

75 3 UTAH DIVISION OF OIL, GAS AND MINING

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

DATE FILED 6-9-80

LAND: FEE & PATENTED STATE LEASE NO. ML-22541 PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 6-12-80

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: 12-12-80 Location Abandoned (Well Never Drilled)

FIELD: ~~Utah~~ 3/86 Undesignated

UNIT: River Bend

COUNTY: Uintah

WELL NO. River Bend Unit 11X-36B

API NO. _____

API NO: 43-047-30723

LOCATION 1629' FT. FROM (X) (S) LINE. 1603' FT. FROM (X) (W) LINE. NE SE $\frac{1}{4}$ - $\frac{1}{4}$ SEC. 36

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>9S</u>	<u>19E</u>	<u>36</u>	<u>MAPCO PRODUCTION COMPANY</u>				

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief _____
Copy NID 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 _____

6-15-92 for

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 MAPCO Production Company
 Alpine Executive Center

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1603' FWL & 1629' FSL, ~~NE SE~~ Sec. 36
 At proposed prod. zone Same **NE SW**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 miles SW of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1603'

16. NO. OF ACRES IN LEASE
 480

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 Same location as RBU 11-36B

19. PROPOSED DEPTH
 4050' Green River

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS. (Show whether DF, RT, GR, etc.)
 4858' Ungraded G.L.

22. APPROX. DATE WORK WILL START*
 10-5-80

5. LEASE DESIGNATION AND SERIAL NO.
 ML-22541

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 River Bend

8. FARM OR LEASE NAME

9. WELL NO.
 RBU 11X-36B

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 36, T9S, R19E

12. COUNTY OR PARISH
 Uintah

13. STATE
 UT

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#, H-40	400'	Cmt to surface
7-7/8"	5-1/2"	14#, K-55	4050'	Cmt to surface

1. Drill a 12-1/4" hole with an air rig to 400'. Run 8-5/8", H-40 casing and cement to surface.
2. NU and pressure test BOP stack prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 4050' with a fresh 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", 14#, K-55 casing. Casing program may be modified to provide added burst strength if needed for frac program.
6. Primary zone of interest is the Green River section.
7. All zones indicating potential for economically recoverable reserves will be tested in a normal, prudent manner.

SEE BACK FOR LOG TOPS

APPROVED BY THE DIVISION OF
 OIL, GAS, AND MINING
 DATE: 6-12-80

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

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

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
 JUN 9 1980

*See Instructions On Reverse Side

DIVISION OF
 OIL, 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.

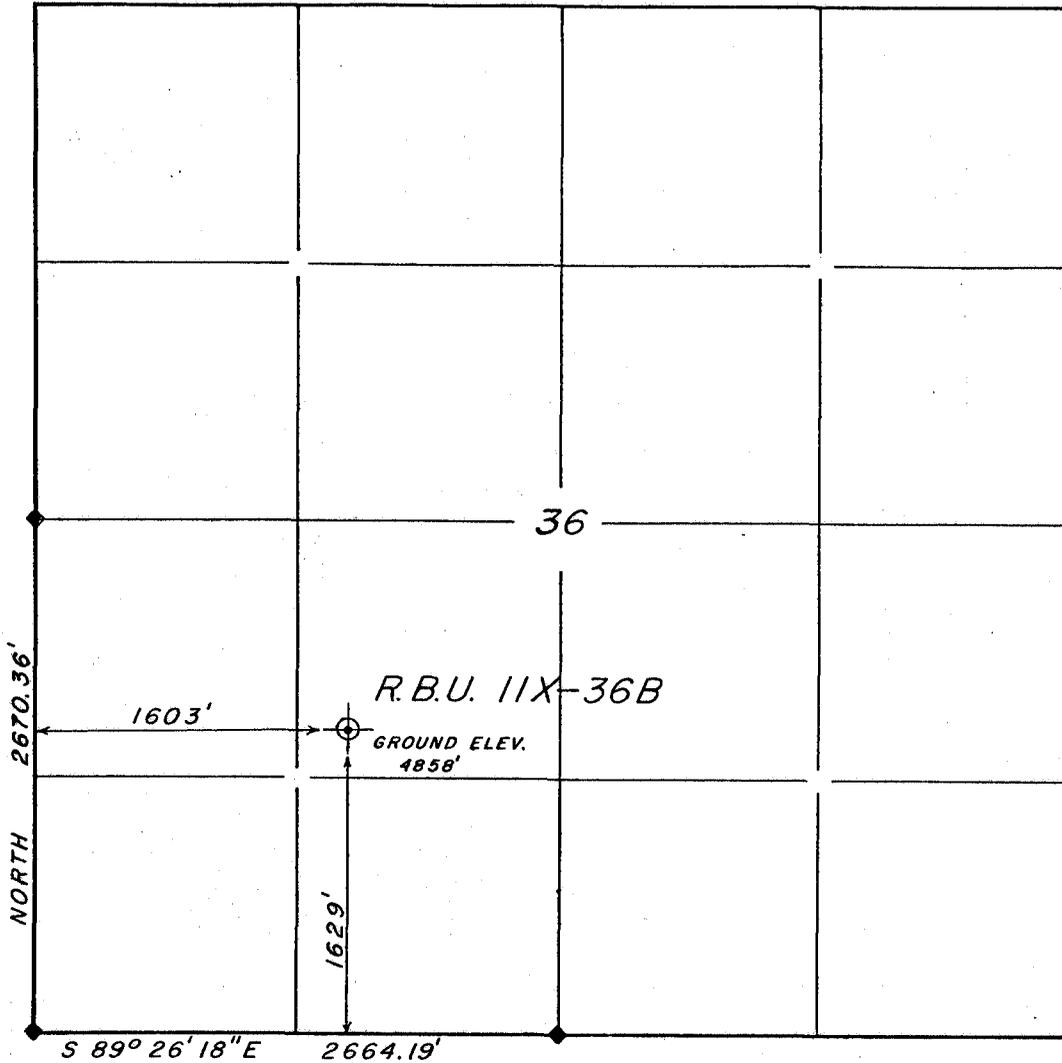
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

FORMATION LOG TOPS

Uintah	Surface
Green River	1585'
X Marker	2295'
H Zone	3770'
I Zone	3920'
T.D.	4050'

MAPCO, INC.
WELL LOCATION
R.B.U. IIX-36B

SECTION 36, T9S, R19E, S. L. B. & M.



SCALE: 1"=1000'

Exhibit A

LEGEND & NOTES

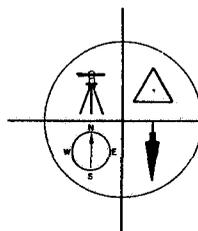
- ◆ FOUND BRASS CAP ON PIPE MONUMENTS USED FOR THIS SURVEY.
- THE GENERAL LAND OFFICE PLAT WAS USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

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

Jerry D. Allred

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



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 11X-36B

Well Location: 1603' FWL & 1629' FSL

Section 36, T9S, R19E

County: Uintah

State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uintah	Surface
Green River	1585'
X Marker	2295'
H Zone	3770'
I Zone	3920'
T.D.	4050'

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

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
X Marker	2295'	Oil zone
H Zone	3770'	Oil zone
I Zone	3920'	Oil 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#, H-40	400'	Cmt to surface
5-1/2"	14#, K-55	4050'	Cmt to surface

5. The Operator's Minimum Specifications for Pressure Control

See Figure #1, attached.

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

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

6. The Type and Characteristics of the Proposed Circulating Muds

Fresh water gel system. Use LCM as required to control loss circulation. Mud system to have proper rheological properties to maintain sufficient viscosity to clean hole, run logs and to land and cement casing.

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) SP-Dual Induction-Laterolog 8,
- 2) FDC-CNL-GR,
- 3) Sonic Log and F-log overlay.

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

9. Any Anticipated Abnormal Pressures or Temperatures Expected

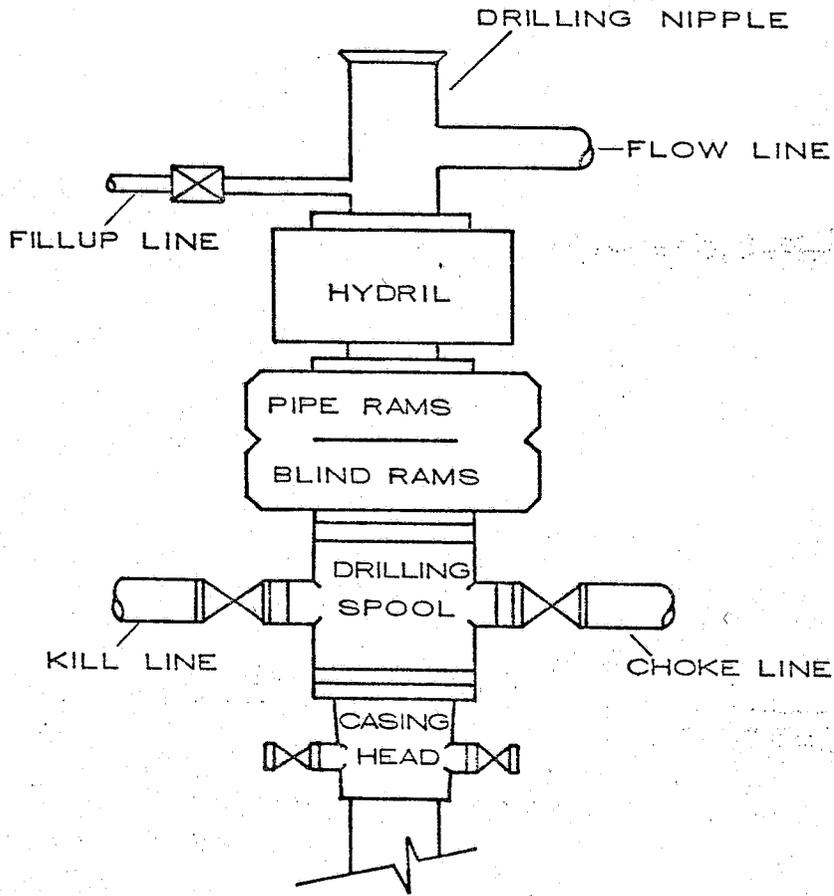
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.

10. The Anticipated Starting Date and Duration of the Operations

Starting Date: 10-5-80

Duration: 15 days

BOP STACK



CHOKER MANIFOLD

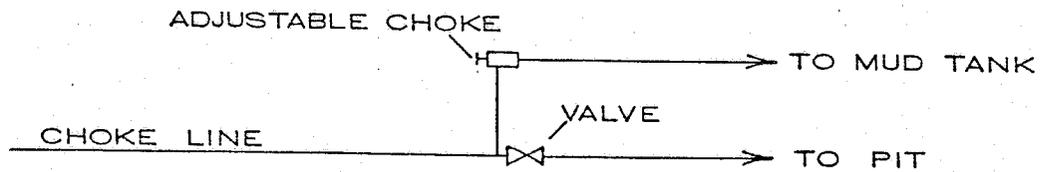


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY: MAPCO PRODUCTION COMPANY

WELL: RBU 11X-36B

WELL LOCATION: 1603' RWL & 1629' FSL

Section 36, T9S, R19E

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

2. Planned Access Roads

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

3. Location of Existing Wells

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

1. Water wells: None
2. Abandoned wells: None
3. Temporarily abandoned wells: None
4. Disposal wells: None
5. Drilling wells: None
6. Producing wells: None
7. Shut-in wells: One (RBU 11-36B)
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: Located at RBU 11-36B - treater.
3. Oil gathering lines: None
4. Gas gathering lines: None

5. Injection Lines: None

6. Disposal Lines: None

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

1. No flagging then will be needed.

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

5. Water Supply

Water source is shown on Exhibit D.

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

6. Source of Construction Materials

- A. No construction material, insofar as drilling, will be needed.
- B. No construction materials will be obtained from Federal or Indian land.
- C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.
- D. Access roads crossing federal lands are shown under 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 East side of the area as shown. The access road will be from the West. Soil stockpiles are also shown on Exhibit E.
4. The reserve pit will not be lined. Steel mud pits may be used, at least in part, during drilling operations.

10. Plans for Restoration

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

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

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

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

11. Other Information

1. Topography: The location is situated on the existing surface of the well site RBU 11-36B.

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

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

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

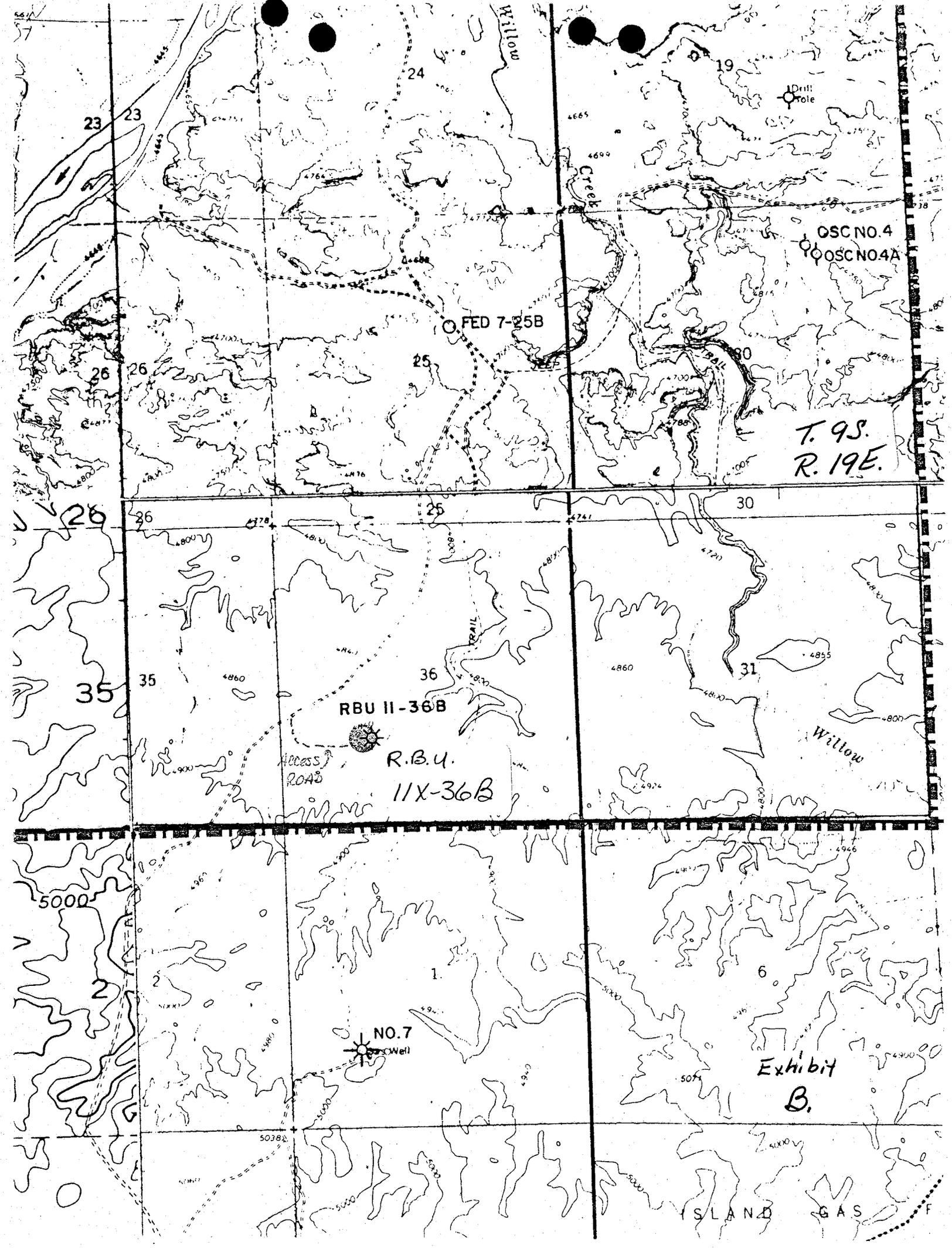
2. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

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

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

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



R.B.U. 11X-36B

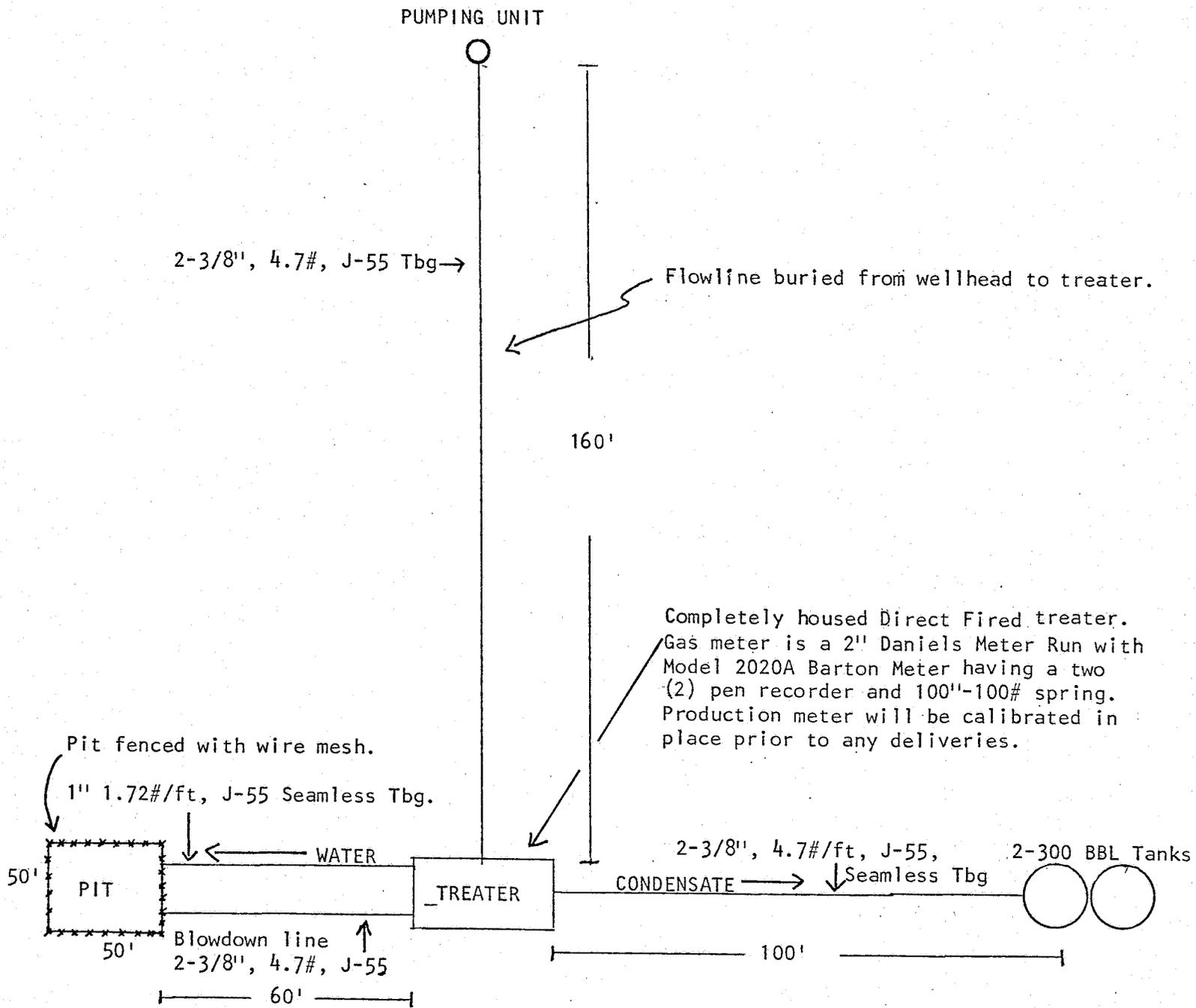
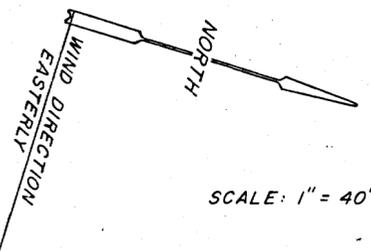
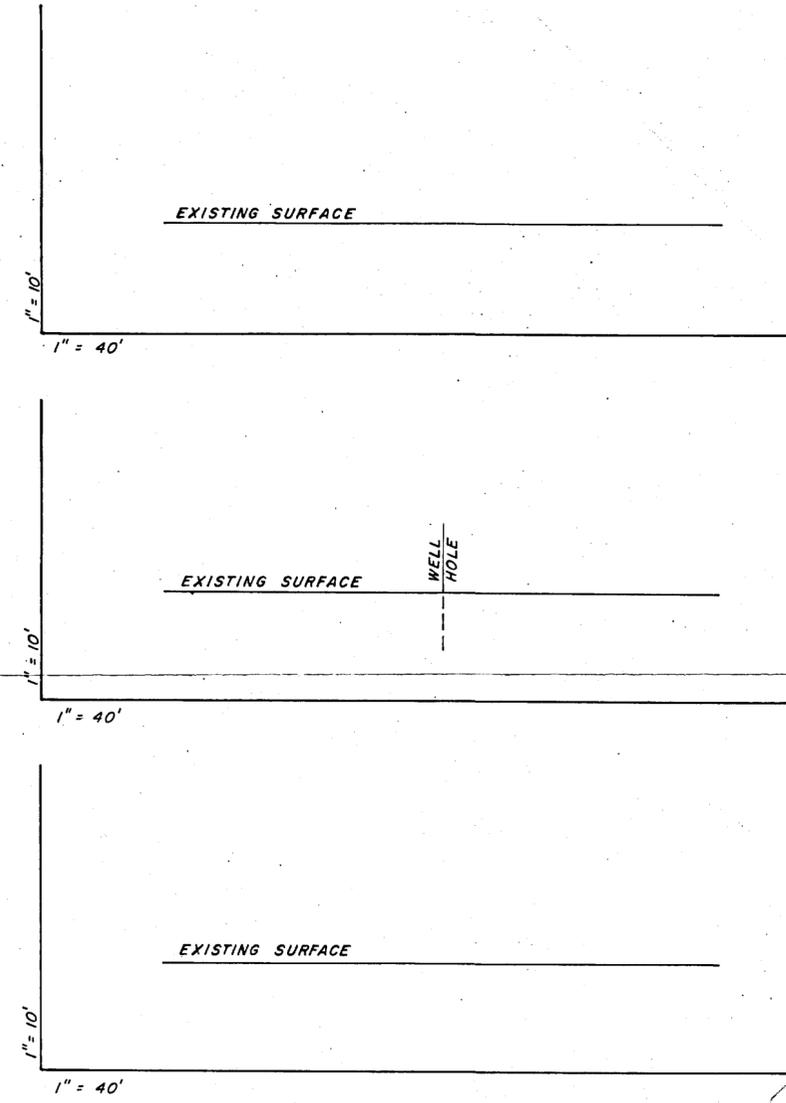
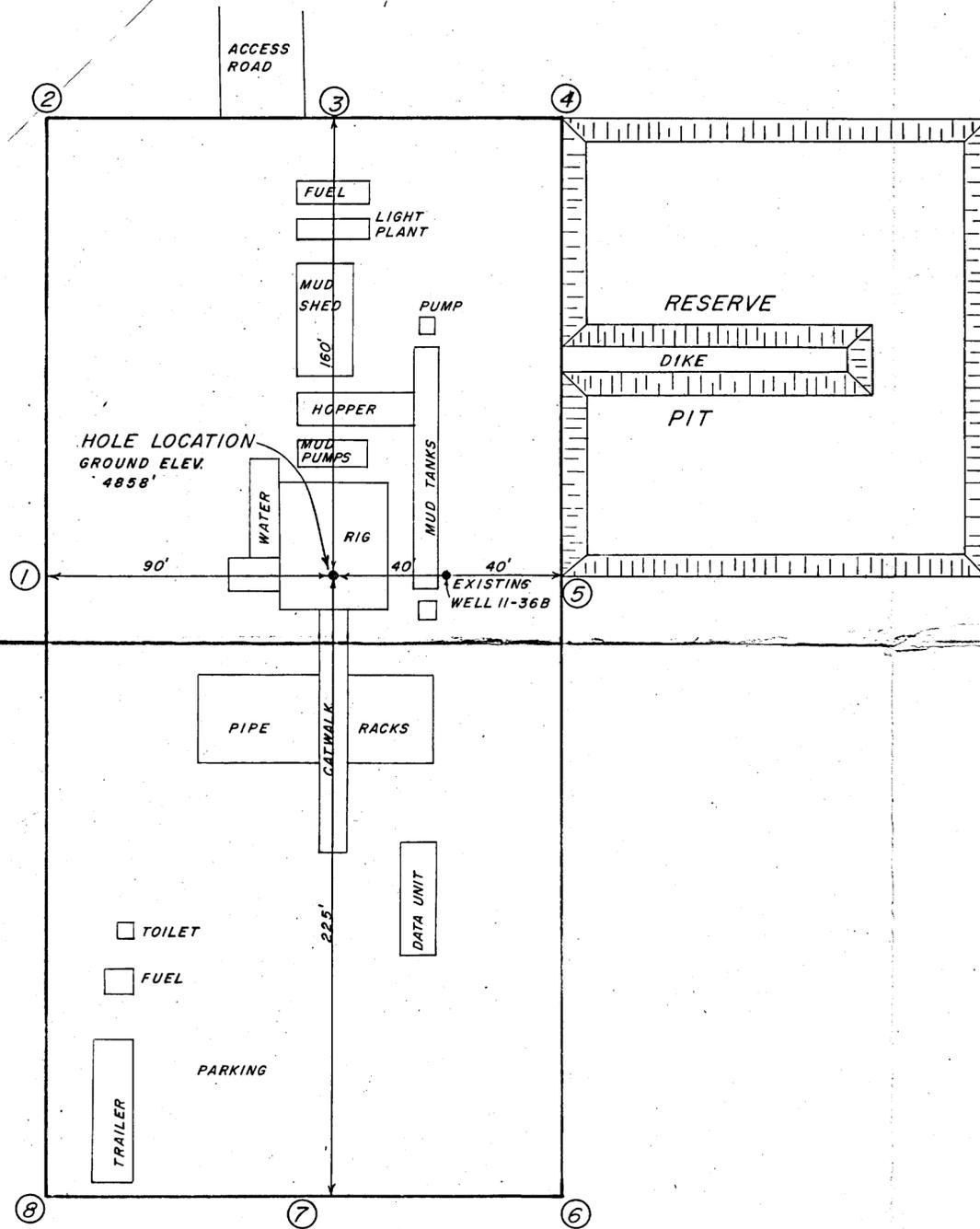


Exhibit
C.

MAPCO, INC.

RIVER BEND UNIT 11X-36B



SCALE: 1" = 40'

NOTES

EXISTING RESERVE PIT WILL BE UTILIZED OVERHEAD FLAGGING TO BE INSTALLED OVER PIT.

THIS LOCATION IS SITUATED ON THE EXISTING SURFACE OF R.B.U. 11X-36.

SEE SUBMITTALS ON R.B.U. 11X-36B

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

** FILE NOTATIONS **

DATE: June 9, 1980

OPERATOR: MAPCO Production Co. Alpine Executive Ctr.

WELL NO: RBU-11A-36B

Location: Sec. 36 T. 9S R. 19E County: Wintah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30723

CHECKED BY:

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

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation State-Unit Plotted on Map

Approval Letter Written

Hot Line

P.I.

Unit

June 12, 1980

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

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

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

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

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

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

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

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

Sincerely,
DIVISION OF OIL, GAS, MINING

Michael T. Minder
Petroleum Engineer

cc: USGS
Donald Prince

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-22541

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
MAPCO Production Company
Alpine Executive Center

8. FARM OR LEASE NAME

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

9. WELL NO.

RBU 11X-36B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface 1603' FWL & 1629' FSL, NE SE Sec. 36

10. FIELD AND POOL, OR WILDCAT

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

Sec. 36, T9S, R19E

14. PERMIT NO.

43-047-30723

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4858' G.L.

12. COUNTY OR PARISH

Uintah

18. STATE

Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

The RBU 11X-36B will not be drilled.

RECEIVED

DEC 15 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED

Richard Baumann
Richard Baumann

TITLE

Engineering Technician

DATE

12-12-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: