

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

**\*WELL NEVER DRILLED**

*Location abandoned - 10-14-75*

DATE FILED 10-7-75

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-10987 INDIAN \_\_\_\_\_

DRILLING APPROVED: 10-8-75

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 10-14-75 *land*

FIELD: ~~WILDCAT~~ ~~XXXX~~ ~~XXXX~~ Natural Buttes 3/96

UNIT: \_\_\_\_\_

COUNTY: Uintah

WELL NO. Federal 8-31 APT. NO: 43-047-30222

LOCATION 644<sup>1</sup> FT. FROM (N) ~~EX~~ LINE, 776<sup>1</sup> FT. FROM (E) ~~XX~~ LINE. NE NE 1/4-1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
9S	20E	31	MAPCO INC.				

Location abandoned - Request to drill  
Cancelled - 10-14-75

FIELD NOTATIONS

Entered in MID File .....  
Location Map Pinned .....  
Map Indexed .....  
Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

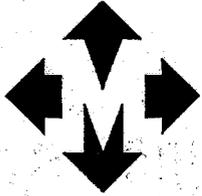
COMPLETION DATA:

Date Well Completed .....  
Location Inspected .....  
Bond released .....  
State or Fee Land .....  
W. ✓ WW..... TA.....  
W. ✓ OS..... PA.....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) *NLR - did not drill*  
..... I..... Dual I Lat..... GR-N..... Micro.....  
4C Sonic GR..... Lat..... MI-L..... Sonic.....  
CLog..... CLog..... Others.....

6-22-92



**mapco**  
INC.



October 1, 1975

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

ATTENTION: Mr. Cleon B. Feight

Re: MAPCO, Old Squaw's Crossing  
Unit No. 8-31  
Section 31, T. 9 S., R. 20 E.  
Uintah County, Utah

Gentlemen:

Please find enclosed two (2) copies of each of the following for the captioned well:

- (1) Application for Permit to Drill
- (2) Well Survey Plat
- (3) USGS Seven-Point Information
- (4) Proposed 12-Point Development Plan with Accompanying Plats
- (5) Designation of Agent

Very truly yours,

MAPCO INC.

Frank E. Farnham  
District Engineer

/awm

Enclosures

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 *NW* NE/4 NE/4 (644' FNL & 776' FEL) Section 31 ✓  
 At proposed prod. zone T. 9 S., R. 20 E., Uintah County, Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 7 miles south from Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 776' ✓

16. NO. OF ACRES IN LEASE 1340.05 ✓

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. None ✓

19. PROPOSED DEPTH 7000' ✓

20. ROTARY OR CABLE TOOLS Rotary ✓

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4795' Ungraded Ground

22. APPROX. DATE WORK WILL START\* October 15, 1975

5. LEASE DESIGNATION AND SERIAL NO.  
 U-10987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME  
 Old Squaw's Crossing ✓

8. FARM OR LEASE NAME  
 Federal ✓

9. WELL NO.  
 8-31 ✓

10. FIELD AND POOL, OR WILDCAT  
 Unit Test *Referral*

11. SEC., T., R., M. FOR BEARING AND SURVEY OF AREA  
 Section 31 *Butte*  
 T. 9 S., R. 20 E. ✓

12. COUNTY OR PARISH  
 Uintah

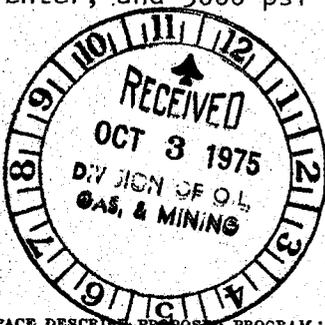
13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	3000' ✓	As required
8-3/4"	5-1/2"	17#	7000' ✓	As required

*Wasatch*

This well will be drilled from surface to total depth with rotary drilling equipment including B.O.P. assembly as follows: 3000 psi working pressure annular preventer, and 3000 psi working pressure double gate B.O.P. (Pipe and blind rams).



*Sub C-3*

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 September 22, 1975

(This space for Federal or State office use)

PERMIT NO. 43-047-30222 APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

SEP 25 1975

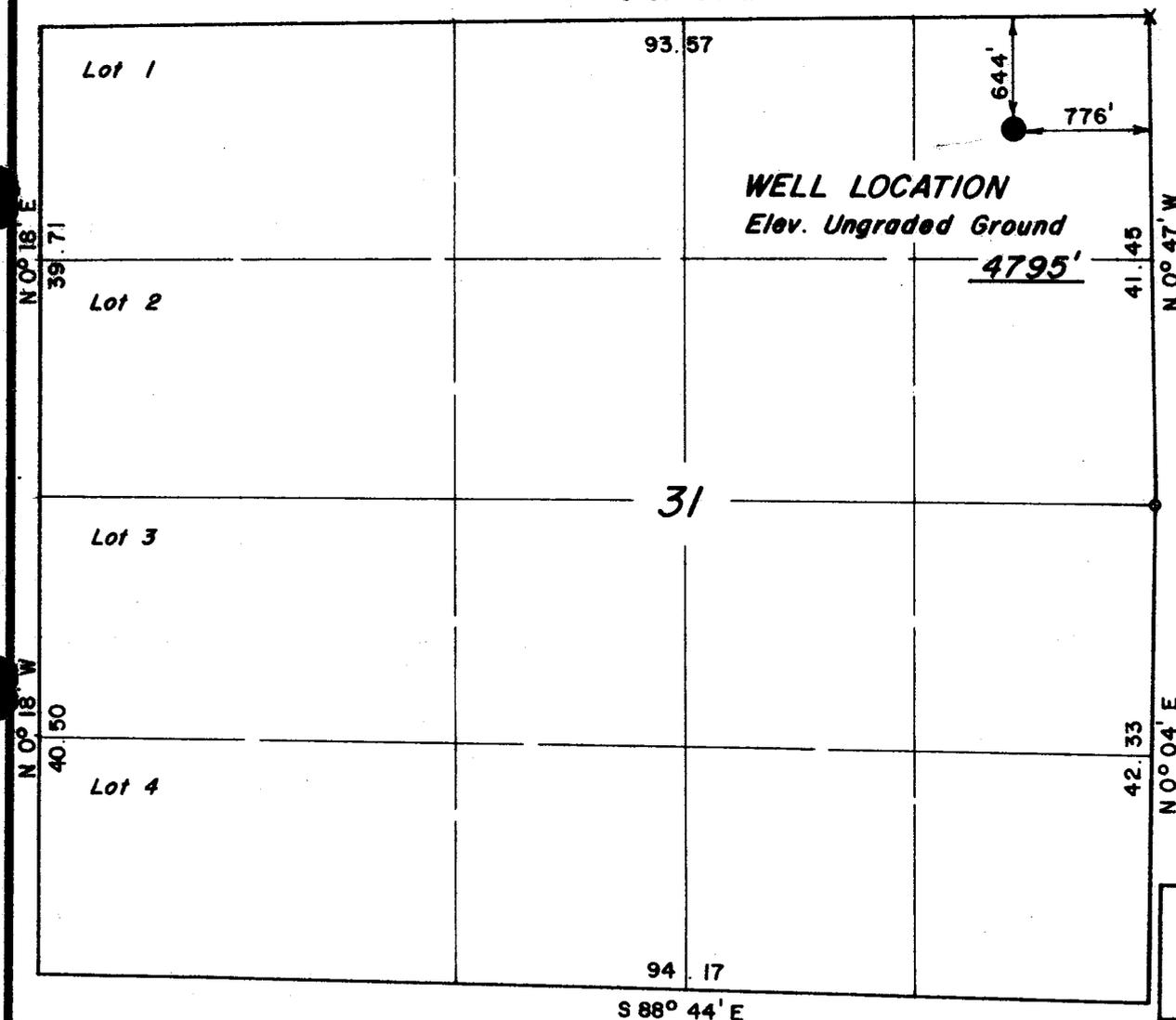
PROJECT

**MAPCO INCORPORATED**

Well location, Located as shown  
in the NE 1/4 NE 1/4, Section  
31, T 9 S, R 20 E, S.L.B. & M.  
Uintah County, Utah.

T 9 S, R 20 E, S.L.B. & M.

S 89° 04' W



**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.

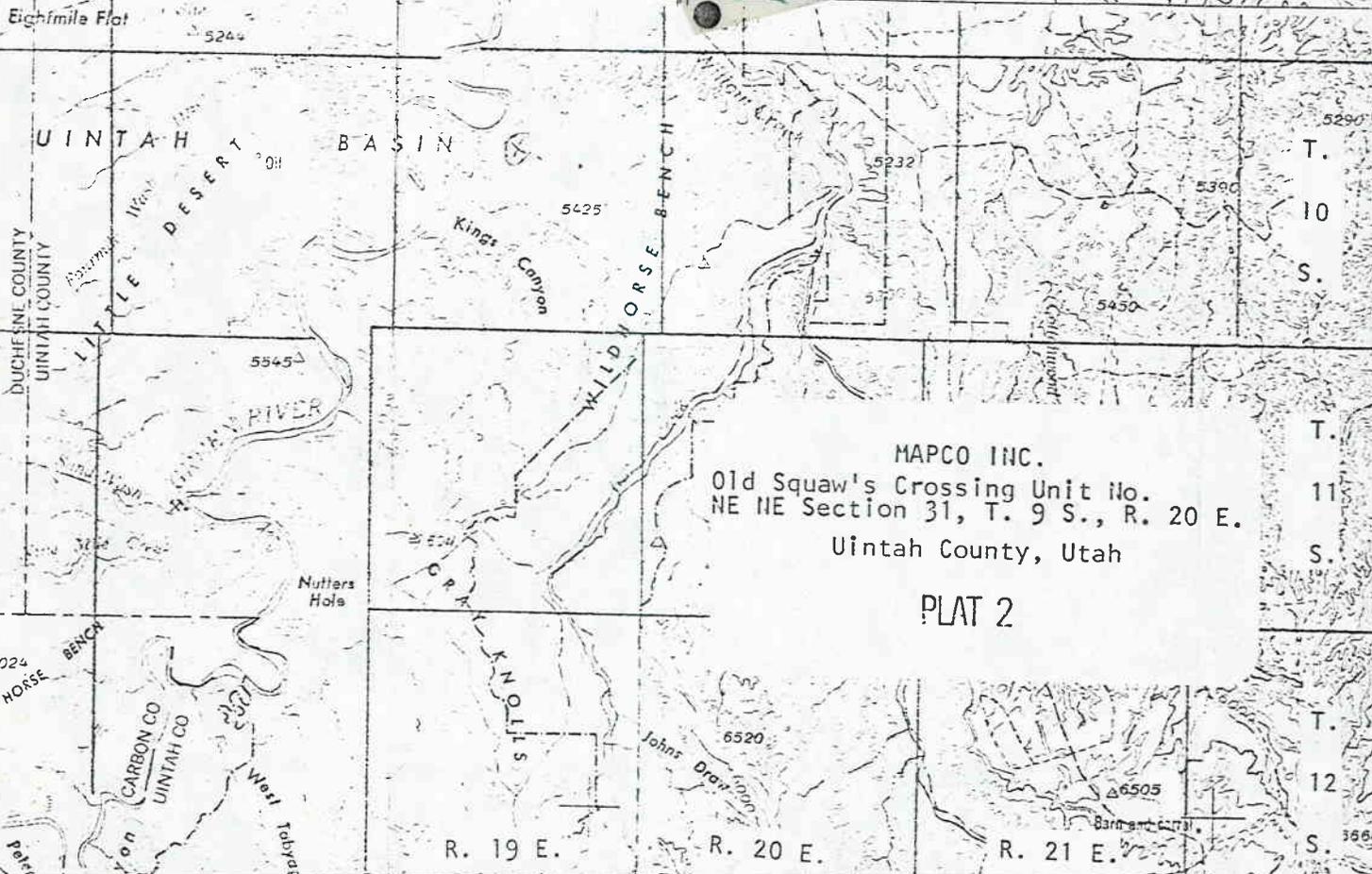
*Sena Stewart*

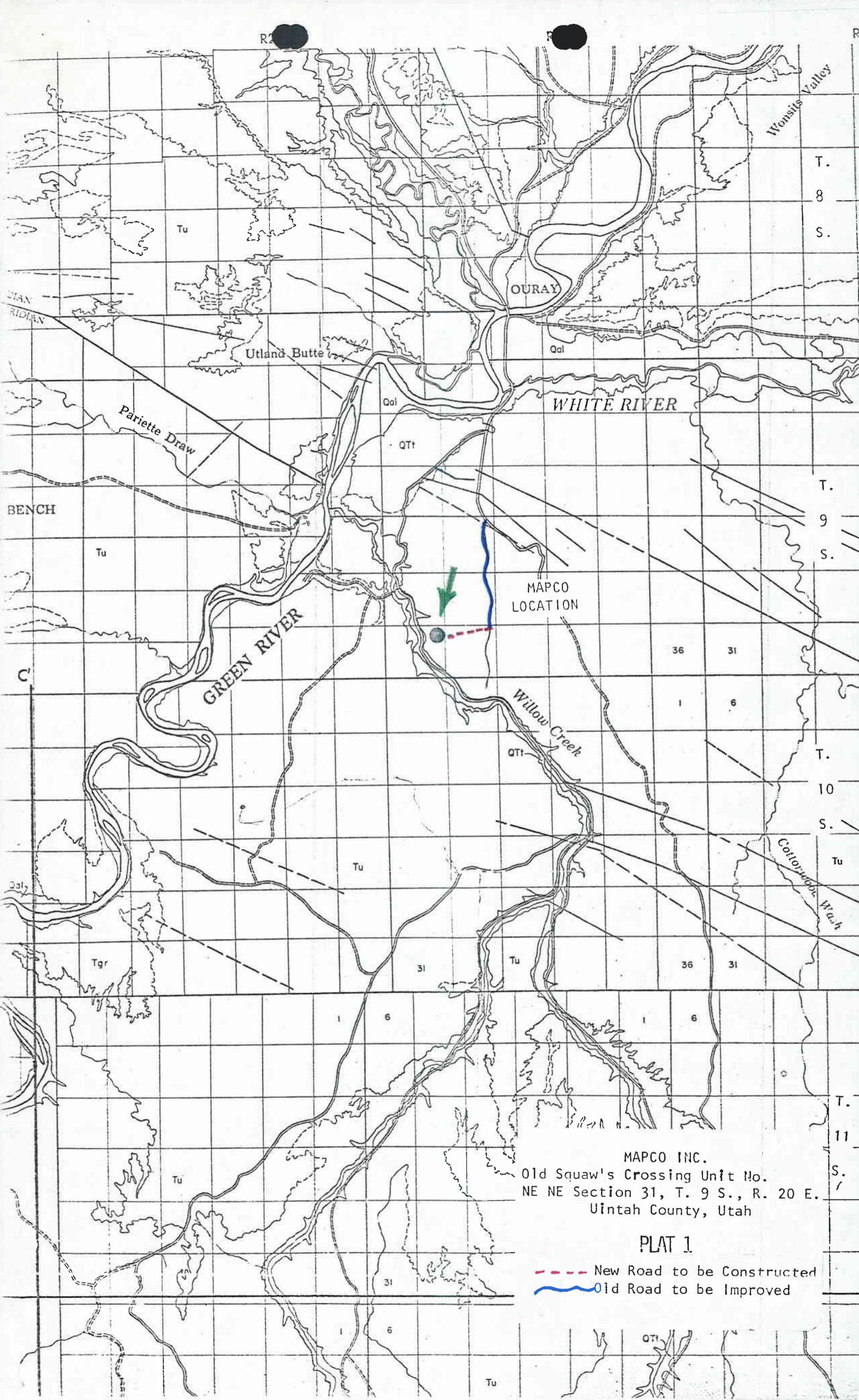
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9/23/75
PARTY L.D.T. N.D.	REFERENCES GLO Plat
WEATHER Clear & Warm	FILE MAPCO INC.

- X = Section Corners Located ( Brass Cap)
- O = Section Corners Located ( Pipe)





MAPCO INC.  
 Old Squaw's Crossing Unit No.  
 NE NE Section 31, T. 9 S., R. 20 E.  
 Uintah County, Utah

**PLAT 1**

--- New Road to be Constructed  
 ~~~~~ Old Road to be Improved

MAPCO INC., OLD SQUAW'S CROSSING UNIT NO. 8-31

NE NE SECTION 31, T. 9 S., R. 20 E.

UINTAH COUNTY, UTAH

- USGS SEVEN-POINT INFORMATION -

1. Surface Casing: 9-5/8", 36#, K-55, STC new casing set at 3000'. The surface casing will be cemented to surface to extend protection from the base of the Mahogany zone over the entire Evacuation-Parachute Creek members of the Green River oil shale formation.
  2. (a) Casinghead: 9-5/8" OD Slip On X 10" 3000 psi WP.  
(b) Tubinghead: 10" 3000 psi WP X 6" 3000 psi WP.  
(c) Adapter: 6" 3000 psi WP X 2-1/2" 5000 psi WP.  
(d) Christmas tree: 2-1/2" 3000 psi WP.
  3. No intermediate casing.
  4. Blowout Preventers: (a) 3000 psi working pressure annular preventer.  
(b) 3000 psi working pressure double gate blowout preventer (pipe and blind rams).
- Fill line connection between flow line and top of BOP assembly.
- Kill line connection below the BOP assembly.
- Choke line connection below BOP assembly consisting of a valve, line to choke, choke, valve, line to burn pit.
5. 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 (PVT) equipment with an indicator with audible alarm on the rig floor.
  6. Maximum pressure expected to be 3150 psi at a total depth of 7000'.
  7. Drilling fluid will be a water base fluid with sufficient rheological properties to clean the hole and control the formations and formation fluids encountered.

Prepared by CFK & JJB  
September 24, 1975

MAPCO INC., OLD SQUAW'S CROSSING UNIT NO. 8-31

NE NE SECTION 31, T. 9 S., R. 20 E.

UINTAH COUNTY, UTAH

- PROPOSED 12-POINT DEVELOPMENT PLAN -

1. Existing roads including location of the exit from the main highway: See Plat 1.
2. Planned access roads: Plan to construct 5000' of new road shown as the dashed red line on Plat 1. Plan to improve 10,000' of old road shown in blue on Plat 1.
3. Location of existing wells: See Plat 3.
4. Lateral roads to well locations: None.
5. Location of tank batteries and flow lines: See Plat 4.

NOTE: This well is proposed to be completed in the known Wasatch Gas Reservoir. Therefore, a tank battery is not required. If the well is a success, considerable additional development will follow at which time a detailed development plan will be prepared.

6. Location and type of water supply:

Water for drilling operations will have to be hauled in from either the Green River (3 miles), the White River (6 miles) or Willow Creek (1/8 mile), depending on water flow at the time operations are conducted.

7. Methods for handling waste disposal:

Garbage and waste material will be deposited in a cage-type container and hauled from the drillsite to an approved disposal site. Drill cuttings will be placed in the mud reserve pit.

8. Location of camp: None in area.
9. Location of airstrip: None in area.
10. Location of layout: See Plat 5.

11. Plans for restoration of the surface:

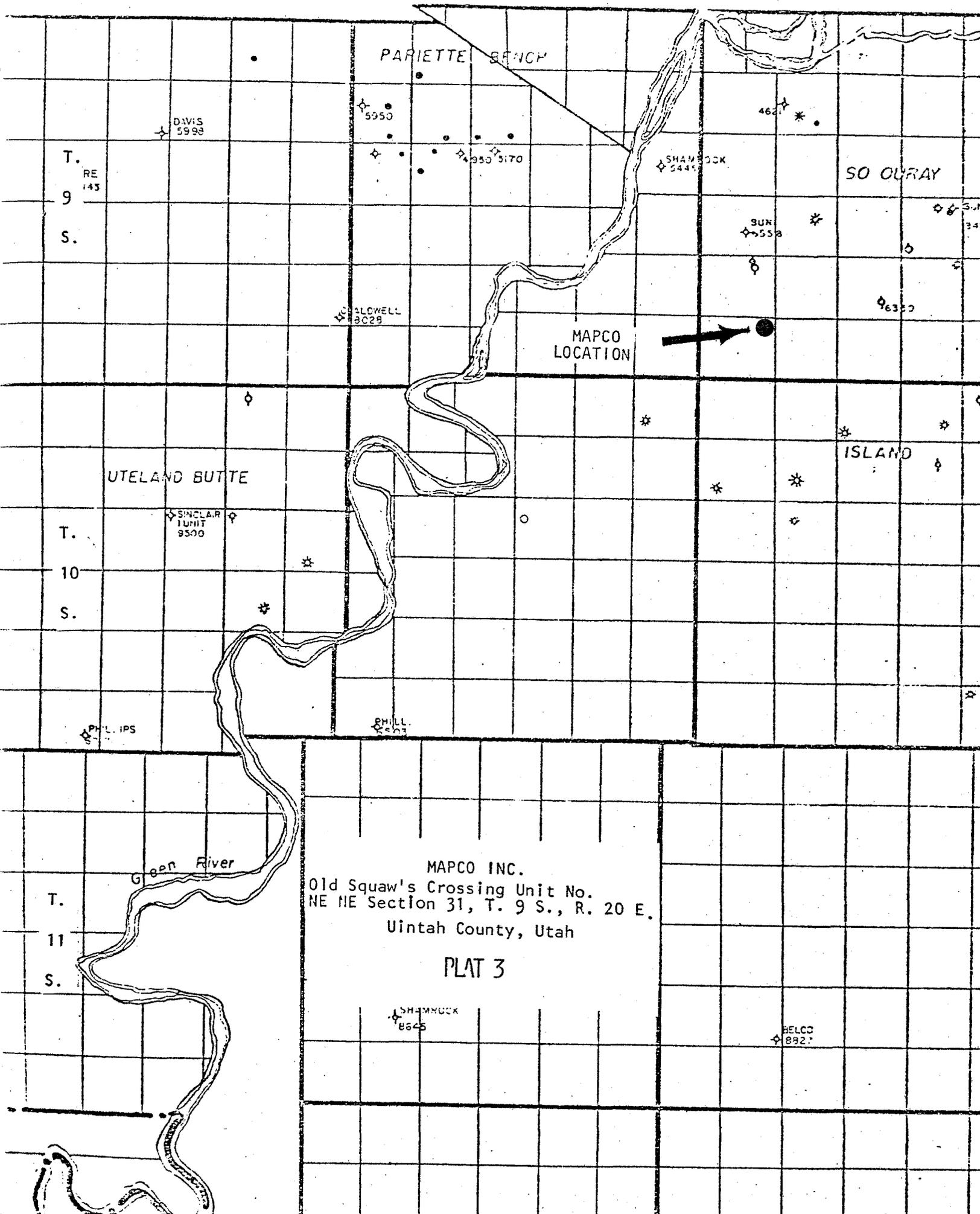
The drillsite is in a very arid area with little or no surface vegetation and frequent "rock" outcroppings on the surface. Therefore, it is not planned to stockpile topsoil. The surface will be restored, as near as possible, to its original state after completion of the operations. Bureau of Land Management requirements will be met.

12. Other information evaluating the impact on environment:

The topography of the area is of generally undulating rolling hills, bisected by occasional steep walled washes. The rocks of the Tertiary Eocene Uinta Formation are well exposed in the area. A relatively thin soil exists, which supports a sparse vegetation of grasses, sage brush (Artemesia), and types of salt brush (Chrysothamnus). The area is very dry, probably receiving less than 9" annual rainfall which is average for the entire Uinta Basin.

The drillsite is located on a plateau, and the terrain is rough and rocky. The area does not appear suitable for grazing or raising cultivated crops. Topography is gentle and rolling on the drillsite, with a dry gulch-type drainage system generally in the area. However, the drillsite has been laid out to keep cut and full to a minimum and away from the drainage pattern.

Prepared by CFK & JJB  
September 22, 1975



PARIETTE BENCH

DAVIS  
5993

5950

950 3170

SHAMROCK  
2441

4621

SO OURAY

T.  
RE  
9

S.

SUN  
558

ALDWELL  
3029

MAPCO  
LOCATION



6350

UTELAND BUTTE

ISLAND

T.  
10  
S.

SINCLAR  
UNIT  
9500

PHILLIPS

PHILLIPS  
2027

Green River

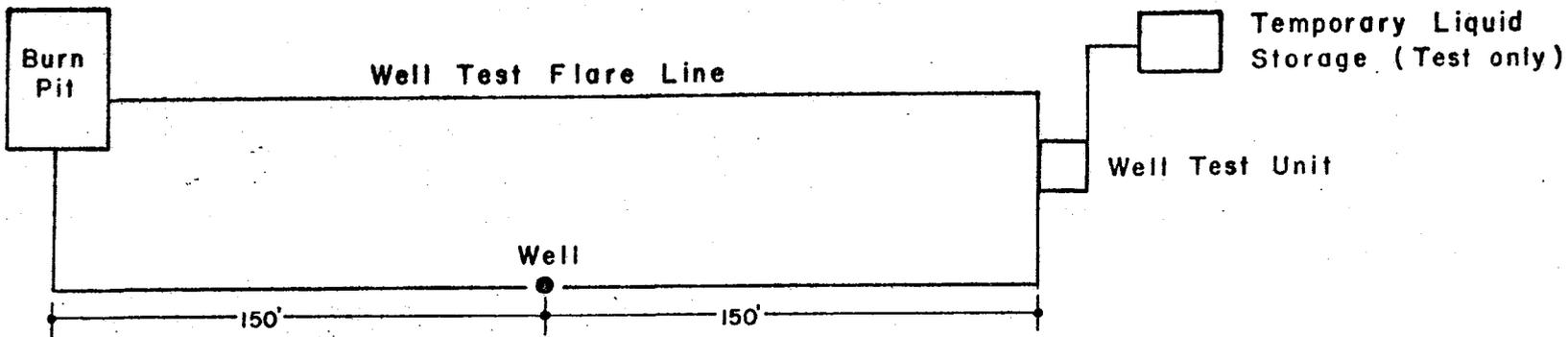
T.  
11  
S.

MAPCO INC.  
 Old Squaw's Crossing Unit No.  
 NE NE Section 31, T. 9 S., R. 20 E.  
 Uintah County, Utah

PLAT 3

SHAMROCK  
8645

BELCO  
8927



Test facilities to be placed on same location with well.

Permanent facilities will be included in a plan of development if production in commercial amounts are established. This is a known natural gas reservoir which will require extensive testing and stimulation to determine if an economic completion can be made.

Scale

PROPOSED RIG LAYOUT

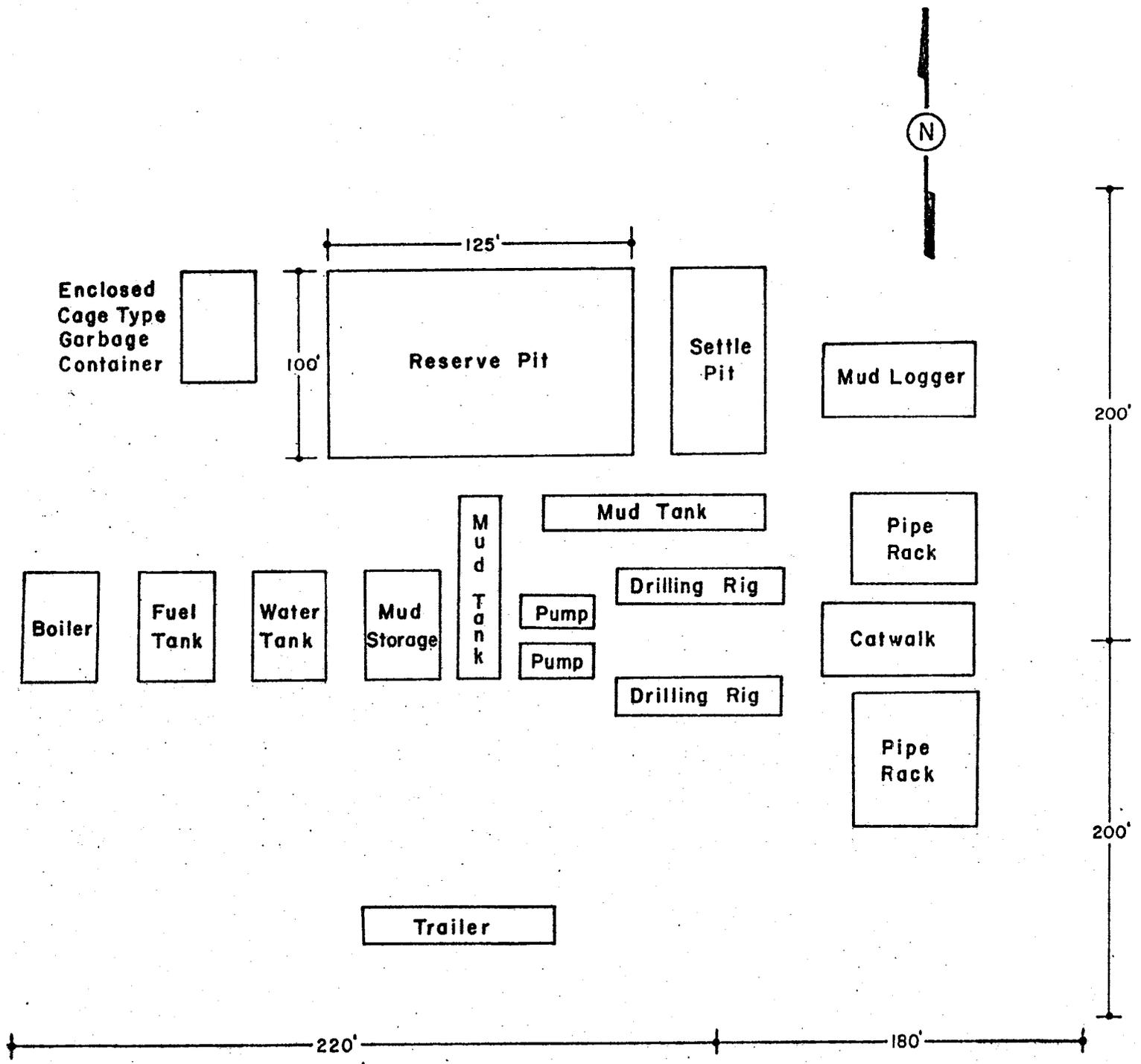
Old Squaw's Crossing Unit No. 8-31

NE NE Section 31, T. 9 S., R. 20 E., Uintah County, Utah

Date 9-24-75

Sheet of

By JJB



DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the Old Squaw's Crossing unit agreement, Uintah County, Utah (state), No. 14-08-0001-11713 approved June 22, 1970 and hereby designated:

NAME: MAPCO, Inc.

ADDRESS: 1437 South Boulder Avenue  
Tulsa, Oklahoma 74119

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. OSCU 8-31, in the NE 1/4 NE 1/4 Sec. 31, T 9. S, R 20 E, SLM, Uintah County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U.S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

GENERAL HYDROCARBONS CORPORATION  
Unit Operator

September 22, 1975

By:

Herbert M. Zandmer  
Its Attorney in Fact  
Herbert M. Zandmer: President

White

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: Oct. 3, 1975  
 Operator: Mapco Inc.  
 Well No: Old Squawb Crossing 8-31  
 Location: Sec. 31 T. 9S R. 20E County: Witak

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

Checked By:  
 Administrative Assistant: P. (O.K.)

Remarks: Please include in letter, 24 hr. notification of spilling in

Petroleum Engineer/Mined Land Coordinator: \_\_\_\_\_  
 Remarks:

Director: J  
 Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No. \_\_\_\_\_  Blowout Prevention Equipment   
 Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site   
 O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit   
 Other:

Letter Written

October 8, 1975

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

Re: Well No. Federal 8-31  
Sec. 31, T. 9 S, R. 20 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 272-5813  
OFFICE: 533-5771

Enclosed please find form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-047-30222.

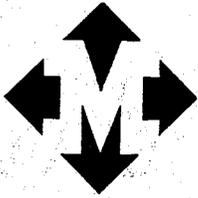
Very truly yours,

DIVISION OF OIL, GAS, AND MINING

ORIGINAL SIGNED BY C. B. FEIGHT

CLEON B. FEIGHT  
DIRECTOR

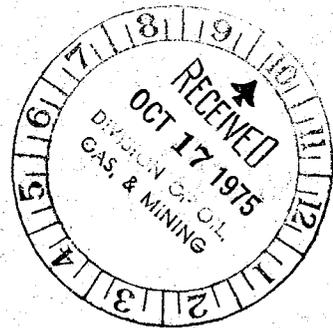
CBF:sw  
cc: U.S. Geological Survey



**mapco**  
INC.

October 14, 1975

PRODUCTION DIVISION



U.S.G.S. - Conservation Division  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

ATTENTION: Mr. Edgar W. Gwynn

Re: MAPCO, Old Squaw's Crossing  
Unit No. 8-31  
Section 31, T. 9 S., R. 20 E.  
Uintah County, Utah

Gentlemen:

Please be advised by this letter that we wish to cancel our request for permit to drill the captioned well. A change in our plans makes it necessary to request this cancellation, and in fact we do not plan to drill this particular well in the immediate future.

Your prompt attention in handling this matter for us will be greatly appreciated.

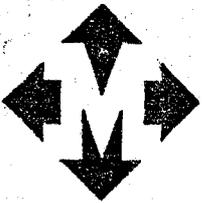
Very truly yours,

MAPCO INC.  
Original Signed  
J. D. HOLLIMAN

J. D. Holliman  
Manager of Operations  
Northern District

JDH:awm

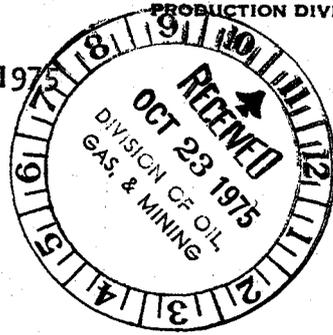
cc: State of Utah; Cleon B. Feight  
U.S.G.S., Casper, Wyoming; C. J. Curtis  
MAPCO Inc., Tulsa, Oklahoma; Duane Grounds  
" " " " ; Royse Parr  
" " " " ; E. J. Milt



**mapco**  
INC.

PI

October 14, 1975



U.S.G.S. - Conservation Division  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

ATTENTION: Mr. Edgar W. Gwynn

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Very truly yours,

MAPCO INC.

J. D. Holliman  
Manager of Operations  
Northern District

JDH:awm

cc: ✓ State of Utah; Cleon B. Feight  
U.S.G.S., Casper, Wyoming; C. J. Curtis  
MAPCO Inc., Tulsa, Oklahoma; Duane Grounds  
" " " " ; Royse Parr  
" " " " ; E. J. Milt

October 22, 1975 Lease Utah-10987

Your request is approved. We are returning your submitted application unapproved. If you should decide to again drill @ this location, a new Application to Drill must be submitted.

  
E. W. Gwynn  
District Engineer

cc: BLM, Vernal  
OSGS, NRMA, Casper  
✓ OSG Conservation Commission