAPCO, INC.
WELL LOCATION PLAT
R.B.U. 1-4D

LOCATEL THE NE $\frac{1}{4}$ OF THE NE $\frac{1}{4}$ OF
 SECTION 4, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit
 A

LEGEND & NOTES

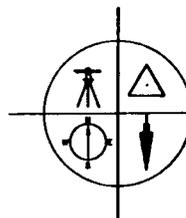
◆ FOUND ORIGINAL CORNER MONUMENTS
 USED FOR THIS SURVEY.

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

26 Oct. '81

79-128-074

Minerals Management Service
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Mapco Production Company
Project Type Gas Well
Project Location 515' FNL 942' FEL Section 4, T10S, R18E
Well No. 1-4D Lease No. U-013820
Date Project Submitted December 24, 1981

FIELD INSPECTION

Date February 19, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Darwin Kulland - Mapco

Related Environmental Documents: Unit Resource Analysis, Duchesne
Planning Unit

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects, and, therefore, does not represent an exception to the categorical exclusions.

March 1, 1982
Date Prepared

Greg Darlington
Environmental Scientist

I concur
MAR 02 1982
Date

W. P. Mouton FOR E. W. GUYNN
District Supervisor DISTRICT OIL & GAS

Proposed Actions:

Mapeo plans to drill the River Bend Unit 1-4D, a 9350' gas test of various formations. About 3000' of existing jeep trail will be upgraded to reach the location from existing roads. A pad 190' by 400' and a reserve pit 100' by 150' are planned for the location.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: February 19, 1982

Well No.: 1-4 D River Bend Unit

Lease No.: V-013820

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: The access road is presently a jeep trail APD says 500' access should say 3000' jeep trail will be upgraded. Pit 100' x 150' (Reduced dimensions to keep pit out of a wash) ^{small} or apparent fault

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) This looks like a relatively good location

The North Section line is Unit Boundary. Part of the access road is on the Unit Boundary for .4 miles or 2000'.

Please Note

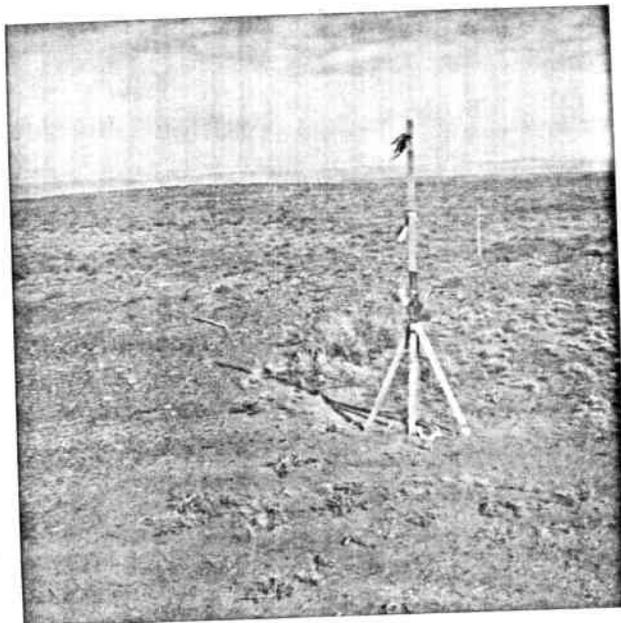
They will have to drill this one sooner than July because their lookups south of Duray are all tied up in a court dispute between Northwest Pipeline and NGLC.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria S16 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	February 19 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



Mapco 1-4D
North View



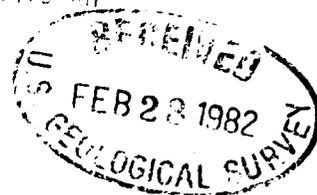
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-801



February 19, 1982

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

Re: Joint Onsite Inspection
MAPCO Production Company
T10S, R18E, Section 4
Well #1-4D

Dear Mr. Guynn:

On February 19, 1982, a joint onsite inspection was made of the above referenced well site location and access road by people representing MAPCO Production, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction 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 booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required by O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

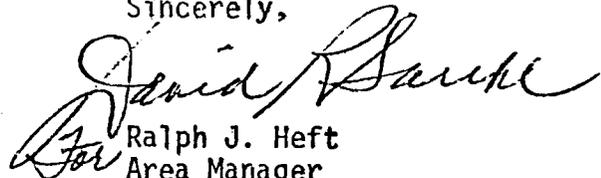
SALT LAKE COUNTY

8. Reserve pits will be fenced with a wire mesh fence topped with at least one (1) strand of barbed wire.
9. The pits dimensions will be 100' x 150'.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill site and access roads. No cultural materials were located on the surface of the survey areas.

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

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain
Resource Area

cc: USGS, Vernal

**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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 515' FNL & 942' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-013820

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
River Bend

8. FARM OR LEASE NAME

9. WELL NO.
1-4D

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4, T10S, R19E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31148

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5129' GL

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) change casing program	<input type="checkbox"/>		<input type="checkbox"/>

(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 change the casing program for the RBU 1-4D as follows:

Size of Hole	Size of Casing	Weight/Feet	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48# H-40	120'	Cmt to surface
12-1/2"	8-5/8"	24# K-55 & 28# S-80	3500'	Cmt to surface
7-7/8"	5-1/2"	17# N-80	9350'	Cmt to 3500'

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 10-4-82
R. E. Baumann

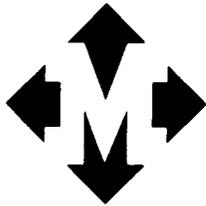
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10/25/82
BY: _____

*See Instructions on Reverse Side



MAPCO

PRODUCTION COMPANY

December 22, 1981

RECEIVED
DEC 28 1981
DIVISION OF
OIL, GAS & MINING

Mr. Mike Minder
State of Utah
Dept. of Natural Resources
Div. of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: RBU 1-4D

Dear Mike:

MAPCO hereby applies for exception of location for the RBU 1-4D. Due to topographic reasons, the well cannot be moved further south to conform with the State of Utah recommendations.

Very truly yours,

MAPCO Production Company

R. E. Baumann

R. E. Baumann
Engineering Technician

REB/ch



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 12, 1983

Mapco Production Company
1643 Lewis Ave, Suite 202
Billings, Montana 59102

Re: See attached sheet

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Well Records Specialist

CF/cf

Well No. River Bend Unit # 11-34B
Sec. 34, T. 9S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 1-4D
Sec. 4, T. 10S, R. 18E.
Uintah County, Utah

Well No. River Bend Unit # 8-4E
Sec. 4, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-10E
Sec. 10, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-14E
Sec. 14, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-14E
Sec. 14, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-15E
Sec. 15, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 10-15E
Sec. 15, T. 10S, R. 19E.
Uintah County, Utah

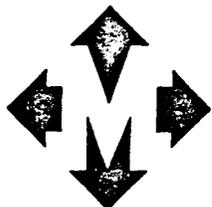
Well No. River Bend Unit # 3-23E
Sec. 23, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-23E
Sec. 23, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-24E
Sec. 24, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 11X-2F
Sec. 2, T. 10S, R. 20E.
Uintah County, Utah

Well No. River Bend Unit # 12-8F
Sec. 18, T. 10S, R. 20E.
Uintah County, Utah



MAPCO

PRODUCTION COMPANY

March 18, 1983

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Attn: Cari Furse

Re: Attached List

Dear Ms. Furse:

MAPCO Production Company does plan on drilling the wells listed on the attached sheet, except for the RBU 11X-2F and RBU 1-4D. The wells were not drilled in 1982 due to circumstances beyond our control, but are scheduled to be drilled this year. Our notice of intention to drill these wells is outlined in our 1983 River Bend Unit Plan of Development sent to you on December 16, 1982.

If you need any further information, please notify me.

Very truly yours,

MAPCO Production Company

R. E. Baumann

R. E. Baumann
Engr. Tech.

REB/ch
Attach.

Acknowledge Receipt:

Well No. River Bend Unit # 11-34B
Sec. 34, T. 9S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 1-4D
Sec. 4, T. 10S, R. 18E.
Uintah County, Utah

Well No. River Bend Unit # 8-4E
Sec. 4, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-10E
Sec. 10, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-14E
Sec. 14, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-14E
Sec. 14, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-15E
Sec. 15, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 10-15E
Sec. 15, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-23E
Sec. 23, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 9-23E
Sec. 23, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 3-24E
Sec. 24, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit # 11X-2F
Sec. 2, T. 10S, R. 20E.
Uintah County, Utah

Well No. River Bend Unit # 12-18F
Sec. 18, T. 10S, R. 20E.
Uintah County, Utah

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

April 4, 1983

MAPCO Production Company
1643 Lewis Avenue, Ste. 202
Billings, Montana 59102

Re: Rescind Application for Permit
to Drill
Well No. 1-4D
Section 4, T. 10 S., R. 19 E.
Uintah County, Utah
River Bend Unit
Lease U-013820

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 16, 1982. Since that date no known activity has transpired at the approved location. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

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

Sincerely,

(ORIG. SGD.) W. P. MARTENS
Drilling Unit Supervisor

for E. W. Guynn
District Oil and Gas Supervisor

bcc: Well File
SMA
State O&G ✓
State BLM
APD Control
Vernal or Durango

WPH/kr



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 7, 1983

Mapco Production Company
1643 Lewis Avenue, Suite 202
Billings, Montana 59102

RE: Rescind Application for
Permit to Drill
Well NO. 1-4D
Sec. 4, T.10S,R.19E
Uintah County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Oil and Gas Operations.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in cursive script, appearing to read "Norman C. Stout".

Norman C. Stout
Administrative Assistant

NS/as