

UTAH DIVISION OF OIL, GAS AND MINING

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

DATE FILED 4-25-78

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-013766 INDIAN

DRILLING APPROVED: 4-25-78

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5088' 6L

DATE ABANDONED: 8-20-80 LOCATION ABANDONED WELL NEVER DRILLED

FIELD: River Bend 3/86 Natural Buttes

UNIT: River Bend

COUNTY: Uintah

WELL NO. River Bend Unit 15-17E

API NO: 43-047-30407

LOCATION 502' FT. FROM ~~XX~~ (S) LINE. 2183' FT. FROM (E) ~~XX~~ LINE. SW SE $\frac{1}{4}$ - $\frac{1}{4}$ SEC. 17

15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>10S</u>	<u>19E</u>	<u>17</u>	<u>MAPCO INC.</u>				

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

SW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

LWP
7-8-92

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 Inc.

3. ADDRESS OF OPERATOR
 Suite 320, Plaza West
 1537 Avenue D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface (1) 502' FSL, 2183' FEL
 At proposed prod. zone SW SE Section 17
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17 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)	457'	16. NO. OF ACRES IN LEASE	2240.00	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.	5280'	19. PROPOSED DEPTH	(5) 8430'	20. ROTARY OR CABLE TOOLS	(4) Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
(2) 5088' Ungraded GL				(14) 8-15-78 30 days	

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" - New	24	500'	Cement to surface
7-7/8"	5-1/2" - New	17	8430'	As required

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as Items No. (1), (2), (4), (5), (8), (9) and (14) are so noted above. The rest as follows:

(3) and (6): Uintah - Surface Chapita Wells - 5530'
 Green River - 1300' Uteland Bts. - 6730'
 Wasatch - 4800' Mesaverde - 7930'

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approximately 1300'-4800'±; no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4800'-7900'±, and the Mesaverde from 7900'± to a total depth of 8430'.

(10): Figure #1 (attached) -- Continued on back of page --

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 J. D. Holliman TITLE Manager of Operations Northern District DATE April 13, 1978

(This space for Federal or State office use)

PERMIT NO. 43-047-30407 APPROVAL DATE OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____ DATE: 4-25-78

CONDITIONS OF APPROVAL, IF ANY: BY: C. B. [Signature]

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.

- (11): 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 as necessary.
- (12): A mud logger will be used from 4000' to TD. No drill stem tests will be run. No coring will be done. The logging program will include Dual Induction and CNL-Density Logs.
- (13): As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.
- (15): Auxiliary equipment:
- (a) Kelly cock
 - (b) Full opening valve on floor with DP connection for use when Kelly is not in string
 - (c) Pit volume totalizer equipment will be used.

MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend Unit #15-17 E

Located In

Section 17, T10S, R19E, S.L.B. & M.

Uintah County, Utah

Mapco Incorporated
River Bend Unit #15-17 E
Section 17, T10S, R19E, S.L.B. & M.

1. EXISTING ROAD

To reach Mapco Incorporated, well location River Bend Unit #15-17 E, located in the SW 1/4 SE 1/4 Section 17, T10S, R19E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge road 9.2 miles along the Seep Ridge to its junction with an existing dirt service road to the South known as the Turkey Trail Road; proceed Southerly along this road 1.7 miles to the point that it intersects an existing dirt service road to the South, known as Willow Creek road; proceed in a Southerly direction along this road 1.3 miles to the point that it intersects an existing dirt service road to the West, known as the Hill Creek road; proceed Westerly, across Black Bridge, along this road 0.5 miles to the point that it intersects an existing dirt service road to the North; proceed Northerly along this service road 2.8 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Southwesterly along the same service road 3 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Northwesterly along this service road 3.3 miles to the point that it intersects an existing dirt service road to the East; proceed along the same road to the Northwest 2.3 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road in a Northeasterly direction.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surface with native asphalt for \pm 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the NW 1/4 Section 20, T10S, R19E, S.L.B. & M. and proceeds in a Northeasterly direction 800' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the center-line) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

PLANNED ACCESS ROAD - continued

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbit-brush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 17, T10S, R19E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other Mapco Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

Mapco Incorporated
River Bend Unit #15-17 E
Section 17, T10S, R19E, S.L.B. & M.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Green River, at a point located in the SE 1/4 of Section 18, T10S, R19E, S.L.B. & M. approximately 1 road mile to the West from this proposed location.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc. will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin formed between the Book Cliff Mountains to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits. The Green River is located approximately 1 mile to the West of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being Willow Creek to the Northeast and the Green River to the West, of which the numerous washes, draws and non-perennial streams flow to the West and are tributaries to the Green River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist 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).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth. In the areas away from and in the vicinity of non-perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominately 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.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

River Bend Unit #15-17 E location site sits on a relatively flat area. The geologic structure is of the Uinta formation and consists of light-brownish-gray sandy clay (SP-CL)

Mapco Incorporated
River Bend Unit #15-17 E
Section 17, T10S, R19E, S.L.B. & M.

OTHER INFORMATION - continued

with some sandstone outcrops.

The ground slopes from the Southeast through the location to the Northwest at approximately a 3% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

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

TELE: 1-801-722-4521

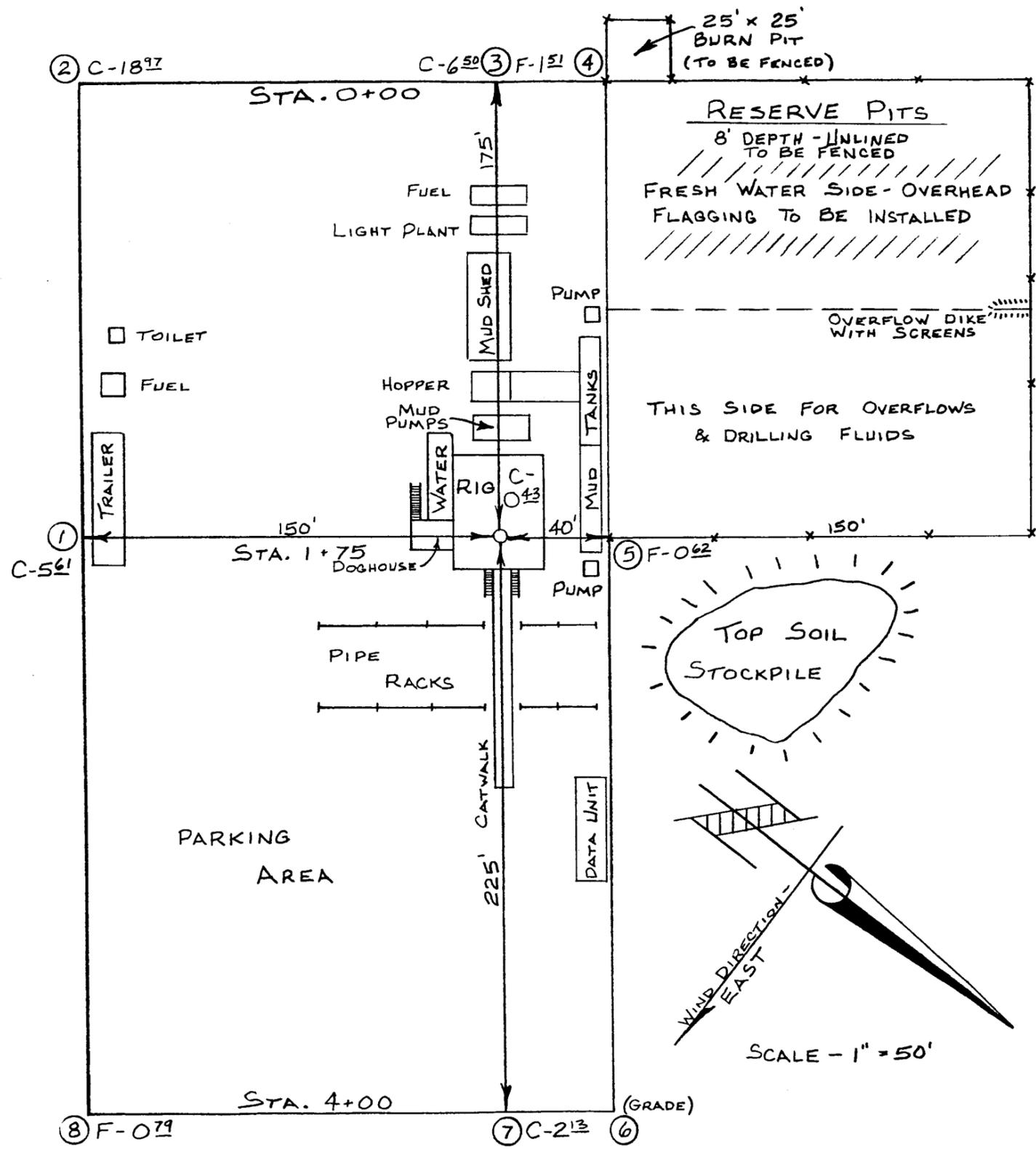
13. CERTIFICATION

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

April 17, 1978
Date

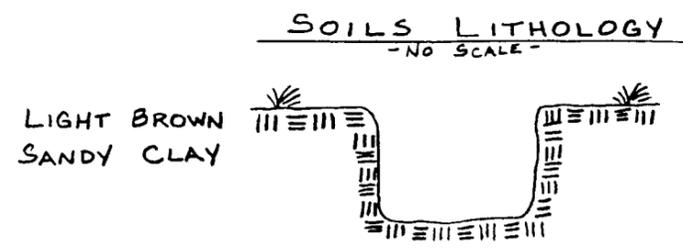
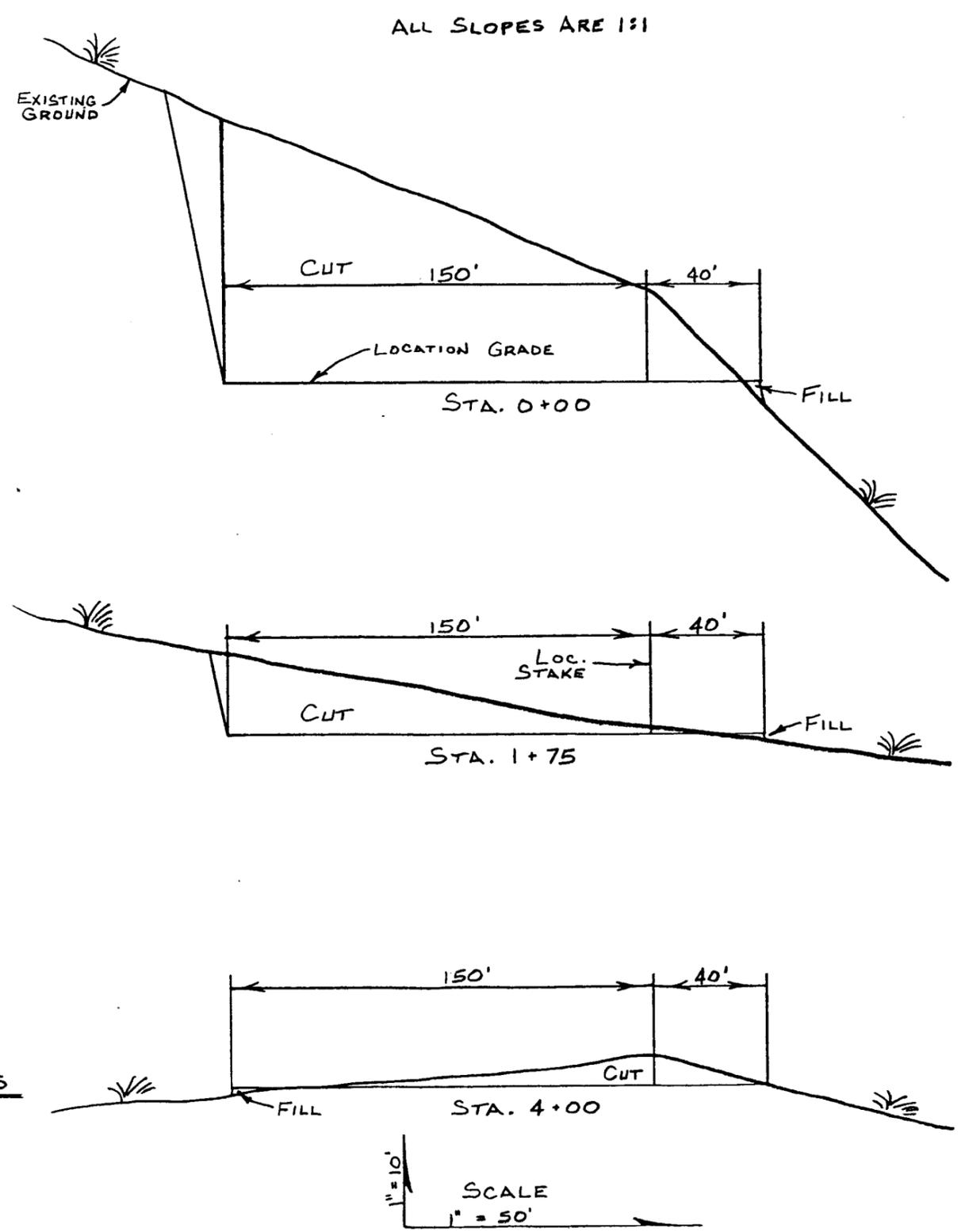
/s/ Darwin Kulland
Darwin Kulland
Drilling and Production Superintendent

MAPCO INC.
RIVER BEND UNIT #15-17 E
CUT SHEET



C
R
O
S
S

S
E
C
T
I
O
N
S



APPROX. YARDAGES

CUT	- 11,349	Cu. Yds.
FILL	- 147	Cu. Yds.

MAPCO INC.

PROPOSED LOCATION
RIVER BEND UNIT #15-17 E

TOPO. MAP "B"

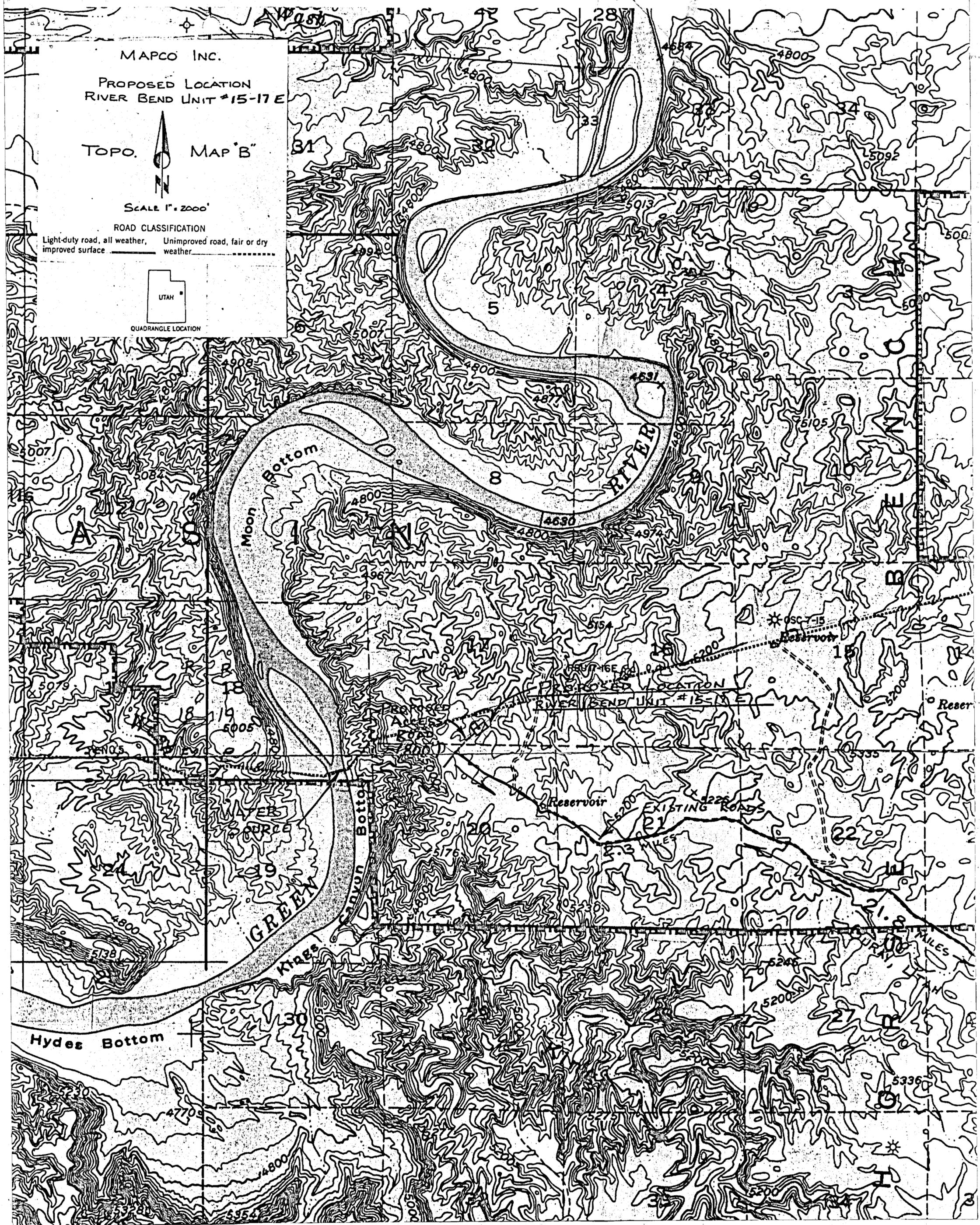
SCALE 1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather



QUADRANGLE LOCATION



Moon Bottom

GREEN

RIVER

PROPOSED LOCATION
RIVER BEND UNIT #15-17 E

EXISTING ROADS

Reservoir

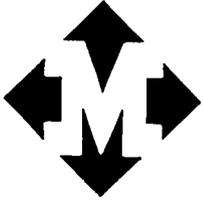
OSC 7-15
Reservoir

Reser

Hydes Bottom

MILES

5336



mapco
INC.

PRODUCTION DIVISION - NORTHERN DISTRICT

April 20, 1978



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

Attention: Cleon Feight

Re: Application for Permit to Drill
River Bend #14-08-0001-16305

Gentlemen:

Enclosed for your information is a copy of the Application for Permit to Drill and attachments for each of the following wells:

RBU No. 11-21E
RBU No. 5-12D
RBU No. 11-16F
RBU No. 11-23E
RBU No. 11-14E

RBU No. 5-11D
RBU No. 11-10E
~~RBU No. 15-17E~~
RBU No. 7-25B
RBU No. 11-19F

Very truly yours,

MAPCO Inc.


James J. Benner
Reservoir and Production Engineer

JJB/jv

Enclosures

15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
River Bend
#14-08-0001-16305

8. FARM OR LEASE NAME

9. WELL NO.
RBU 15-17E

10. FIELD AND POOL, OR WILDCAT
River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 17,
T. 10 S., R. 19 E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
MAPCO Inc.

3. ADDRESS OF OPERATOR
Suite 320, Plaza West
1537 Avenue D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface (1) 502' FSL, 2183' FEL
At proposed prod. zone SW SE Section 17
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
17 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) 457'

16. NO. OF ACRES IN LEASE
2240.00

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. 5280'

19. PROPOSED DEPTH
(5) 8430'

20. ROTARY OR CABLE TOOLS
(4) Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
(2) 5088' Ungraded GL

22. APPROX. DATE WORK WILL START*
(14) 8-15-78 30 days

23. PROPOSED CASING AND CEMENTING PROGRAM

(8) and (9)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" - New	24	500'	Cement to surface
7-7/8"	5-1/2" - New	17	8430'	As required

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as Items No. (1), (2), (4), (5), (8), (9) and (14) are so noted above. The rest as follows:

- (3) and (6): Uintah - Surface Chapita Wells - 5530'
- Green River - 1300' Uteland Bts. - 6730'
- Wasatch - 4800' Mesaverde - 7930'

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approximately 1300'-4800'±; no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4800'-7900'±, and the Mesaverde from 7900'± to a total depth of 8430'.

NOTICE OF APPROVAL

(10): Figure #1 (attached) -- Continued on back of page --

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 J. D. Holliman TITLE Manager of Operations Northern District DATE April 13, 1978
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY (Orig. Sgd.) E. W. Guynn TITLE DISTRICT ENGINEER DATE MAY 12 1978
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

NECESSARY FLUORINE OF OILS DURING DRILLING AND CEMENTING APPROVED SUBJECT TO REGULATIONS (NTL-4)

Oil, Gas & Mining, Utah

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.

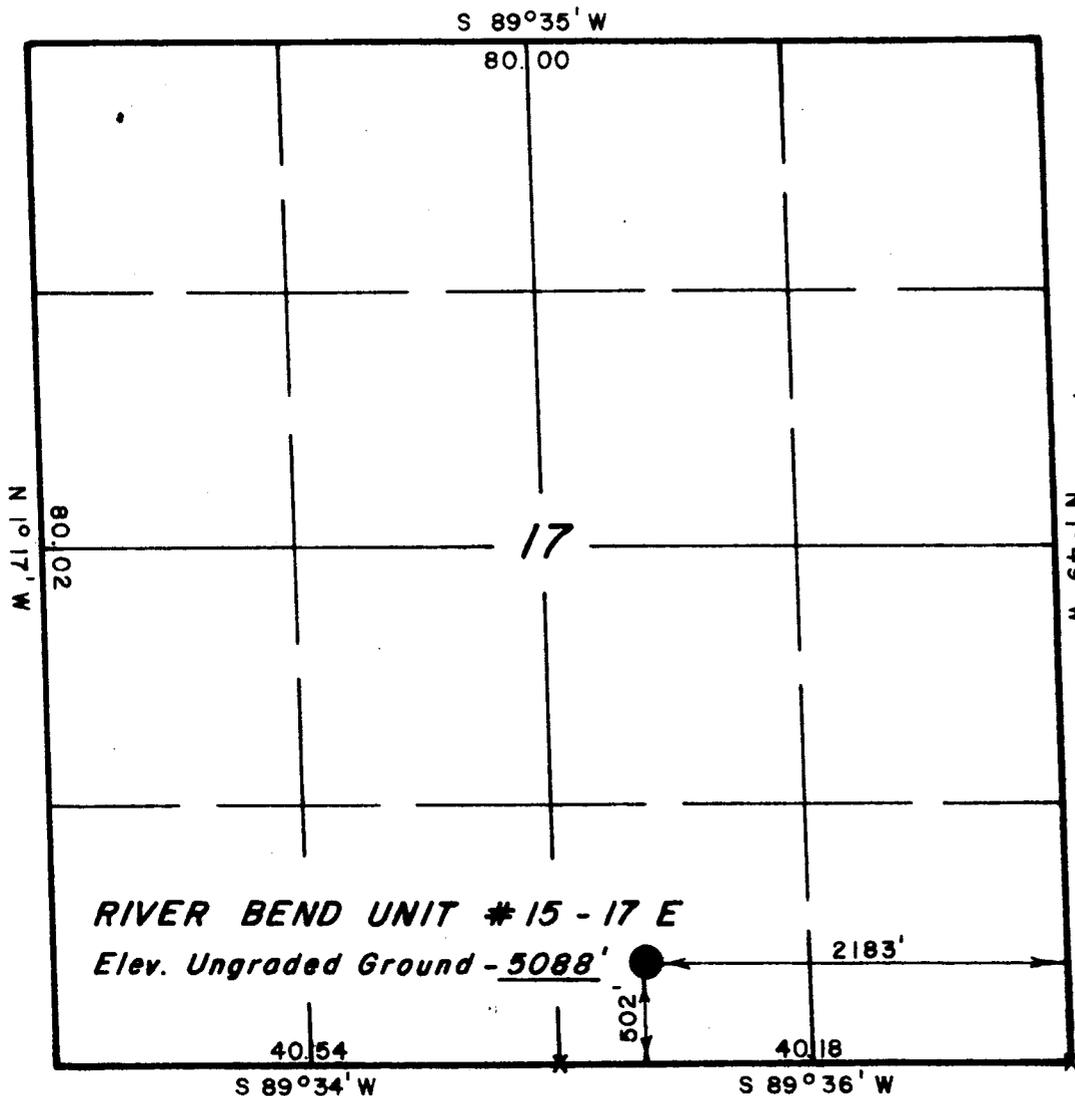
- (11): The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control as necessary.
- (12): A mud logger will be used from 4000' to TD. No drill stem tests will be run. No coring will be done. The logging program will include Dual Induction and CNL-Density Logs.
- (13): As noted in #(1), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.
- (15): Auxiliary equipment:
- (a) Kelly cock
 - (b) Full opening valve on floor with DP Connection for use when Kelly is not in string
 - (c) Pit volume totalizer equipment will be used.

PROJECT

MAPCO INC.

T 10 S, R 19 E, S.L.B. & M.

Well location, **RIVER BEND UNIT #15-17 E**, located as shown in the SW 1/4 SE 1/4 Section 17, T 10 S, R 19 E, S.L.B. & M. Uintah County, Utah.



RIVER BEND UNIT #15 - 17 E

Elev. Ungraded Ground - 5088'

X = Section Corners Located



CERTIFICATE

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

Dore Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	4/4/78
PARTY	MS KH	DJ	REFERENCES GLO Plat
WEATHER	Fair	FILE	MAPCO INC.

MAPCO INC.

PROPOSED LOCATION
RIVER BEND UNIT #15-17 E

TOPO. MAP "A"

SCALE - 1" = 4 MI.



U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
MAPCO INC. #RBU 15-17E	502' FSL & 3183' FEL (SW 1/4 SE 1/4) SEC 17, T. 10 S., R. 19 E. S. 14 JUNTAH COUNTY, UTAH G. E. L. 5088'	U-013766

1. **Stratigraphy and Potential Oil and Gas Horizons.** The surface rocks are Miocene (Tertiary) and the Wasatch Formation and Mesaverde will be tested for gas. Estimated tops by the operator appear reasonable.
2. **Fresh Water Sands.** Operator does not expect to encounter water but fresh/usable water could occur in the Miocene and Green River Formations to a depth of 3000 ± ft.
3. **Other Mineral Bearing Formations.** (Coal, Oil Shale, Potash, Etc.) Within oil shale withdrawal E. O. 5327. The richest oil shale beds occur in the Mahogany zone of the Parachute Creek member of the Green River Formation. From Cashion's map the Mahogany zone is estimated to occur at a depth of 1850 ± ft.
4. **Possible Lost Circulation Zones.** Unknown. Well site is probably underlain by 300-400' oil shale sequence that would yield 15 gallons of oil per ton, 50 feet of beds that will yield 25 gallons per ton. Protect oil shale beds from 1,800' - 2300' ±.
5. **Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.** Protect any fresh/usable aquifers penetrated.
6. **Possible Abnormal Pressure Zones and Temperature Gradients.** None anticipated by operator. The formations to be penetrated should not contain H₂S gas.
7. **Competency of Beds at Proposed Casing Setting Points.** Probably adequate.
8. **Additional Logs or Samples Needed.** Sonic, density, gamma ray and neutron logs through oil shale interval.
9. **References and Remarks.** Find and protect Mahogany zone. Just outside of KGS.

Date: 5/5/78 Signed: R.E.G.

MAPCO, INC.
River Bend Unit
Well #15-17E
SWSE
Sec. 17-10S-19E
Lease U-013766

Additional Stipulations:

1. It was agreed upon by all parties present at the onsite that the applied for pad size will be of adequate size to accommodate all drilling needs and fracturing operations, as specified in the surface use and operating plan.
2. There will be no burying of garbage and trash at the well locations. Trash and garbage must be contained and hauled to an approved disposal site.
3. The existing roads shall be upgraded to meet the standards of the anticipated traffic flow, and all weather road requirements. Upgrading shall include but not be limited to ditching, graveling, crowning, and capping the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud or large holes develop, they shall be gravelled in, and access not made around them. Road drainage crossings shall be of the dry creek drainage crossing type, crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed, or the road drainage crossing shall have proper culvert installation.
4. In the event production is established, the planned access roads shall meet the standards of the existing roads as described in item 3 above.
5. The maximum width of the access roads (both existing and planned) will be 24 feet total disturbed area except for those segments of the roads where backslopes and fills will require additional disturbance.
6. Construction of turnouts will not be required. Traveling off the approved R/W will not be allowed.
7. After drilling operations have been completed, all disturbed areas not required in production operations and the barrow ditches and the shoulders of the access roads may be seeded. Prior to seeding, this office shall be contacted for seeding recommendations and whether or not seeding will be required. If seeding is required, disturbed areas shall be scarified to prepare the soil for seed.
8. A pre-construction conference with BLM shall be arranged at least 24 hours prior to any construction to achieve a clear understanding of the requirements.

MAPCO, Inc.
River Bend Unit
Well #RBU 15-17E

Page 2

9. Location falls in Oil Shale Withdrawal E.OL 5327. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany zone of the Parachute Creek member of the Green River Formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. Additional logs and samples needed will be sonic and gamma ray logs from 1700' to 2400'.
10. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes, but is not limited to, such items as road construction and maintenance, handling of top soil, and rehabilitation.

Oil and Gas Drilling

EIA No. 1030

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-013766

Operator Mapco

Well No. RBU 15-17E

Location 502' FSL & 2183' FEL SWSE Sec. 17 T. 10S R. 19F

County Uintah State Utah Field River Bend

Status: Surface Ownership Public Minerals Public

Joint Field Inspection Date May 2, 1978

Participants and Organizations :

<u>Howard Lemm</u>	<u>USGS</u>
<u>Steve Ellis</u>	<u>BLM</u>
<u>Steve Hale</u>	<u>Mapco</u>
<u>Gene Stewart</u>	<u>Uintah Eng.</u>
<u> </u>	<u> </u>

Related Environmental Analyses and References:

(1)

(2)

Analysis Prepared by:

Howard Lemm
Petroleum Engineer
Billings, Montana

Date May 9, 1978

NOTED JOHN T. EVANS, JR.

Proposed Action:

On April 19, 1978, Mapco Inc. filed an Application for Permit to Drill the No. RBU 15-17E development well, an 8430 foot gas test of the Mesaverde formation; located at an elevation of 5088 feet in the SWSE Sec. 17 10S 19E on Federal mineral lands and BLM surface; lease No. U-013766. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the US.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The drilling operation would begin within 120 days upon approval of the A.P.D. and would be expected to last 30 days to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the BLM, controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

Location and Natural Setting:

The proposed drillsite is approximately 17 miles southwest of Ouray, Utah, the nearest town. There are no dwellings in the immediate area. A fair road runs to within 800 feet of the location. This well is in the River Bend field.

The overall topography consists of numerous canyons and ridges. The location is on a relatively flat area. The surface geology is the Uintah formation. The soil is primarily clay and sand. No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. No mining of any sort is anticipated in the area. The land is used primarily for grazing. The climate is arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis. Annual precipitation is 9-11 inches. Winds are strong and steady, occurring predominately from west to east. Air mass inversions are rare.

The area eventually drains into the Green River. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan.

Vegetation consists of sagebrush, rabbitbrush, native grasses, and cacti. Mammalian wildlife in the area include antelope, deer, coyote, rabbit, prairie dog, small gophers, and mice. There are numerous prairie and mountain birds in the general area, including the following: Sage hen, birds of prey such as owls, and various types of hawks and falcons. Snakes and small lizards are also present on a seasonal basis. There are no known endangered or threatened plant species in the area.

The inspecting archaeologist, Steve Hayes, of AERC, Salt Lake City, found no sites that would conflict with the proposed operation. There are no known historical, cultural or archaeological sites in the area. There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Hill Creek Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Effects on the Environment by the Proposed Action:

The wellpad would disturb approximately 2½ acres. The access road would run approximately 800 ft. An estimated 18 ft. cut and 2 ft. fill would be necessary to level the pad area. The vegetation would be removed and minor relocation of wildlife in the immediate area, particularly small rodents, would be anticipated. If the test well results in a discovery of a gas pool, additional facilities would be needed requiring no additional surface acres. Construction of flow-lines would disturb long, narrow strips of the surface for a short period of time.

The mud and reserve pits would contain all fluids used during the drilling operations. The potential for gas leaks and related accidents would be present. Should a gas leak occur, the effect on the atmosphere would be extremely short-lived. If the well should be productive, precautions would be taken against such accidents. Toxic or noxious gases would not be anticipated.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval under NTL-2B.

Waterways would not be affected directly due to their distance from the site.

Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

A trash pit would be utilized for any solid wastes generated at the site and would be buried after the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The site is not visible from any major roads. Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The anticipated traffic would have a minimal impact on traffic and vehicular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting, the only other human conflicts that would arise in normal usage of the area would be the oil and gas operations. These would be minor, with planned precautions to limit such conflict.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action:

1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and sub-surface would be prevented as much as possible under U.S.G.S. and BLM supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected.

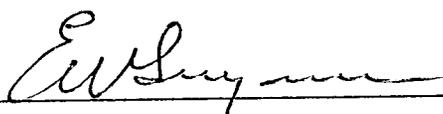
Adverse Environmental Effects which cannot be Avoided:

Surface scars resulting from construction work, wellpad and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing purposes during the project's life time. Minor relocation of wildlife, notably small rodents, in the immediate area would be anticipated. Any improvement of existing roads would be a semi-permanent effect as traffic would

continue to utilize the access road. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards, though low, would be present. Noise levels would increase during construction and drilling. The potential for gas leaks and related accidents would be present. If hydrocarbons are discovered and produced, further oil and gas development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

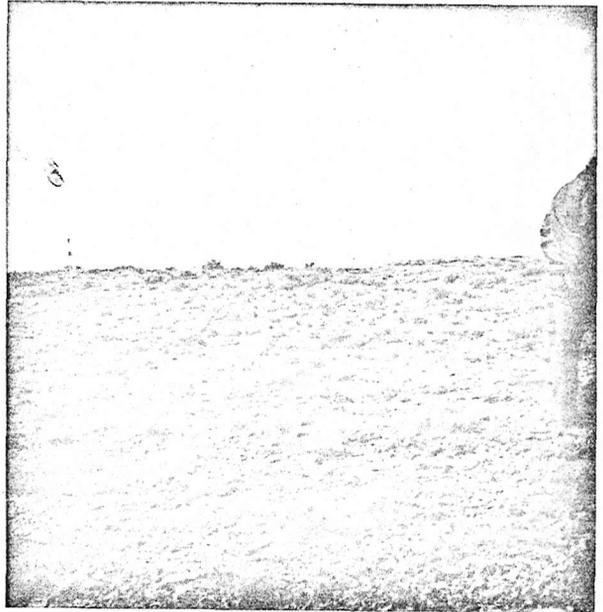
Determination:

This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

District Engineer: 

Salt Lake City, Utah

5



15-17E
SWSE Sec. 17 10S 19E
U-013766 Mapco

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SW
SE
Mesquite

** FILE NOTATIONS **

Date: April 25
Operator: Mapes Inc.
Well No: River Bend Unit 15-17E
Location: Sec. 17 T. 10S R. 19E County: Uintah

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API NUMBER: 13-041-30907

CHECKED BY:

Administrative Assistant [Signature]

Remarks: Ok - Unit well

Petroleum Engineer [Signature]

Remarks: 20h

Director _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. _____ Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In River Bend Unit

Other:

Letter Written/Approved

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

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

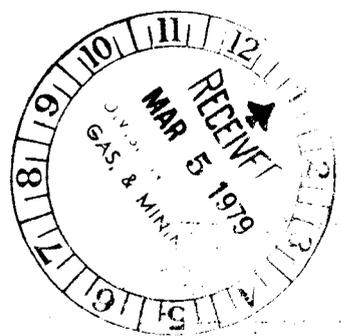
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR Suite 320, Plaza West 1537 Ave. D, Billings, MT 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 502' FSL 2183' FEL SW SE Section 17</p> <p>14. PERMIT NO. 43-047-30407</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-013766</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME River Bend Unit</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. RBU 15-17E</p> <p>10. FIELD AND POOL, OR WILDCAT River Bend</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T. 10 S., R. 19 E.</p> <p>12. COUNTY OR PARISH 13. STATE Uintah Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5088' Ungraded G.L.</p>	

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

<p align="center">NOTICE OF INTENTION TO:</p> <table border="0" style="width:100%;"> <tr> <td style="width:50%;"> <p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) Lay Flowline</p> </td> <td style="width:50%;"> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p align="center">X</p> </td> </tr> </table>	<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) Lay Flowline</p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p align="center">X</p>	<p align="center">SUBSEQUENT REPORT OF:</p> <table border="0" style="width:100%;"> <tr> <td style="width:50%;"> <p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) _____</p> </td> <td style="width:50%;"> <p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p> </td> </tr> </table> <p align="center"><small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) _____</p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) Lay Flowline</p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p align="center">X</p>				
<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) _____</p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>				

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.)*

Lay flowline as shown in red on Attachment #1. For details of flowline please see attached cover letter to E. W. Gynn dated March 2, 1979. The relationship of the wellhead with respect to the surface installations is shown on Attachment 2A.



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

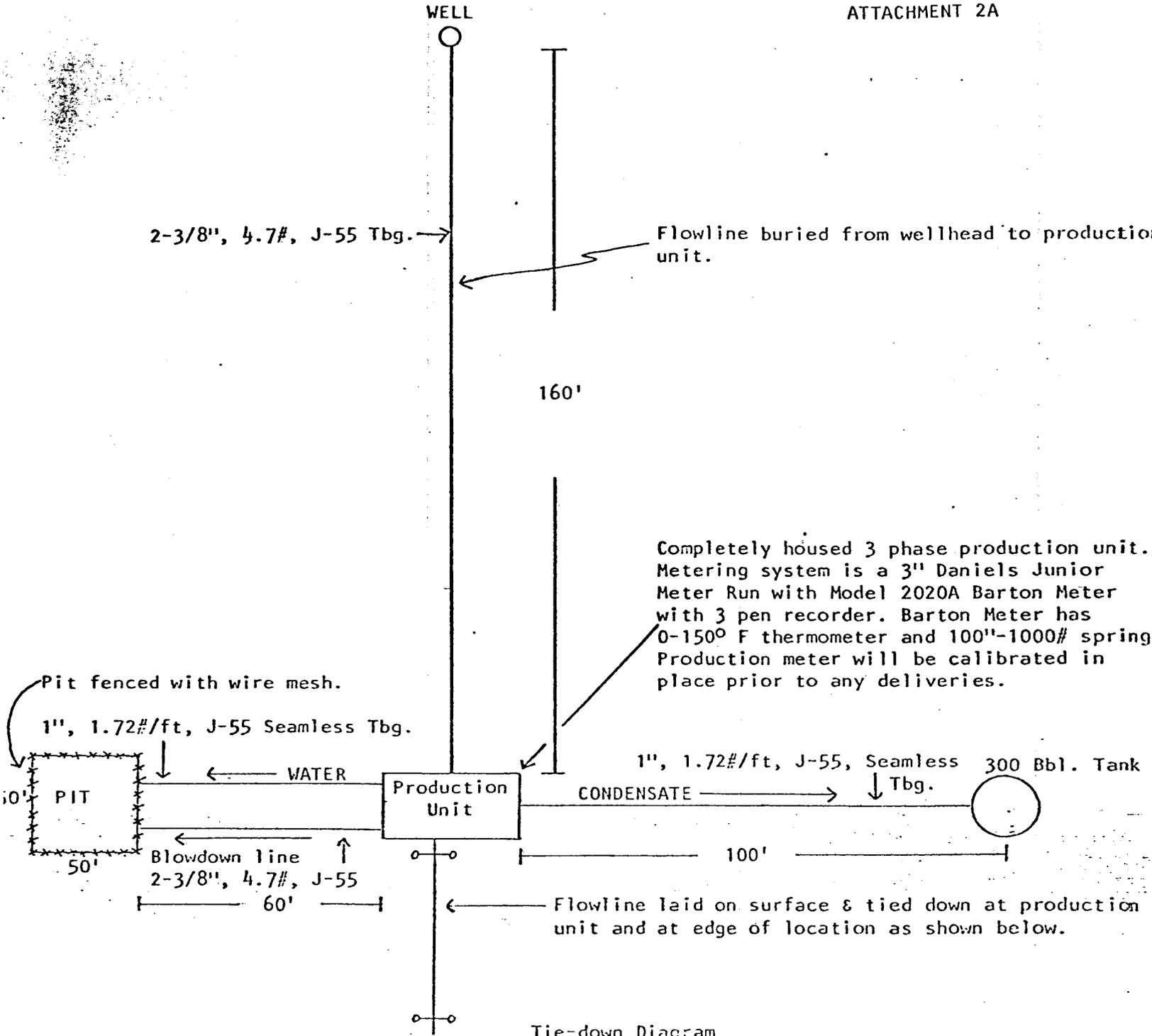
SIGNED James J. Blaine TITLE Production and Reservoir Engineer DATE March 2, 1979

(This space for Federal or State office use)

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

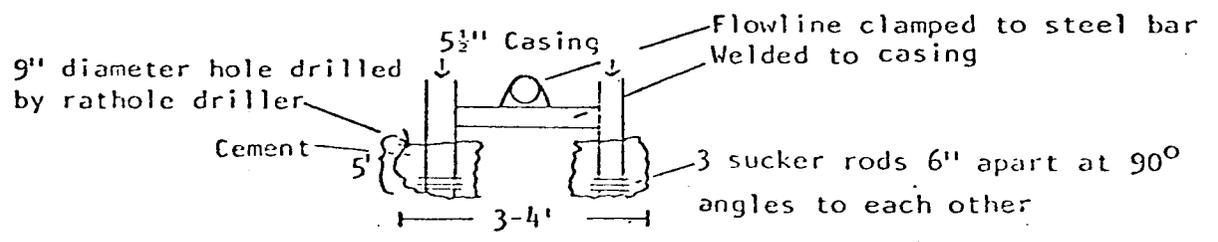
*See Instructions on Reverse Side

ATTACHMENT 2A



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

Tie-down Diagram



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-013766
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
7. UNIT AGREEMENT NAME River Bend Unit		
8. FARM OR LEASE NAME		
9. WELL NO. RBU 15-17E		
10. FIELD AND POOL, OR WILDCAT River Bend		
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T. 10 S., R. 19 E.		
12. COUNTY OR PARISH	13. STATE	
Uintah	Utah	
14. PERMIT NO. 43-047-30407	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5088' Ungraded G.L.	

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

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

CHANGE OF CASING PROGRAM:

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
(1) 17-1/2"	13-3/8" NEW	48	120'	Cement to Surface
(2) 12-1/4"	8-5/8" NEW	24	3250'	Cement to Surface
(3) 7-7/8"	5-1/2" NEW	17	8500'	As required

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 3-19-79
BY: M. J. Kinder

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

SIGNED James J. Benna TITLE Petroleum Engineer DATE March 14, 1979

(This space for Federal or State office use)

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



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

December 28, 1979

Mapco Inc.
Suite #320 Plaza West
1537 Ave. D
Billings, Montana 59102

RE: Well No. River Bend Unit # 15-17E
Sec. 17, T. 10S, R. 19E,
Uintah County, Utah
Months Due: April 1979 thru Nov. 1979

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated on the above subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

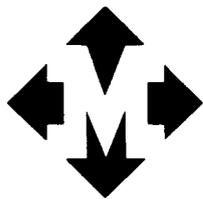
However, if this well has been completed please complete the well completion forms I have enclosed also.

Your prompt attention to the above will be greatly appreciated.

Yours truly,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD
CLERK-TYPIST



MAPCO PRODUCTION COMPANY

a subsidiary of mapco inc.

January 8, 1980

NORTHERN REGION

RECEIVED

JAN 10 1980

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

DIVISION OF
OIL, GAS & MINING

Re: Well No. River Bend Unit #11-16F
River Bend Unit #15-17E
River Bend Unit # 5-12D

Gentlemen:

In answer to your letters of December 28, 1979, regarding the subject wells;

Copies of the Operation and Well Status Reports for the 11-16F are attached. These reports are mailed to your office each month and must have been lost, the November report has not been attached as the well went on production in that month and will be mailed in accordance with Rule C-22 (2).

Referring to
Prod. reports,
NOT DRILLING
REPORTS

RBU 15-17E has not been spudded for drilling.

RBU 5-12D has not been spudded for drilling.

If we can be of further assistance, please advise.

Very truly yours,

MAPCO Production Company

Richard Baumann

Richard Baumann
Engineering Technician

Enclosure

JV

SUITE 320 PLAZA WEST 1537 AVENUE D BILLINGS, MONTANA 59102 A/C 406 248-7406

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

August 20, 1980

Mapco Inc.
Suite 202
1643 Lewis Ave.
Billings, Montana 59102

Re: Returned Application for
Permit to Drill
Well #RBU-15-17E.
Section 17, T. 10S., R. 19E.
Uintah County, UT
Lease #U-013766
Application Approved May 12, 1978

Gentlemen

An Application for Permit to Drill the referenced well was approved. Since that date no known activity has transpired at the approved location. 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 application without prejudice. If you intend to drill at this location 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 this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must, then, be submitted. Your cooperation in this matter is appreciated.

Sincerely

(Orig. Sgd.) E. W. GUYNN

E.W. Guynn
District Engineer

bcc: O&GS NRMA Casper
SMA
State Office (O&G) ✓
State Office (BLM)
USGS-Vernal
Well File
APD Control

RAH/cva

CNG
RIVER BEND UNIT #15-21



