UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG ___ ELECTRIC LOGS ___ FILE X WATER SANDS ___ LOCATION INSPECTED ___ SUB. REPORT/ABD. ___

* LOCATION CHANGE 10-3-80

DATE FILED 8-4-80

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-013429-A INDIAN

DRILLING APPROVED: 8-8-80

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: Location Abandoned - Well never drilled Nov. 10, 1981

FIELD: UTELAND BUTTE 3/86

UNIT: RIVER BEND UNIT

COUNTY: UINTAH

WELL NO. RBU 11-15D API NO: 43-047-30755

LOCATION ~~1955'~~ 1920' FT. FROM ~~(N)~~ (S) LINE. ~~1367'~~ 1402' FT. FROM ~~(E)~~ (W) LINE. NE SW ¼-¼ SEC 15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
10S	18E	15	MAPCO PRODUCTION CO.				

FILE NOTATIONS

Entered in N I D File ✓

Entered On S R Sheet

Location Map Pinned

Card Indexed ✓

I W R for State or Fee Land

Checked by Chief

Copy N I D to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW WW TA

GW OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E I E-I GR GR-N Micro

Lat Mi-L Sonic Others

7-6-93 fcr

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-013429-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend Unit

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 11-15D

10. FIELD AND POOL, OR WILDCAT: Uteland Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 15, T10S, R18E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

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 and in accordance with any State requirements.*)
At surface: ~~1367'~~ 1402' FWL & ~~1955'~~ 1920' FSL, Sec 15, T10S, R18E
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 24 miles SE of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1367'

16. NO. OF ACRES IN LEASE: 760

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.: N.A.

19. PROPOSED DEPTH: 6775'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5160' G.L.

22. APPROX. DATE WORK WILL START*: Summer 1980

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"	4-1/2"	9.5# & 10.5#	6775'	Cement to surface

1. Drill a 12-1/4" hole with an air rig to 400', run 8-5/8", 24#, H-40 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 6775' 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 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 7-25-80
Richard 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 DIVISION OF OIL, GAS, AND MINING
DATE: 8-6-80
BY: M.J. Minder

RECEIVED AUG 4 1980

*See Instructions On Reverse Side

Form 9-331 C
(May 1963)

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: MAPCO Production Company

3. ADDRESS OF OPERATOR: Alpine Executive Center, 1643 Lewis Ave., Suite 202, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1367' FWL & 1955' FSL, Sec 15, T13S, R18E
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 24 miles SE of Ryton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1367'

16. NO. OF ACRES IN LEASE: 760

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

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

19. PROPOSED DEPTH: 6775'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5160' G.L.

22. APPROX. DATE WORK WILL START*: 7-15-83

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'	Circ. to surface
7-7/8"	4-1/2"	9.5# & 10.5#	6775'	1000' above top of pay

1. Drill a 12-1/4" hole with an air rig to 400', run 8-5/8" cement to surface.
2. NU and pressure test BOP stack (see fig 1) prior to drilling pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 6775' with a salt water mud system. DST's will be run as needed to evaluate unexpected shows.
5. Run logs. Set 4-1/2" 9.5# & 10.5#, K-55 casing as dictated tests and logs. Casing program may be modified to provide if needed for frac program.
6. Primary zones of interest are the Green River and Uteland the Wasatch.
7. All zones indicating potential for economically recoverable in a normal, prudent manner.

FORAMTION LOG TOPS	
Uintah	Surface
Green River	1130
Wasatch	4762
Chapita Wells	5466
Uteland Buttes	6672

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present 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

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-711-396
8-39-171

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. Consult local

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.

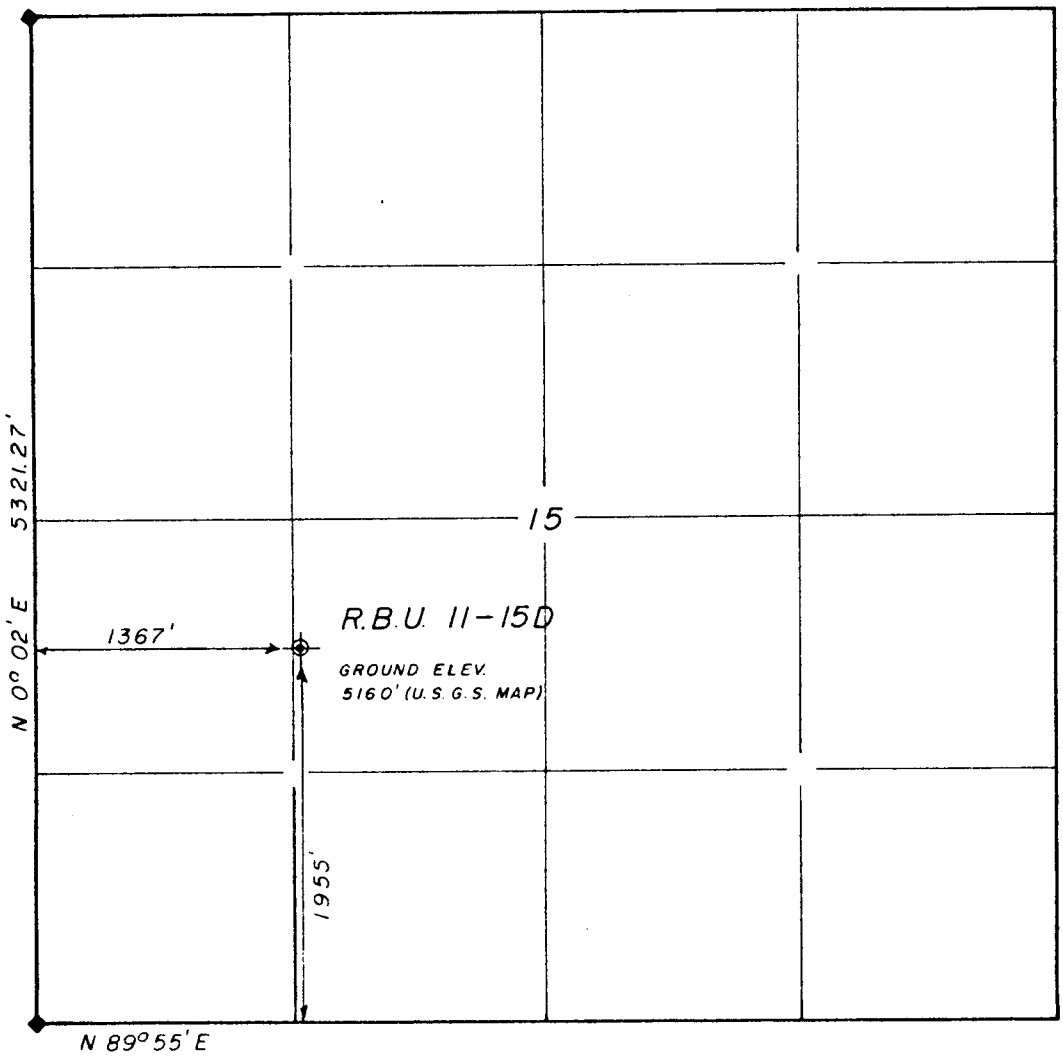
Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

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

*See Instructions On Reverse Side

MAPCO, INC.
WELL LOCATION
R.B.U. 11-15D

LOCATED IN THE NE¼ OF THE SW¼ OF
SEC. 15, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit A.

LEGEND & NOTES

◆ Section corners found and used.

General Land Office notes and plats were used for reference and calculations.

SURVEYOR'S CERTIFICATE

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

Jerry D. Allred

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

ALLRED · PEATROSS ASSOCIATES
Surveying & Engineering Consultants
P O Drawer C
DUCHESNE UTAH 84021
(801) 738-5352

79-128-007 5 July '79

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

Attached to Form 9-331C
Company: MAPCO PRODUCTION COMPANY
Well: RBU 11-15D
Well Location: 1367' FWL & 1955' FSL
Section 15, T10S, R18E
County: Uintah State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

Formation	Depth
Uintah	Surface
Green River	1130'
Wasatch	4762'
Chapita Wells	5466'
Uteland Buttes	6672'

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

Formation	Depth	Remarks
Green River X marker	1830'	Oil zone
Green River I zone	3470'	Oil zone
Green River K zone	3775'	Oil zone
Green River Tongue	4567'	Oil zone
Chapita Wells	5466'	Gas zone

4. The Proposed Casing Program

SIZE OF CASING	WEIGHT & GRADE	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8"	24# H-40	400'	Cement to surface
4-1/2"	9.5# & 10.5# K-55	6775'	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 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 400 ' 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 6775' to surface.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

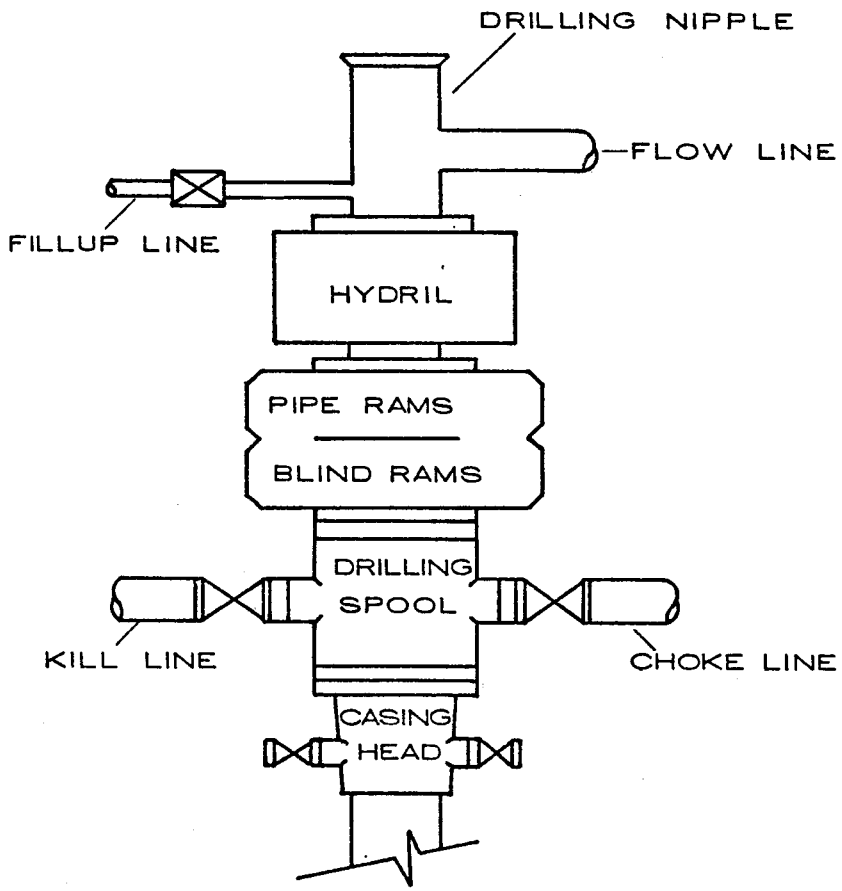
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H_2S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date: Summer 1980

Duration: 20 days

BOP STACK



CHOKE MANIFOLD

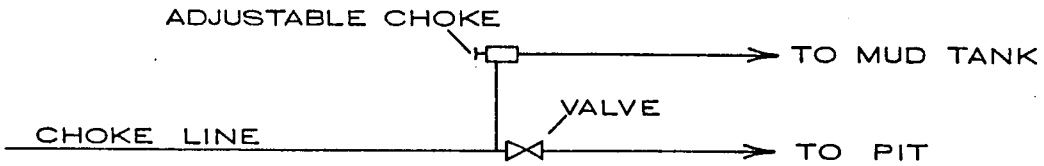


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C
COMPANY: MAPCO PRODUCTION COMPANY
WELL: RBU 11-15D
WELL LOCATION: 1367' FWL & 1955' FSL
Section 15, T10S, R18E
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 1.5 mi 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

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: Mtn Fuel Island B No. 2
3. Temporarily abandoned wells: None
4. Disposal wells: None
5. Drilling wells: None
6. Producing wells: None
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 from the Green River location at Sec 19, T10S, R19E.

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 & 2.

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 west side of the area as shown. The access road will be from the SW. 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 burried 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 at the south side of a sandstone ridge. The area is rolling sandstone ridges.

   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): None

   Archaeological or historical sites (if any, shown on Exhibit B): A unit-wide Cultural Mitigation study, AERC Paper No. 18, has been conducted.

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

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

or

Darwin Kulland
District Superintendent
MAPCO Production Company
P.O. Box 1360
Roosevelt, Utah 84066

Phone : (801) 722-4521

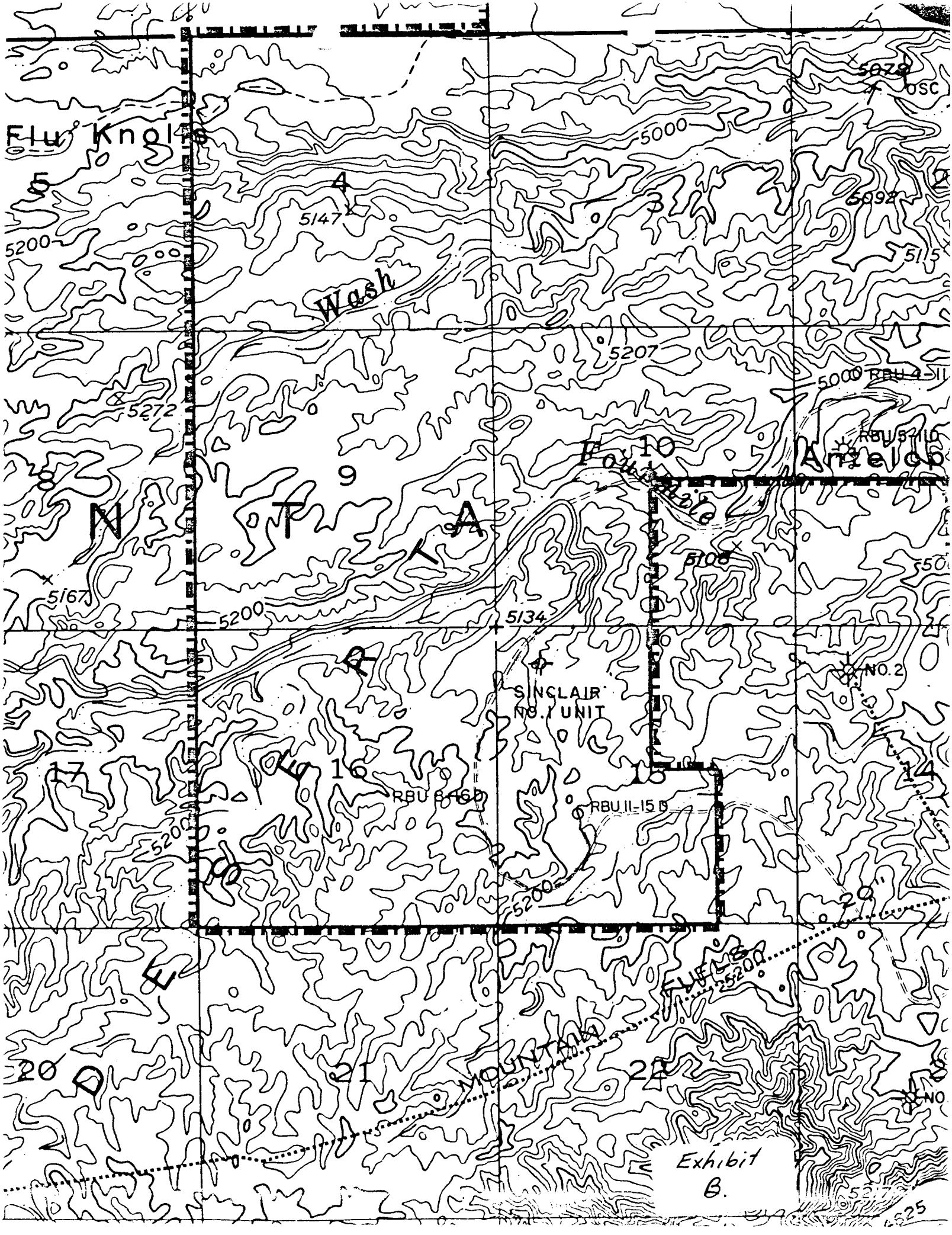
13. Certification

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.

7/30/80
DATE

J D Holliman
NAME J.D. Holliman

Manager of Operations
TITLE


Flu Knolls
5
4
3
5147
5200
5000
5092
5079
OSC
Wash
5207
5272
5000
RBU 4-11
RBU 5-11D
10
Antelope
9
N
T
A
5100
5167
5200
5134
NO. 2
SINCLAIR
NO. 1 UNIT
17
16
15
14
RBU 8-16D
RBU 11-15D
5200
20
21
22
MOUNTAIN
FUEL
5200
Exhibit
B.

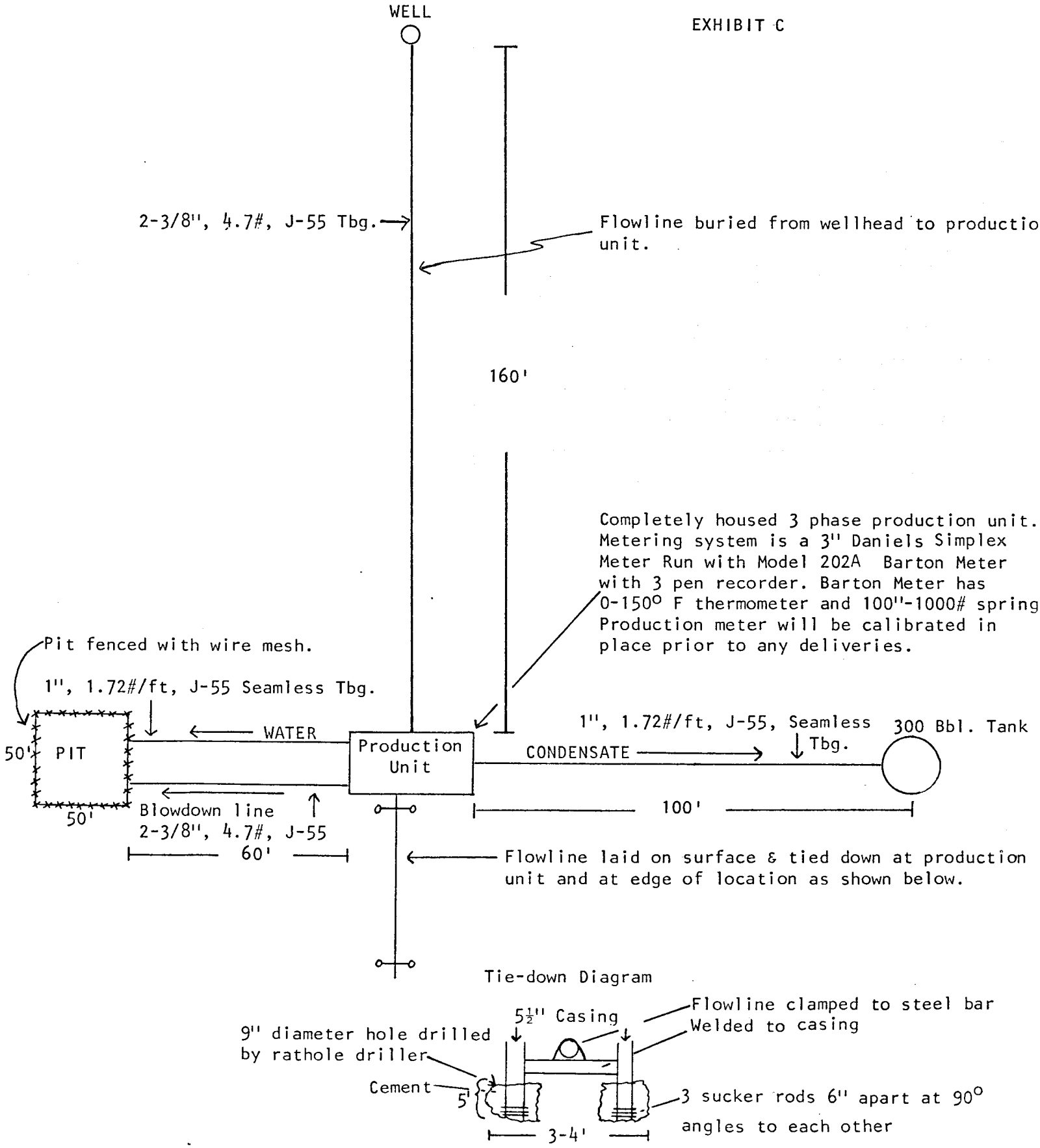
Subject: RIVER BEND UNIT NO 11-15D

Date

Sheet of

By

EXHIBIT C



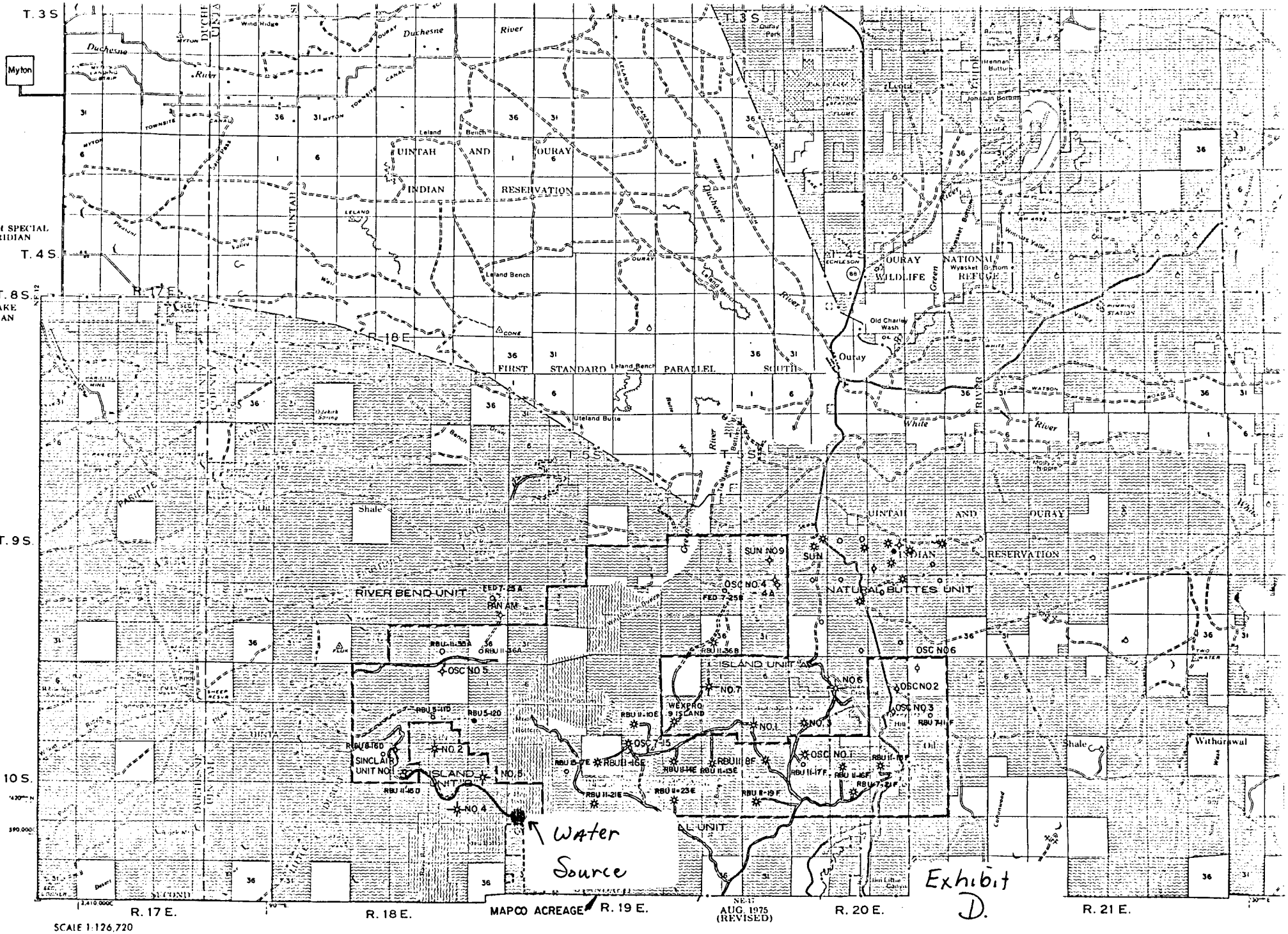

T. 3 S.
T. 4 S.
T. 8 S.
T. 9 S.
T. 10 S.
UINTAH SPECIAL MERIDIAN
SALT LAKE MERIDIAN
Myton
Duchesne
River
UINTAH AND OURAY INDIAN RESERVATION
OURAY NATIONAL WILDLIFE REFUGE
R. 17 E.
R. 18 E.
FIRST STANDARD PARALLEL SOUTH
Ouray
Leland Bench
Uteland Butte
Old Charley Wash
White River
RIVER BEND UNIT
NATURAL BUTTES UNIT
ISLAND UNIT
SINCLAIR UNIT NO.1
SUN NO.9
OSC NO.4
OSC NO.5
OSC NO.6
OSC NO.2
OSC NO.3
OSC NO.1
NO.2
NO.4
NO.5
NO.6
NO.7
NO.1
NO.3
WEXPRO 9 ISLAND
PAN AM
Shale
Withdrawal
Water Source
MAPCO ACREAGE
R. 19 E.
R. 20 E.
R. 21 E.
AUG. 1975 (REVISED)
SCALE 1:126,720

Exhibit D.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

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 and in accordance with any State requirements.*)
At surface: 1367' FWL & 1955' FSL, Sec 15, T10S, R18E
At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.: U-013429-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: River Bend Unit

8. FARM OR LEASE NAME:

9. WELL NO.: RBU 11-15D

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 15, T10S, R18E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 24 miles SE of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1367'

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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.: N.A.

19. PROPOSED DEPTH: 6775'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5160' G.L.

22. APPROX. DATE WORK WILL START*: Summer 1980

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"	4-1/2"	9.5# & 10.5#	6775'	Cement to surface

1. Drill a 12-1/4" hole with an air rig to 400', run 8-5/8", 24#, H-40 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 6775' 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 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, Richard Baumann TITLE Engineering Technician DATE 7-25-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED AUG 4 1980

*See Instructions On Reverse Side

Form 9-331 C
(May 1963)

(Other instructions on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [X]

2. NAME OF OPERATOR: MAPCO Production Company

3. ADDRESS OF OPERATOR: Alpine Executive Center, 1643 Lewis Ave., Suite 202, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1367' FWL & 1955' FSL, Sec 15, T10S, R18E
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 24 miles SE of Ryton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1367'

16. NO. OF ACRES IN LEASE: 760

17. NO. OF ACRES ASSIGNED TO THIS WELL: [illegible]

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

19. PROPOSED DEPTH: 6775'

20. ROTARY OR CABLE TOOLS: [illegible]

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5160' G.L.

22. APPROX. DATE WORK WILL START*: [illegible]

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'	[illegible]
7-7/8"	4-1/2"	9.5# & 10.5#	6775'	[illegible]

1. Drill a 12-1/4" hole with an air rig to 400', run 8-5/8" [illegible] cement to surface.
2. NU and pressure test BOP stack (see Fig 1) prior to drilling [illegible] pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 6775' with a salt water mud system. DST's will be run as needed to evaluate unexpected shows.
5. Run logs. Set 4-1/2" 9.5# & 10.5#, K-55 casing as dictated tests and logs. Casing program may be modified to provide [illegible] if needed for frac program.
6. Primary zones of interest are the [illegible] and Uteland Buttes [illegible] the Wasatch.
7. All zones indicating potential for economically recoverable [illegible] in a normal, prudent manner.

FORAMTION LOG TOPS	
Uintah	Surface
Green River	1130
Wasatch	4762
Chapita Wells	5466
Uteland Buttes	6672

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 Sumpter TITLE: Engineering Technician DATE: [illegible]

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-711-396
8-39-171

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.

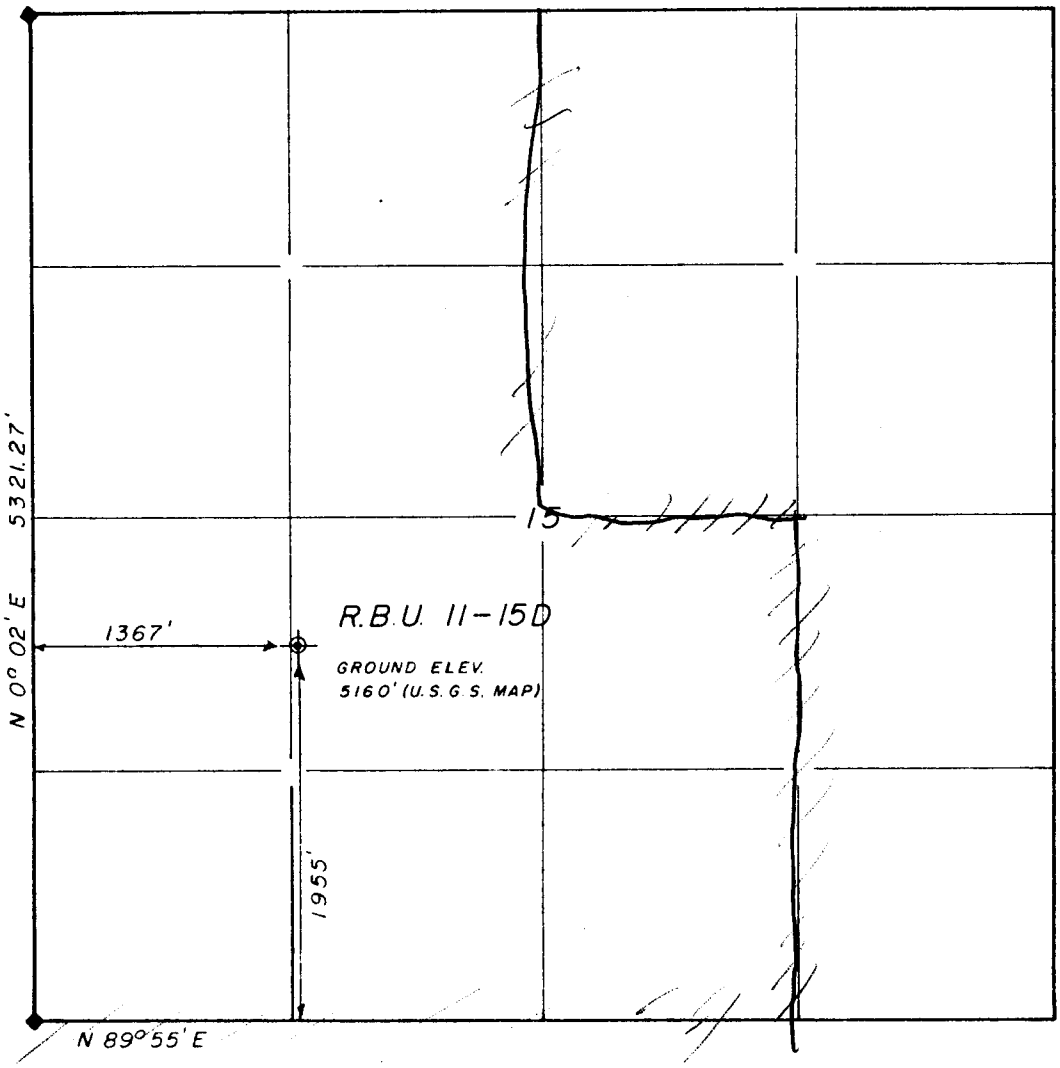
Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

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

*See Instructions On Reverse Side

MAPCO, INC.
WELL LOCATION
R.B.U. 11-15D

LOCATED IN THE NE¼ OF THE SW¼ OF
SEC. 15, T10S, R18E, S.L.B.&M.



SCALE: 1"=1000'

Exhibit A.

LEGEND & NOTES

◆ Section corners found and used.

General Land Office notes and plats were used for reference and calculations.

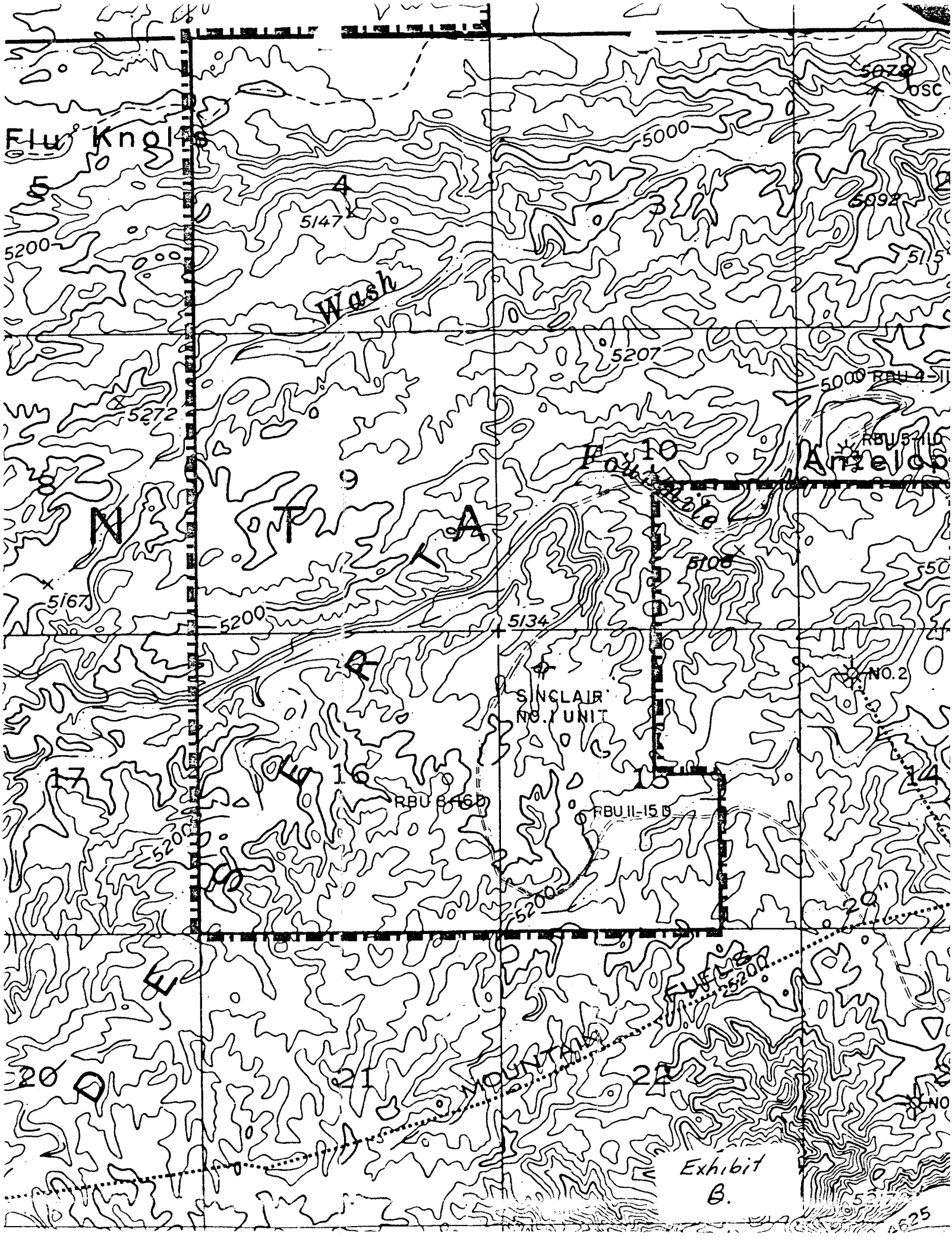
SURVEYOR'S CERTIFICATE

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

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

ALLRED · PEATROSS ASSOCIATES
Surveying & Engineering Consultants
P O Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

79-128-007 5 July '79


Flu Knolls
5
4
3
5147
5200
5000
5092
5079
OSC
Wash
5207
5000
RBU 4-11
5272
10
Antelope
RBU 5-11D
9
N
T
A
5167
5200
5134
5100
NO. 2
SINCLAIR
NO. 1 UNIT
17
16
15
14
RBU 8-16D
RBU 11-15D
5200
20
21
22
MOUNTAIN
5200
Exhibit
B.

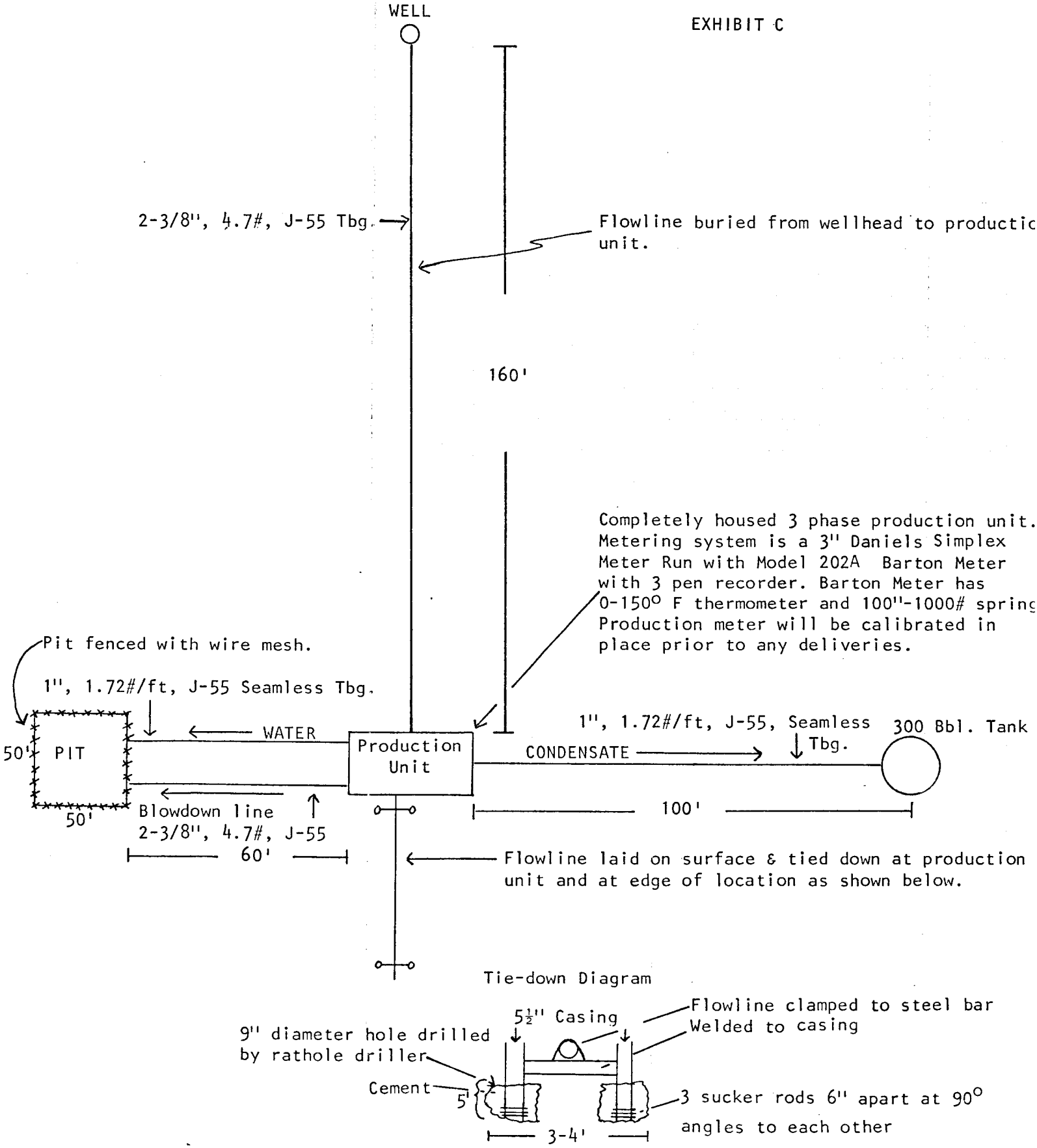
Subject: RIVER BEND UNIT NO 11-15D

Date

Sheet of

By

EXHIBIT C



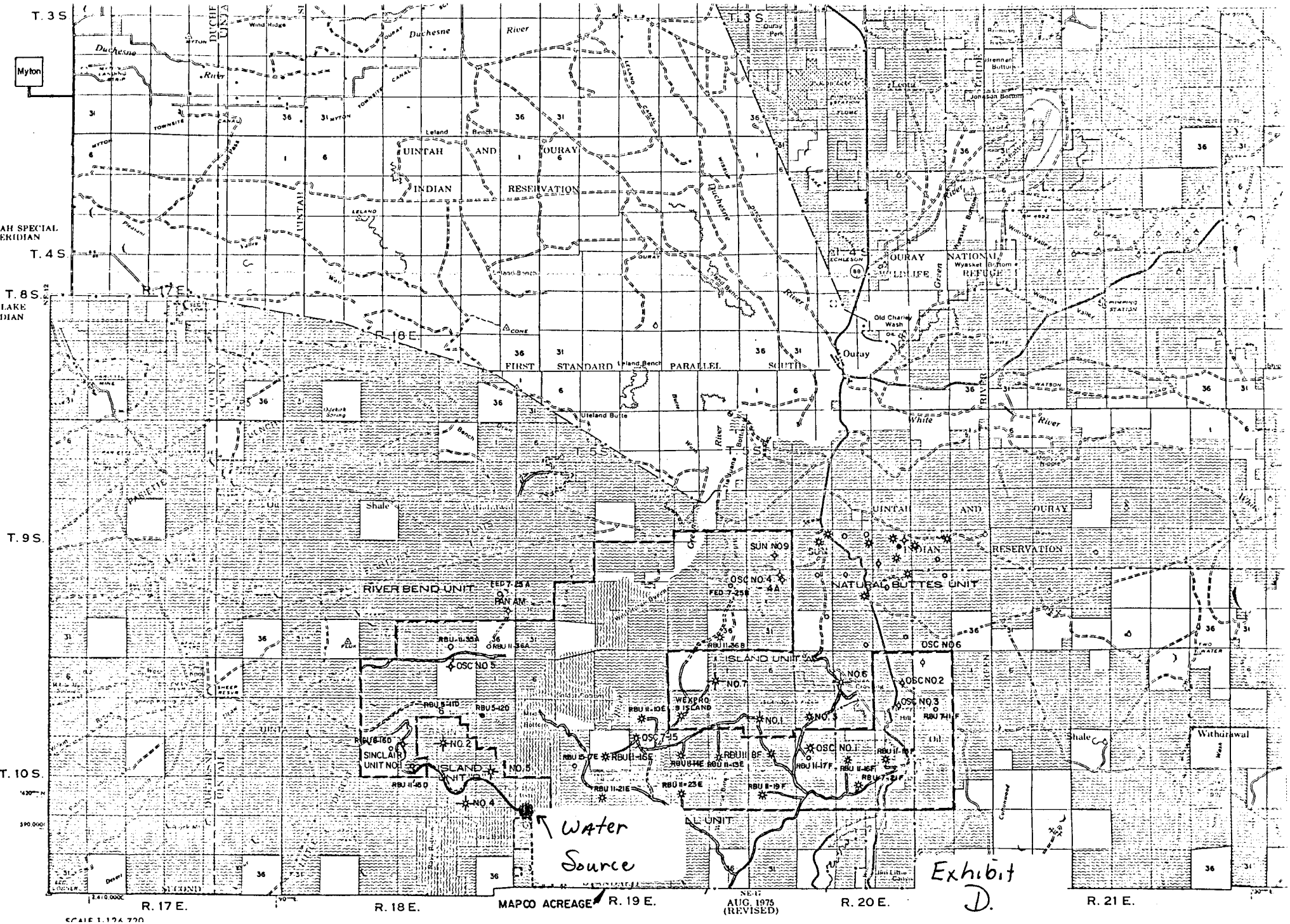

T. 3 S.
T. 4 S.
T. 8 S.
T. 9 S.
T. 10 S.
UINTAH SPECIAL MERIDIAN
SALT LAKE MERIDIAN
R. 17 E.
R. 18 E.
R. 19 E.
R. 20 E.
R. 21 E.
Myton
Duchesne River
UINTAH AND OURAY INDIAN RESERVATION
OURAY NATIONAL WILDLIFE REFUGE
Ouray
Leland Bench
FIRST STANDARD PARALLEL SOUTH
RIVER BEND UNIT
NATURAL BUTTES UNIT
ISLAND UNIT
SINCLAIR UNIT NO. 1
SUN NO. 9
OSC NO. 4
OSC NO. 5
OSC NO. 6
OSC NO. 2
OSC NO. 3
OSC NO. 1
OSC 7-15
NO. 2
NO. 3
NO. 4
NO. 5
NO. 6
NO. 7
NO. 1
WEXPRO 9 ISLAND
PAN AM
Water Source
MAPCO ACREAGE
Withdrawal
Shale
AUG. 1975 (REVISED)

Exhibit D.

** FILE NOTATIONS **

DATE: Aug 4, 1980

OPERATOR: Mapco Production Co

WELL NO: RBU 11-15D

Location: Sec. 15 T. 10S R. 18E County: Uintah

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet: ✓

API Number 43-047-30955

CHECKED BY:

Petroleum Engineer: M.J. Minder 8-6-80

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 Fed Plotted on Map

Approval Letter Written

Hot Line ✓ P.I. ✓

Unit

August 8, 1980

MAPCO Production Company
Alpine Executive Center
1643 Lewis Avenue, Suite 202
BILLINGS, MONTANA 59102

RE: Well No. RBU 8-31C, Sec. 31, T. 9S, R. 20E, Uintah County, Utah
Well No. RBU 11-15D, Sec. 15, T. 10S, R. 18E, Uintah County, Utah
Well No. RBU 11-15E, Sec. 15, T. 10S, R. 19E, Uintah County, Utah
Well No. RBU 1-16E, Sec. 16, T. 10S, R. 19E, Uintah County, Utah
Well No. RBU 9-16E, Sec. 16, T. 10S, R. 19E, Uintah County, Utah
Well No. RBU 11-24E, Sec. 24, T. 10S, R. 19E, Uintah County, Utah
Well No. RBU 11-2F, Sec. 2, T. 10S, R. 20E, Uintah County, Utah
Well No. RBU 7-10F, Sec. 10, T. 10S, R. 20E, Uintah County, Utah
Well No. RBU 6-20F, Sec. 20, T. 10S, R. 20E, Uintah County, Utah
Well No. RBU 11-19C, Sec.19, T. 9S, R. 20E, Uintah County, Utah
Well No. RBU 11-30C, Sec. 30, T. 9S, R. 20E, Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells are 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 these wells, 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 are listed on the following page.

The API numbers assigned to these wells are RBU 8-31C: 43-047-30754, RBU 11-15D: 43-047-30755, RBU 11-15E: 43-047-30756, RBU 1-16E: 43-047-30757, RBU 9-16E: 43-047-30758, RBU 11-24: 43-047-30759, RBU 11-2F: 43-047-30760, RBU 7-10F: 43-047-30761, RBU 6-20F: 43-047-30762, RBU 11-19C: 43-047-30752, RBU 11-30C: 43-047-30753.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/bh

cc: USGS

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
Budget Bureau No 42-R1425

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5 LEASE DESIGNATION AND SERIAL NO: U-013429-A

6 IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7 UNIT AGREEMENT NAME: River Bend Unit

b TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

8 FARM OR LEASE NAME:

2 NAME OF OPERATOR: MAPCO Production Company
Alpine Executive Center

9 WELL NO: RBU 11-15D

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

10 FIELD AND POOL, OR WILDCAT:

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
At surface: ~~1367'~~ 1403' FWL & ~~1955'~~ 1920' FSL, Sec 15, T10S, R18E
At proposed prod. zone: Same

LOCATION CHANGE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 15, T10S, R18E

14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 24 miles SE of Myton, Utah

12 COUNTY OR PARISH: Uintah

13 STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drlg unit line, if any): 1367'

16. NO OF ACRES IN LEASE: 760

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.: N.A.

19. PROPOSED DEPTH: 6775'

20 ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5160' G.L.

22. APPROX. DATE WORK WILL START*: Summer 1980

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"	4-1/2"	9.5# & 10.5#	6775'	Cement to surface

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5. Run logs. Set 4-1/2" 9.5# & 10.5#, 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 Richard Baumann TITLE Engineering Technician DATE 7-25-80

(This space for Federal or State office use)

RECEIVED NOV 3 1980

PERMIT NO _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E W GUYNN DISTRICT ENGINEER DATE OCT 3 0 1980

DIVISION OF OIL, GAS & MINING

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Production Facilities and Flowline NOT Approved

*See Instructions On Reverse Side

CONDITIONS ATTACHED TO OPERATOR'S COPY

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

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.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396
839-171

FORAMTION LOG TOPS

Uintah	Surface
Green River	1130'
Wasatch	4762'
Chapita Wells	5466'
Uteland Buttes	6672'

Identification No. CER #631-80
Lease U-013429-A River Bend Unit

United States Department of the Interior
Geological Survey
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Mapco Production Company

Project Type Gas well drilling

Project Location 1402' FWL & 1920' FSL Section 15, T10S, R18E #RBU 11-15D

Date Project Submitted August 4, 1980

FIELD INSPECTION Date August 26, 1980

Field Inspection Participants

Greg Darlington	USGS, Vernal
Ron Rogers	BLM, Vernal
Larry England	BLM, Vernal
Darwin Kulland	Mapco Production Company

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.

September 5, 1980
Date Prepared

/s/ Gregory Darlington
Environmental Scientist

I concur

9/17/80
Date

District Supervisor

9/12/80 aj

Proposed Project:

Mapco Production Company proposes to drill the RBU 11-15D well, a 6,775 gas test of the Wasatch formations. The location will involve the upgrading of 1.5 miles of presently existing jeep trail to an 18 foot driving surface. About 2.5 acres of new surface disturbance would be associated with the project.

Recommended approval conditions:

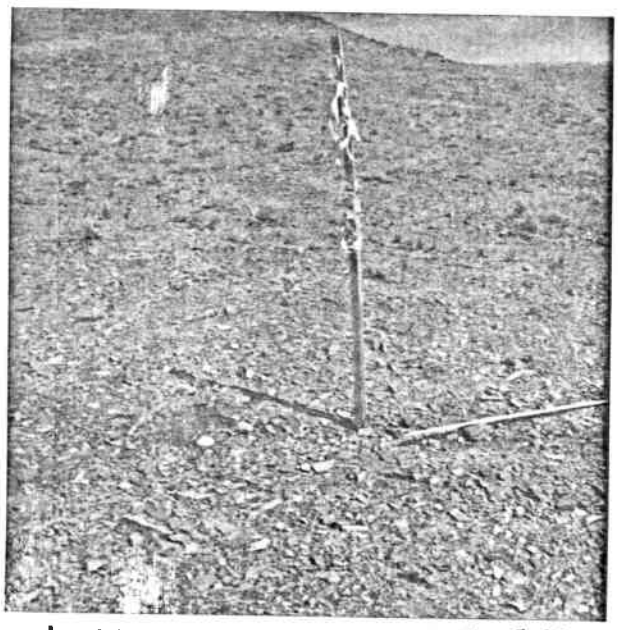
Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. Lease stipulations

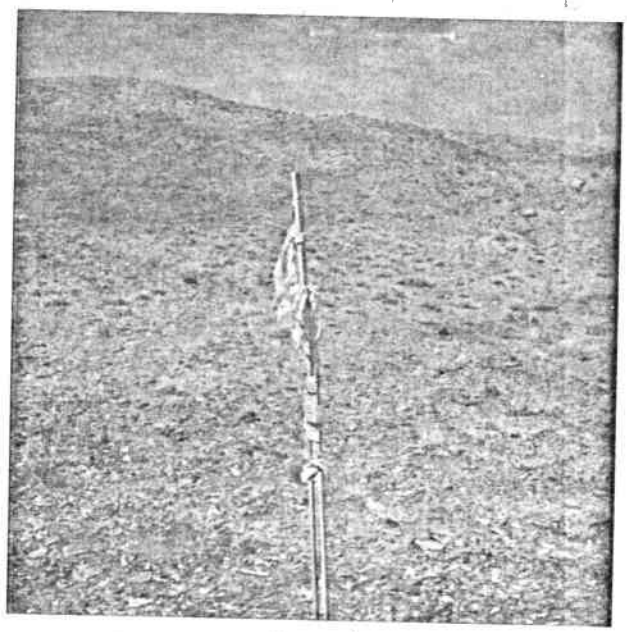
2. BLM stipulations

3. The location is moved 50 feet to the southeast to mitigate cut and fill associated with pad construction and better fit the location topography.

4. The operator is requested to furnish suitable logs of any oil shale bearing zones as requested by the mineral evaluation and mining reports.



North View of Mapco 11-15D
Sec. 15, T. 10 S., R. 18 E.
8/26



West View of Mapco 11-15D
Sec. 15, T10S, R18E
8/26

IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

T & R
U-802

August 29, 1980

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

Re: MAPCO Production Company
River Bend Unit
Well #11-15D, Lease
#U-013429-A Section 15,
T10S, R18E, Uintah County,
Utah

Dear Mr. Guynn:

A joint field examination was made on August 26, 1980, of the above referenced well site location and proposed access road. 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 brochure, "Surface Operation Standards for Oil and Gas Exploration and Development."

2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required. Roads are to be crowned and bar ditched where needed.

3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plan. The BLM recommends that the top 4-6 inches of topsoil materials be stockpiled at the site. Topsoil must be stockpiled seperately from excess cut material.

AMERICAN REVOLUTION BICENTENNIAL 1776-1976

RECEIVED SEP 04 1980 GEOLOGICAL SURVEY

4. The BLM must be contacted a least 24 hours prior to any construction activities.

5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.

6. In the event that oil storage tanks are needed earth dikes will be built around the tanks in order to contain accidental spills. The height of the dikes will be sufficient to contain the entire contents of the tanks.

7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.

8. The well site location will be moved 50 feet to the south east.

9. At least 4 feet of the reserve pits depth will be below the natural ground surface. This is necessary in order to prevent accidental leakage from the pits and to aid in restoration of the site.

An archaeological study has been conducted by Archaeological-Environmental Research Corporation. No cultural resources were located at the proposed site.

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

The BLM representative will be Gary Slagel, 789-1362.

Sincerely,

R Heft

Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-013429-A

OPERATOR: MAPCO Prod. Co.

WELL NO. RBU 11-15D

LOCATION: SW¼ NE¼ SW¼ sec. 15, T. 10S, R. 19E, SLM

Uintah County, Utah

---

1. Stratigraphy: Tops are reasonable;

Uinta - Surface
Green River - 1130'
Wasatch - 4762'
Chapita Wells - 5466'
Uteland Buttes - 6672'
T.D. ~ 6775'

2. Fresh Water: Probable in the Uinta Fm. possible to the base of the Green River Fm.

3. Leasable Minerals:

Prospectively valuable for oil shale E.O. Withdrawal 5327; Mahogany zone of Green River Fm should lie at 1750 ft. deep and have 45 feet in thickness producing 25 gals. oil/ton or more

4. Additional Logs Needed:

adequate, but should be run through oil shale zone.

5. Potential Geologic Hazards:

none anticipated.

RECEIVED
SEP 02 1980
GEOLOGICAL SURVEY

6. References and Remarks:

Cashion, 1968 - 1976

Signature: Joseph Lucardello Date: 8-12-80

Greg

Mapco
15-10S-18E

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-013429-A Well No. RBU 11-15D

1. The location appears potentially valuable for:

   [ ] strip mining*

   [x] underground mining** oil shale

   [ ] has no known potential.

2. The proposed area is

   [ ] under a Federal lease for _____ under the jurisdiction of this office.

   [x] not under a Federal lease under the jurisdiction of this office.

   [x] 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 L Vance

MAPCO PRODUCTION COMPANY

June 1, 1981

State of Utah
Dept of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Debbie

Dear Debbie;

Upon your request, I have listed the wells and status of each:

Well Name	Location	Status
Fed 12-30B	Sec 30, T9S, R19E	Will Not Drill
RBU 7-36B	Sec 36, T9S, R19E	" " "
RBU 11X-36B	Sec 36, T9S, R19E	" " "
RBU 11-24B	Sec 24, T9S, R19E	" " "
RBU 5-12D	Sec 12, T10S, R18E	Plan to Drill
RBU 11-19C	Sec 19, T9S, R20E	" " "
RBU 11-30C	Sec 30, T9S, R20E	Will Not Drill
RBU 11-15D	Sec 15, T10S, R18E	" " "
RBU 11-15E	Sec 15, T10S, R19E	" " "
RBU 1-16E	Sec 16, T10S, R19E	" " "
RBU 9-16E	Sec 16, T10S, R19E	" " "
RBU 2-11D	Sec 11, T10S, R18E	Plan to Drill
RBU 11X-2F	Sec 2, T10S, R20E	Will Not Drill
RBU 8-31C	Sec 31, T9S, R20E	" " "
Fed 1-25A	Sec 25, T9S, R18E	" " "
Fed 3-25A	Sec 25, T9S, R18E	" " "
Fed 9-25A	Sec 25, T9S, R18E	" " "
Fed 11-25A	Sec 25, T9S, R18E	" " "
Fed 13-25A	Sec 25, T9S, R18E	" " "
Fed 15-25A	Sec 25, T9S, R18E	" " "
Fed 11-24A	Sec 24, T9S, R18E	" " "
Fed 13-24A	Sec 24, T9S, R18E	" " "
Fed 15-24A	Sec 24, T9S, R18E	" " "

ALPINE EXECUTIVE CENTER SUITE 202 - 1643 LEWIS AVENUE BILLINGS, MONTANA 59102 (406) 248-7406

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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, Ste 202, Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1367' FWL & 1955' FSL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-013429-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
River Bend

8. FARM OR LEASE NAME

9. WELL NO.
RBU 11-15D

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T10S, R18E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30755

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5160 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	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) change depth		

(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 Production Co. intends to extend the approved proposed TD of the RBU 11-15D from 6775' to 7150'.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/21/81
BY: CB Feight

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

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

SIGNED Richard Baumann TITLE Eng. Tech. DATE 7-15-81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

BEST COPY AVAILABLE

LA - P&A
in Drill to

11

Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

November 10, 1981

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

Re: Return Application for
Permit to Drill
Well No. 11-24B
Section 24, T. 9S, R. 19E.
Uintah County, Utah
Lease No. U-0148585

Well No. 11-15D
Section 15, T. 10S., R. 18E.
Uintah County, Utah
Lease No. U-013429-A

Gentlemen:

The Application for Permit to Drill the referenced wells were approved October 30, 1980. Since that date no known activity has transpired at the approved locations. Under current District policy, application's 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 applications without prejudice. If you intend to drill at these locations on 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 these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then be submitted. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD. W. P. MARTENS

for E. W. Guynn
District Oil and Gas Supervisor

bcc: DCM, CR, O&G, Denver
BLM-Vernal
State Office (O&G)
State Office (BLM)
USGS-Vernal
Well File
APD Control

If there is any more information I can give you please let me know.

Very truly yours,

MAPCO Production Company

Dick Baumann

Dick Baumann
Engineering Technician

REB/jlu