

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

CMB
10-16-72

COMPLETION DATA:

Date Well Completed
W..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
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.....



mapco
INC.

PRODUCTION DIVISION

October 10, 1972

Mr. Paul Burchell
State of Utah
Department of Natural Resources
Division of Oil and Gas Commission
1588 West North Temple
Salt Lake City, Utah 84103

Dear Paul:

We enclose three applications for permits to drill three additional wells in Duchesne County, Utah; we hope they have been completed to your satisfaction. Our designation of agent was made previously, and a drilling and plugging bond will be filed with your office in the near future by our Land and Legal Department in Tulsa.

Very truly yours,

MAPCO INC.

L. B. McDade
L. B. McDade, Geologist

LBM:awm

Enclosures

*BMD
EC
Rec'd.
10-16-72*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

3. Lease designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

11. Sec., T., R., M., or Bk. and Survey or Area

12. County or Parrish

13. State

14. No. of acres assigned to this well

15. Rotary or cable tools

22. Approx. date work will start*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

a. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

MAPCO Inc. Et.al.

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.*

Surface SW/4 NE/4 (1846' FNL - 1528' FEL) Section 6, T. 1 S.,
R. 3 W., U.S.M., Duchesne County, Utah

As proposed by one
Same

NE 2W NE

14. Distance in miles and direction from nearest town or post office*

2-1/2 miles Northeast of Altonah, Utah

12. County or Parrish

Duchesne, Utah

15. Distance from proposed location to nearest property of lease line, ft. (Also to nearest drng. line if any)

1176'

16. No. of acres in lease

440.51

17. No. of acres assigned to this well

677.84

18. Distance from proposed location* to nearest well, drilling completed, or applied for, on this lease. ft.

19. Proposed depth

18,000'

20. Rotary or cable tools

Cable tools: Surf. to 5000'; Rotary: 5000' to 18,000'

21. Restrictions (Show whether: DF, RT, GR, etc.)

7Q10' GR

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13-5/4"	10-3/4"	Mixed	2500'	As required
9-7/8"	7-5/8"	Mixed	15,000'	As required
5-1/2"	5-1/2" (liner)	Mixed	18,000'	As required

This portion of the hole below approximately 5000' will be drilled with rotary equipment including B.O.P. assemblies, etc. similar to or exceeding that now drilling MAPCO, Fisher No. 1, Sec. 7, T. 1 S., R. 3 W., U.S.M. Other equipment will include (1) a recording pit level indicator with warning device, (2) mud volume measuring device and (3) a mud return indicator.

139-8
OK - 9-1-72

24. 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.

Edwin J. Pitt

Manager of Operations
Northern District

Title

Date October 20, 1972

This space for Federal or State office use

43-013-30166

Approval Date

Approved by

Title

Date

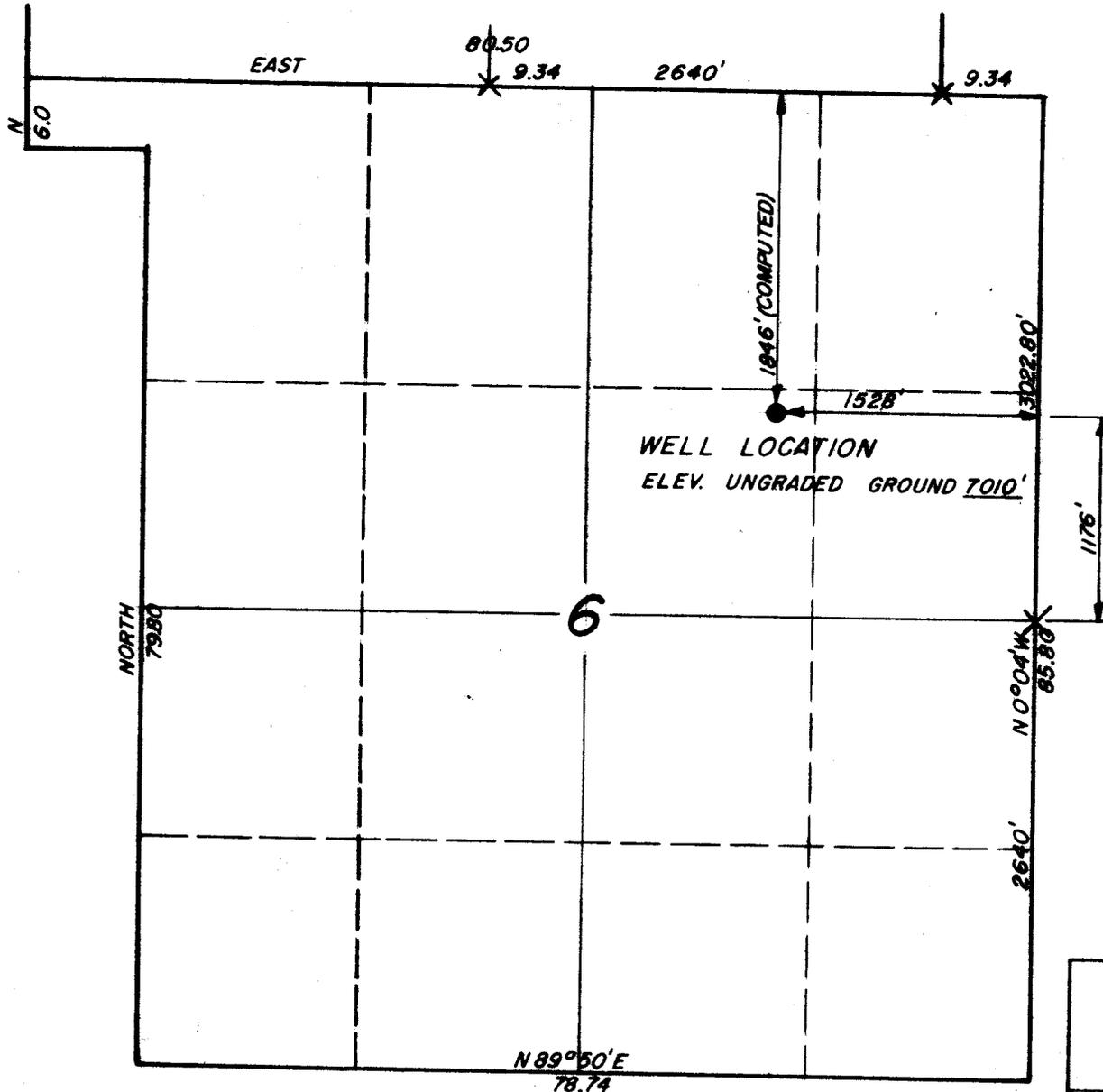
Conditions of approval, if any.

TIS, R3W, U. S. M.

PROJECT

MAPCO OIL COMPANY

WELL LOCATED AS SHOWN IN THE SW 1/4
NE 1/4 SECTION 6, TIS, R3W, U. S. M.,
DUCHESNE COUNTY, UTAH



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.

Lawrence C. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P. O. BOX 9 - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 28 SEPT. 1972
PARTY D.A. & T.L. & C.F.	REFERENCES G. L. O. PLAT.
WEATHER WARM	FILE MAPCO PROD.

X = CORNERS LOCATED & USED

October 16, 1972

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

Re: Well No. Dennis Ralphs #1-6
Sec. 6, T. 1 S, R. 3 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-8, dated September 1, 1972.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

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

The API number assigned to this well is 43-013-30166.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FREIGHT
DIRECTOR

CBF:sd

October 18, 1972

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

Re: Applications for Permit to Drill
MAPCO Inc. Et al, Ralps 1-1
Sec. 1, T. 1 S., R. 4 W., USM
MAPCO Inc. Et al, Ralps 1-5
Sec. 5, T. 1 S., R. 3 W., USM
Duchesne County, Utah

Gentlemen:

Applications for permit to drill the captioned wells were submitted to your office October 10, 1972. We subsequently were notified that these locations were outside the 660-foot tolerance from center of the NE/4 allowed under the recent spacing order 139-8 for Altamont field.

These drill sites are located as close to the center of the NE/4 as is reasonable considering the prevailing topographic conditions. Therefore, we request that MAPCO Inc. be allowed to drill the two tests at the locations noted on the applications for the following reasons:

- (1) Ralps No. 1-1: This location is adjacent to the west of the large Farmers Canal; a move to the northeast not only would interfere with the canal, but would place the location on the side of an extremely steep hill.
- (2) Ralps No. 1-5: This locations is adjacent to a broad, steep-walled wash; a move closer to the center of the quarter section would place the drill-site in the wash subject to extreme difficulty from flowing water.

Page 2
State of Utah
October 18, 1972

For these reasons, we would appreciate your favorable consideration of our request.

Very truly yours,

MAPCO INC.



L. B. McDade, Geologist

LBM:awn

cc: Guy Irvin
Duane Grounds
MAPCO Inc.
Production Division
800 Oil Center Building
Tulsa, Oklahoma 74119

STATE OF UTAH

November 7, 1972

MEMO FOR FILING

Re: Mapco Oil Company
Dennie Ralphs #1-1, 1-5, 1-6
Sec. 1, 5, 6, T. 1 S, R. 3, 4, W,
Duchesne County, Utah

On November 2, 1972, the above referred to well sites were visited.

Locations and roads have been completed and at the present time there are three spudders making hole for conductor pipe. Condition of all the well sites were found acceptable. It should be noted that the company proposes to bring in three more Viersen and Cockran rigs within the near future.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:ck

cc: U.S. Geological Survey

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Dennie Ralphs
2. NAME OF OPERATOR MAPCO Inc. Et.al.		9. WELL NO. 1 - 6
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		10. FIELD AND POOL, OR WILDCAT Altamont
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 (1846' FNL - 1528' FEL) Sec. 6, T. 1 S., R. 3 W., USM Duchesne County, Utah		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6 T. 1 S., R. 3 W., USM
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7010' Gr.	12. COUNTY OR PARISH 18. STATE Duchesne Utah

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 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"/>	

(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.)*

NOVEMBER REPORT:

11-18-72 Set 14" casing @ 78'.

11-30-72 Drilling - TD 368'.

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

SIGNED [Signature] TITLE Manager of Operations Northern District DATE 12-13-72

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
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		13. STATE Utah

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Proposed 18,000' Oil Well

OCTOBER REPORT:

- 10-20-72 Rigging up cable tools.
- 10-22-72 Spudded well.
- 10-23-72 Set 8' - 16" conductor.
- 10-31-72 Rig up completed - preparing to drill ahead.

18. I hereby certify that the foregoing is true and correct
 SIGNED [Signature] TITLE Manager of Operations Northern District DATE 12-13-72

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">12. COUNTY OR PARISH Duchesne</td> <td style="width:50%;">18. STATE Utah</td> </tr> </table>	12. COUNTY OR PARISH Duchesne	18. STATE Utah
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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DECEMBER REPORT:

12-31-72 T.D. 606'. Drilling shale and bentonite.

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

SIGNED E.J. Mill TITLE Manager of Operations Northern District DATE 1-12-73

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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JANUARY REPORT:

1-31-73 T.D. 725'; drilling shale.

18. I hereby certify that the foregoing is true and correct
 SIGNED [Signature] TITLE Manager of Operations Northern District DATE _____

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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FEBRUARY REPORT:

2-28-73 T.D. 725'; drilling and cleaning out cavings.
 Preparing to move out cable tools and rig up rotary tools. Digging reserve pits.

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

SIGNED [Signature] TITLE Manager of Operations Northern District DATE March 13, 1973

(This space for Federal or State office use)

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

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

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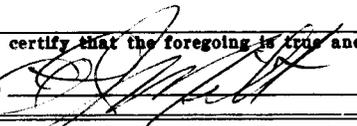
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

MARCH REPORT:

3-1-73 to
3-4-73: Rigging down and moving out cable tools.
3-5-73: Moving in rotary tools (Viersen & Cochran Rig #7).
3-21-73 &
3-22-73: Start rotary rig operations.
3-30-73: T.D. 3010'; ran 97 joints, K-55, ST&C, 40.5#, 10-3/4" surface casing. Set at 2958'. Cemented with 284 sacks 50-50 pozmix with 12% gel, 1/4# celloflake/sack and 2% CaCl₂ followed by 105 sacks class "G" cement around the shoe. Second stage through D.V. collar at 1652'. Cemented with 534 sacks 50-50 pozmix as above. Cement did not come to surface. Pumped 1000 sacks class "G" cement down outside of surface casing. Surface casing cemented to surface.
3-31-73: WOC.

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

SIGNED



TITLE

Manager of Operations

Northern District

DATE

April 13, 1973

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

MB

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR MAPCO Inc., et al</p> <p>3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below) At surface SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30166</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Dennie Ralphs</p> <p>9. WELL NO. 1 - 6</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.</p>		

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 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) _____	
(Other) _____		(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.)*

APRIL REPORT:

4-1-73 thru
4-30-73: T.D. 9969'; drilling Uinta and Green River formations.

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

<p>SIGNED </p>	<p>TITLE <u>Manager of Operations Northern District</u></p>	<p>DATE <u>May 14, 1973</u></p>
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(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO INC., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7010' Gr.	9. WELL NO. 1 - 6
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6, T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH 18. STATE Duchesne Utah

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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) _____	
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May Report:
 5-1-73 thru 5-31-73 T.D. 12,562'; drilling Green River formation.
Sample Top Lower Green River Marker 1:
 11,895 (-4863) feet

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

SIGNED	TITLE <u>Manager of Operations Northern District</u>	DATE <u>June 14, 1973</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
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SUNDRY NOTICES AND REPORTS ON WELLS

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<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.</p>		

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

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May Report:

5-1-73 thru 5-7-73 T.D. 490'; WORT.
 5-8-73 thru 5-16-73 Moving in and RURT.
 5-17-73 Spudded 4 A.M.
 5-18-73 thru 5-31-73 T.D. 1852'; drilling Duchesne River formation.

18. I hereby certify that the foregoing is true and correct
 SIGNED [Signature] TITLE Manager of Operations Northern District DATE June 14, 1973

(This space for Federal or State office use)

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

PI
JMS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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<p>14. PERMIT NO. 43-013-30166</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.</p>	

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JUNE REPORT:

6-1-73 thru
6-30-73: T.D. 13,962'; drilling Green River and Wasatch formations.

SAMPLE TOPS:

Upper Wasatch Transition Zone 13,380 (-6348) feet
Wasatch Red Beds 13,515 (-6483) feet

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

SIGNED [Signature] TITLE Manager of Operations Northern District DATE July 13, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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JULY REPORT:

7-1-73 thru
7-31-73: T.D. 16,000'; drilling Red Beds formation. Preparing to log.

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

SIGNED [Signature] for E. J. Milt TITLE Manager of Operations Northern District DATE August 14, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Handwritten initials

SUNDRY NOTICES AND REPORTS ON WELLS

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AUGUST REPORT:

8-1-73: T.D. 16,000'; ran the following logs: Neutron-Formation Density - TD to 9000'; Dual Induction-Laterolog - TD to 2958'; and Borehole Compensated Sonic & Gamma Ray - TD to 9000'.

8-2-73 thru
8-5-73: Ran a total of 375 joints of 7-5/8", S-95, 26.40#, 29.70#, 33.70# and 39#, BTRC & LTC casing. Ran a Halliburton guide shoe on bottom with a Halliburton differential fillup collar on top of shoe joint. Casing landed at 15,987'. BJ cemented with 600 sacks BJ lite, 10% salt, 1/4#/sack Cello Flake, 1% R-6 Retarder, slurry wt. 12.4#/gal. Pumped at 7 bbls./min. and 600# psi. No returns. Followed by 100 sacks 1:1 poz, 4% gel, 10% salt, 1/4#sack Cello Flake, 1 1/2% R-6 Retarder, slurry wt. 14.2#/gal. Pumped at 7 bbl./min. and 600# psi and tailed in with 50 sacks class "G" cement with 1% R-6 Retarder, slurry wt. 15.8#/gal. Pumped at 7 bbl./min. Bumped plug with 1700 psi. Plug down at 6 PM, 8-2-73. Nippled up and pressure tested B.O.P. to 5000 psi, Hydril to 3000 psi and choke to 5000 psi. Drilled cement, shoe and collar.

8-6-73 thru
8-31-73: TD 17,195'; drilling Wasatch Transition and Red Beds formations.

18. I hereby certify that the foregoing is true and correct
 SIGNED [Signature] TITLE Manager of Operations Northern District DATE September 10, 1973

(This space for Federal or State office use)

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



mapco
INC.

PRODUCTION DIVISION

October 17, 1973

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

ATTENTION: Mr. Paul Burchell

Gentlemen:

Enclosed please find two copies each Production Reports for the following wells in Duchesne County:

MAPCO, Fisher No. 1, SW NE Section 7, T. 1 S., R. 3 W., USM
MAPCO, Marshall No. 1-20, NW NE Section 20, T. 1 S., R. 3 W., USM
MAPCO, Stevenson Heirs No. 1-36, NE/4 Sec. 36, T. 1 S., R. 5 W., USM

The Marshall No. 1-20 and the Stevenson No. 1-36 are still within the 60-day test period. The amount of gas produced on these two wells was estimated from daily gas charts. These charts are now being integrated for accurate gas production data. On future reports we will be using the accurate data obtained by integrating the gas charts.

Also enclosed are Sundry Notices on the following drilling wells in Duchesne County:

MAPCO, D. Ralphs No. 1-5, SW NE Sec. 5, T. 1 S., R. 3 W., USM
~~MAPCO~~, D. Ralphs No. 1-6, SW NE Sec. 6, T. 1 S., R. 3 W., USM
MAPCO, D. Ralphs No. 1-1, SW NE Sec. 1, T. 1 S., R. 4 W., USM
MAPCO, Carman No. 1-7, NE/4 Sec. 7, T. 2 S., R. 5 W., USM
MAPCO, Allred No. 1-16, NE NE Sec. 16, T. 1 S., R. 3 W., USM
MAPCO, Birch No. 1-35, NE NE Sec. 35, T. 1 S., R. 5 W., USM
MAPCO, Sorensen No. 1-6, SE NE Sec. 6, T. 2 S., R. 5 W., USM
(2) MAPCO, Cheney No. 1-4, SW NE Sec. 4, T. 2 S., R. 5 W., USM

You will note there are two monthly reports for the Cheney No. 1-4, August and September. According to our files the report for the month of August was not sent to you last month.

Very truly yours,

MAPCO INC.

J. D. Holliman, Engineer

JDH:awm
Enclosures

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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9-15-73 thru 9-25-73: Continued from Page 1 ---
2900#. Squeezed with 50 sacks class "G", 3% salt. Pumped 5 bbls. cement in stages - 2½ bbls. at ½ bbl./15 min. @ 1700-2500# for 1 hour leaving 2½ bbls. inside 7-5/8" casing. Drilled 100' cement to 13,700'. Picked up and tripped in RTTS packer; set at 8100'; pressured up to 2900#; held OK. Ran and set RTTS at 8465' pressured to 2900#; leaks back to 2450# very slowly. Pressure tested down drill pipe below RTTS; held OK. Tripped out with RTTS. Tripped in with bit and drilling cement at 15,357'. 5½" liner, after set on bottom, moved uphole 209' because of reduced hydrostatic head occurring after hanging and releasing liner and during process of reversing out excess cement. A hole in the 7-5/8" casing broke down, causing the liquid level to drop approximately 3500'. Liner set at 17,582'; top of liner 15,371'.

9-26-73 T.D. 17,850'; ran Gamma Ray Neutron & Collar Locator Log 17,525-15,000'.
9-27-73 T.D. 17,850'; set 7-5/8" Otis packer at 15,348 to 15,351'. Layed down drill pipe and drill collars.
9-28-73 T.D. 17,850'; nipping down and installing tree.
Released rotary rig at 5 PM, 9-28-73.

9-29- & 9-30-73 T.D. 17,850'; rigging down rotary tools.

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

SIGNED _____ TITLE _____ DATE _____

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CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
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SUBMIT IN TRIPLICATE*
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2. NAME OF OPERATOR MAPCO Inc., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 (1846' FNL - 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs	
14. PERMIT NO. 43-013-30166		9. WELL NO. 1 - 6	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:														
<table border="0" style="width:100%;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> </table>	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"/>	<table border="0" style="width:100%;"> <tr> <td style="width:50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> </table>		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"/>
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SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>															
(Other) Perforate - Week of Oct. 22 <input checked="" 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.)*

SEPTEMBER REPORT:

9-1-73 thru
9-13-73: T.D. 17,850; drilling Wasatch and North Horn Transition formations from 17,195'.
SAMPLE TOP NORTH HORN TRANSITION: 17,540 (-10,508) feet

9-14-73 T.D. 17,850'; ran the following suite of logs:
Dual Induction Laterolog 15,976 - 17,844'
Borehole Compensated Sonic-Gamma Ray 15,976 - 17,844'
Compensated Formation Density - Gamma-Gamma 15,976 - 17,844'
Compensated Neutron Formation Density-Gamma Ray 15,976 - 17,844'

9-15-73 thru
9-25-73: T.D. 17,850'; ran 66 joints, 2211.65', P0110, 23 # liner. Set at 17,845'. Top of liner at 14,633'; Cemented with 225 sacks class "G" with 30% D-8 silica flour and 27.4% W-1 Barite, 2.2% R-11 retarder. Bumped plug at 4:30 AM with 2500#. Set 60,000# on packer. Reversed out 25 bbls.; lost returns. WOC. Rigged up to run temperature survey. Ran 88 stands in the hole and rigged up to squeeze. Cemented with 300 sacks class "G" with 3% salt. Pressure on squeeze reached 500# with 5 bbls. left. Staged 1/2 bbl. reached 1000 psi; held for 10 mins. Staged 1/8 bbl., 1500 psi, held 15 mins. WOC. Rigged up RTTS packer and Halliburton manifold; tripped in. Set RTTS packer at 8465' and tried to fill annulus. Pumped with 1300# at 2 bbls./min. Pulled 5 stands; set RTTS packer at 8100'; pressured up to

18. I hereby certify that the foregoing is true and correct
 SIGNED Edwyn J. Milt TITLE Manager of Operations Northern District DATE October 15, 1973
 -- Continued on Page 2 --

(This space for Federal or State office use)

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

OK

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Denny Ralphs
9. WELL NO.
1-6
10. FIELD AND POOL, OR WILDCAT
Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 6
T. 1 S., R. 3 W., USM

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
MAPCO Inc. et al

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW/4 NE/4 (1846' FNL-1528' FEL)
At top prod. interval reported below Sec. 6, T. 1 S., R. 3 W., USM
At total depth Duchesne County, Utah

14. PERMIT NO. 43-013-30166
DATE ISSUED _____

15. DATE SPUNDED 10-22-72
16. DATE T.D. REACHED 9-14-73
17. DATE COMPL. (Ready to prod.) 10-26-73
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7010' G.L. - 7032' K.B.

19. ELEV. CASINGHEAD 7010'
20. TOTAL DEPTH, MD & TVD 17,850'
21. PLUG, BACK T.D., MD & TVD 17,604'

22. IF MULTIPLE COMPL., HOW MANY* No
23. INTERVALS DRILLED BY
ROTARY TOOLS → 725'-17,850'
CABLE TOOLS G.L.-725'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Wasatch
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Laterolog 8, FDC-CNL-Gamma Ray-Caliper, BHC Sonic-Gamma Ray-Caliper, Dual Induction
27. WAS WELL CORBED No

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5	2958'	12-1/4"	1923 sacks	
7-5/8"	26.4, 29.7,	15987'	8-3/4"	750 sacks	
	33.7, 39.0				

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	15371'	17582'	225		2-7/8"	15348'	15348'
					2-3/8"	4501'	

31. PERFORATION RECORD (Interval, size and number)
See attached list of perforations.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
16856'-17,510'	8000 gallons 15% HCl acid

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)		
10-29-73	Flowing				Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-30-73	24	16/64-1 hr.	→	1760	743.4	None	422
		12/64-23 hr.	→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
5300-1 hr.		→	1760	743.4	None		
5950-23 hr.							

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and vented
TEST WITNESSED BY
Craig Phillips

35. LIST OF ATTACHMENTS
Perforation record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED E. J. Milt TITLE Manager of Operations DATE November 16, 1973
Northern District

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

Item 4: If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		NAME	MEAS. DEPTH
		TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
		Lower Green River	11,831 - 4,799
		Top Wasatch Red Beds	13,515 - 6,485
		Base Wasatch Red Beds	16,140 - 9,108
		North Horn Transition	17,540 -10,508
		North Horn	17,680 -10,648

PERFORATING DETAILS:

Perforated lower Wasatch zone two (2) holes per foot with a 2" scalloped gun magnetically decentrailized using 6.2 gram deep penetration charges as follows: (all depths BHC Sonic Gamma Ray Depths)

17,510, 17,506, 17,490, 17,477, 17,438, 17,367, 17,357, 17,342, 17,320,
17,302, 17,259, 17,243, 17,195, 17,174, 17,151, 17,143, 17,134, 17,126,
17,113, 17,109, 17,068, 17,059, 17,049, 17,032, 17,015, 17,008, 17,005,
16,971, 16,960, 16,953, 16,946, 16,941, 16,934, 16,927, 16,910, 16,903,
16,894, 16,879, 16,870, 16,856..

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL AND GAS CONSERVATION
 1588 West North Temple
 Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number MAPCO Inc., et al, Dennie Ralphs No. 1-6
 Operator MAPCO Inc.,
Suite 320 Plaza West
 Address 1537 Avenue D, Billings, Montana 59102
 Contractor Viersen & Cochran Drilling Company
P. O. Box 280
 Address Okmulgee, Oklahoma 74447
 Location SW 1/4, NE 1/4, Sec. 6, T. 1 N., R. 3 W., Duchesne County.

Water Sands: None encountered.

	<u>Depth:</u>		<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
	From -	To -		
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops: (Sample)

✓ Lower Green River Marker 1: 11,895 (-4863) feet.
 Upper Wasatch Transition Zone 13,380 (-6348) feet.
 Wasatch Red Beds: 13,515 (-6483) feet.
 Lower Wasatch Transition Zone 16,100 (-9068) feet.
 Base of Wasatch Red Beds: 16,140 (-9108) feet.

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO.		9. WELL NO. 1 - 6
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6
		T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 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"/>			

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.)*

OCTOBER REPORT CONTINUED --

10-28-73: T.D. 17,850'; well shut in until 10:00 AM. Acidized using B.J. with 8000 gallons 15% H₂O₂ with additives using 120 RCN Balls. Good ball action but could not ball off. ISI 6650 psi; 5 minute 6200 psi; 10 minute 6300 psi; 15 minute 6300 psi. Put well on production at 4:00 PM as follows:

- 2 hours 10/64" choke at 6500 psi FTP
- 8 hours 12/64" choke at 6100 psi FTP
- 2 hours 14/64" choke at 5900 psi FTP

Well flowed 933 barrels in 12 hour -period ending 4:00 AM, 10-29-73. Still flowing on 14/64" choke.

END OF MONTHLY REPORTS

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form OGCC-1 b*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO.		9. WELL NO. 1 - 6
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 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) _____	
(Other) _____			

(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.)*

OCTOBER REPORT CONTINUED ---

17,510, 17,506, 17,490, 17,477, 17,438, 17,367, 17,357, 17,342, 17,320, 17,302, 17,259, 17,243, 17,195, 17,174, 17,151, 17,143, 17,134, 17,126, 17,113, 17,109, 17,068, 17,059, 17,049, 17,032, 17,015, 17,008, 17,005, 16,971, 16,960, 16,953, 16,946, 16,941, 16,934, 16,927, 16,910, 16,903, 16,894, 16,879, 16,870, 16,856. Went in hole to finish perforating, could not get below 15,040' inside 2-7/8" tubing in two attempts.

Obstruction acts like rubber. Shut down operations until next morning - prep to flow well and try to remove obstruction from tubing.

10-23-73: SITP 5000 psi; opened up well; bled pressure to 0; well remained dead for 1 hour. Rigged up GO International to run sinker bar to check tubing. Well started flowing and flowed water and oil at a good rate with large flare for 1 1/2 hours. Shut well in and released GO International.

10-24 & 25-73: Opened well again and bled to 0; well died. At 5:30 AM, well started heading again for 20 minutes, then produced at a steady low rate until 6:00 AM, 10-25-73, when well was shut in. SITP 3500 psi. Put on production at 10:30 AM. FTP 250 psi, 21/64" choke, good flare, unloading water. Well died at 11:20 AM. Back on production at 2:00 PM, flowing at a very low rate and low pressure. Well shut in at 6:00 PM.

10-26 thru 10-28-73: T.D. 17,850'; shut in - preparing to acidize. -- CONTINUED ON PAGE 3 --

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

PH

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR MAPCO Inc., et al 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.* See also space 17 below. At surface) SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah 14. PERMIT NO. 43-013-30166 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.		5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Dennie Ralphs 9. WELL NO. 1 - 6 10. FIELD AND POOL, OR WILDCAT Altamont 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM 12. COUNTY OR PARISH Duchesne 13. STATE Utah
---	--	---

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) _____

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

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OCTOBER REPORT:

CORRECTION TO REPORT OF 9-25-73: Top of Liner at 15,371; shoe at 17,582'.

10-1 thru

10-7-73: T.D. 17,850'; rigging down rotary tools.

10-8 & 9-73: T.D. 17,850'; moving in and rigging up completion rig.

10-10 &

11-73: T.D. 17,850'; ran 14,300' of 2-7/8", 6.5#, N-80 Nu-lock tubing. Landed tubing at 15,348', displaced hole with 390 barrels of 10.0# calcium chloride H₂O with 50 gallons of KW-12 inhibitor and 175# of K4-70 oxygen scavenger. Set 10,000# on Otis packer, tested tubing and seal assembly to 2000 psi for 10 minutes. Held good, closed in for the night.

10-12-73:

T.D. 17,850'; ran 4501.24' of 2-3/8", 4.6#, Armco Seal lock (heat string) put OCT Xmas tree on well, released rig at 2:30 PM. Waiting on completion of battery construction. Well dropped from report until completion.

10-22 &

23-73: T.D. 17,850'; rigged up GO International to perforate - 4 runs required. Perforated lower Wasatch zone two hole per foot with a 2" scalloped gun magnetically decentralized using 6.2 gram deep penetration charges as follows: (all depths BHC Sonic Gamma Ray Depths) -- CONTINUED PAGE 2 --

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

Manager of Operations

SIGNED

Edwin J. Mitt
Edwin J. Mitt

TITLE

Northern District

DATE

November 12, 1973

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

22

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West, 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DP, RT, OR, etc.) 7010' Gr.	9. WELL NO. 1 - 6
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(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.)

2-28-74: Rigged up GO International. Ran 3 sinker bars, collar locator, jars and a tool made from a joint of 3/4" sucker rod with 4 pieces of spring steel welded to sucker rod to push junk down hole. Worked tool from 15,200' to 17,510' three times and hole became free. Pulled out of hole and picked up 2" Harrison jet gun with 6.2 gram deep penetrating charges. Left one 6" strap from tool in hole. Tripped in with perforating gun. Had to flow well on 6/64" choke in order to keep gun from dragging. The following intervals were perforated with 2 shots per foot: 16,843', 16,842', 16,832', 16,822', 16,818', 16,807', 16,780', 16,776', 16,763', 16,736', 16,716', 16,691', 16,634', 16,583', 16,565', 16,526', 16,508', 16,500', 16,481', 16,336'. Depths are BHC Sonic GR measurement. Pressure before and after perforating was 1200 psi. Pulled out of hole. Shut perforators down for night and put well on production.

3-1-74: Rigged up GO International, tripped in with collar locator and perforating gun. Perforated 20 intervals with 2 shots per foot with 6.2 gram deep penetration charges as follows: 16,330', 16,324', 16,315', 16,311', 16,304', 16,299', 16,224', 16,221', 16,198', 16,193', 16,145', 16,141', 16,134', 16,129', 16,120', 16,118', 16,077', 16,047', 16,024', 16,578'. Pressure at wellhead was 1300#.

CONT. ON PAGE 2 --

18. I hereby certify that the foregoing is true and correct
 SIGNED J. D. Holliman TITLE Manager of Operations Northern District DATE January 7, 1975

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR MAPCO Inc.</p> <p>3. ADDRESS OF OPERATOR Suite 320 Plaza West, 1537 Avenue D, Billings, Montana 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30166</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Dennie Ralphs</p> <p>9. WELL NO. 1 - 6</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DP, RT, OR, etc.) 7010' Gr.</p>		

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 type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" 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.)

CONTINUED:

It increased to 1400 on 2nd shot (16,324' BHC Sonic-GR depth) and remained same throughout rest of shots. Tripped out of hole. Rigged down GO International and put well on production.

3-7-74

Shut well in. Rigged up BJ Inc. for acid job. Began pumping acid at 10:27 AM, 3-7-74. Pumped 16,000 gallons of 15% HCl containing 3 gallons C-15 inhibitor, 2 gallons J-22 demulsifier, 6 gallons J-39 anti-sludge agent, and 3 gallons G-10 friction reducer per 1000 gallons of acid. 240 7/8" RCN balls were pumped with acid. SITP prior to job was 900 psi and initial pumping pressure was 950 psi. Acid was pumped down 2-7/8", 6.5# tubing with a minimum pressure of 8500 psi, maximum pressure of 10,000 psi, average pressure of 9300 psi. Minimum pump rate was 5 BPM, maximum pump rate was 9 BPM, and average pump rate was 8.1 BPM. Displaced acid with 12 barrels diesel spacer and 87 barrels fresh water containing 3 gallons G-10 friction reducer per 1000 gallons of water. Had good break and ball action. Job completed @ 11:28 AM, 3-7-74 with pump rate of 6.25 BPM @ 9600 psi. ISIP 6275 psi, after 5 minutes 6150 psi, after 10 minutes 6000 psi, after 15 minutes 5100 psi, after 18 minutes 2800 psi. Held 1500 psi on annulus throughout job.

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

SIGNED J. D. Holliman TITLE Manager of Operations Northern District DATE January 7, 1975

(This space for Federal or State office use)

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

027

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West, 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 (1846' FNL & 1528' FEL) Section 6, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7010' Gr.	9. WELL NO. 1 - 6
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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"/>	FULL OR ALTER CASING <input 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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" 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.)*

1-2-75

T.D. 17,850'; rigged up BJ Inc. on 1-2-75. BJ acidized with 2,500 gallons of 12% HCl-3% HF containing 8 gallons of C-15 inhibitor, 8 gallons J-22 demulsifier, 33 gallons D-12 foaming agent. Pumped 10 barrels acid at 6 BPM with pressure increasing to 500 psi. Acid was pumped to perforations at 6 BPM with pressure increasing to 5,300 psi. Pumped 30 barrels at 1 BPM and pressure decreased to 200 psi. Stopped pumping to allow well to flow back. Well would not flow. Pumped last 29 barrels at 1 BPM and 0 psi. Shut well in for 1 hour at 0 psi. Started gas compressor and began injecting gas in annulus to operate gas lift valves. After two hours, well began flowing water and gas. After 3 hours, well was making water and gas mist. After 6 hours, well was making acid water, oil, and gas. After 7 hours, well was making N₂, oil, water, and gas. Well cleaned up in 8½ hours. Turned well to treater with 100 psi FTP.

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

SIGNED J. D. Holliman TITLE Manager of Operations Northern District DATE January 7, 1975

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



JUN 2 1975

LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2250
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 5-5-75
 RESULTS REPORTED 5-6-75

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY Mapco Production Inc. LEASE Ralphs WELL NO. 1-6
 FIELD _____ COUNTY _____ STATE _____
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION _____ TOP _____
 REMARKS _____

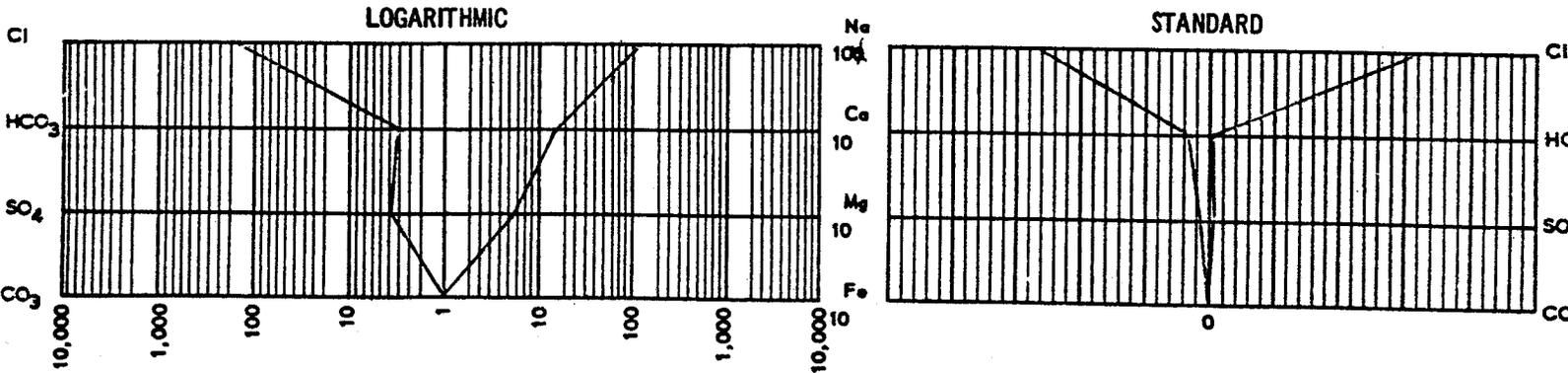
SAMPLE TAKEN BY Floyd Collett

CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0043 pH 6.90 RES. 0.70 OHM METERS @ 77°F
 TOTAL HARDNESS 1215.5 mg/L as CaCO₃ TOTAL ALKALINITY 250.0 mg/L as CaCO₃

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	349.0	17.45		
MAGNESIUM - Mg ++	79.0	6.48		
SODIUM - Na +	3000.0	130.43		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	10.50	0.38	154.74	
BICARBONATE - HCO ₃ ⁻	250.0	4.10		
CARBONATE - CO ₃ ⁻⁻	0	0		
SULFATE - SO ₄ ⁻⁻	232.0	4.83		
CHLORIDE - CL -	5697.7	160.50	169.43	
TOTAL DISSOLVED SOLIDS	10120			

MILLEQUIVALENTS PER LITER



ANALYST _____

CHECKED _____

Form DOGG-4



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Altamont/ Dinnie Ralphs

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 1975

Agent's Address Suite 320 Plaza West
1537 Avenue D
Billings, Montana 59102
 Phone No. 406/248-7406

Company MAPCO Inc.
 Signed Agnes W. Model Agnes W. Model
 Title Geological Clerk & Secretary

Sec. and of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE Sec. 6	1 S	3 W	1	30	8175	41.2	5165 Est. by GOR Actual Gas Produced unknown	0	1477	

NOTE: ALL volumes are corrected for temperature and pressure.

GAS: (MCF)
 Sold _____ 0
 Flared/Vented _____ 0
 Used On/Off Lease _____ 15135 (Res. Gas)
 Loss ~~due to xxx products~~ 5165 (Reason Unknown)

WATER:
 Disposition _____ 1477
 Pit _____ 1477
 Injected _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____ 1115
 Produced during month _____ 8175
 Sold during month _____ 8070
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____ 1220
 *LOAD OIL _____
 Report prepared by _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

9

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

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.)

RECEIVED
AUG 11 1976

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc.		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE (1846' FNL & 1528' FEL)		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.	9. WELL NO. 1 - 6
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 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) _____	

(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.)*

Propose to clean out well and run 15,400' 5-1/2" casing. Repeated attempts to repair deteriorated 7-5/8" casing have failed; therefore, will run 5-1/2" casing as production string. This will allow the well to be returned to gas lift operation.

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

SIGNED Agnes M. Model TITLE Geological Clerk & Secretary DATE August 9, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR MAPCO Inc.</p> <p>3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE (1846' FNL & 1528' FEL)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Dennie Ralphs</p> <p>9. WELL NO. 1 - 6</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. 43-013-30166</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.</p>	

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NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input 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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(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.)*

7-26-75: Acidized with 10,000 gals. 15% HCl in 5 stages separated with 250 to 500 lb. slugs of Benzoic Acid flakes.

4-9-76: Pumped 1000 gallons 15% HCl to remove scale found in tubing.

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

SIGNED *Agnes M. Model* TITLE Geological Clerk & Secretary DATE AUG 17 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No.
 Federal Lease No.
 Indian Lease No.
 Fee & Pat.

REPORT OF OPERATIONS AND WELL STATUS REPORT

R

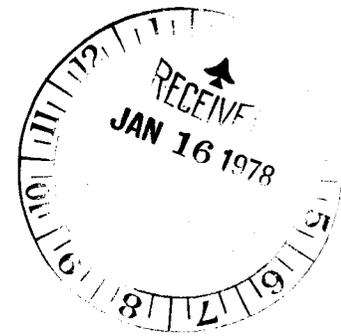
STATE Utah COUNTY Duchesne FIELD/LEASE Altamont/Dennie Ralphs

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December, Oil, November, Gas, 19 77

Agent's Address Suite 320 Plaza West
1537 Avenue D
Billings, Montana 59102
 Phone No. 406/248-7406

Company MAPCO Inc.
 Signed J. M. Vogl
 Title Production Clerk

Sec. and 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
SW NE Sec. 6	1 S	3 W	1	28	1368	41.2	3275	No	1482	Shut in 3 days.	
On hand at beginning of month:						417					
WATER DISPOSITION (Bbls.):											
Pit				1207							
Injected				400							
Unavoidably Lost											
Reason											
Other											
On hand at end of month:						292					



November Note: All volumes are corrected for temperature and pressure.

GAS: (MCF)
 Sold 0
 Flared/Vented 0
 Used On/Off Lease 2194
 Lost 1081
 Reason Due to products.

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month 1030
 Produced during month 1368
 Sold during month 1870
 Unavoidably lost _____
 Reason: _____
 Transferred _____
 Rejected (1) _____
 Workover Oil (2) _____
 On hand at end of month 528

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.** (1) Lease crude reinjected during lease operations.
 (2) Oil Purchased, injected and produced subsequent to workover.

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

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MAPCO Inc.</p> <p>3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D., Billings, Montana 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE (1846 FNL & 1528' FEL)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Dennie Ralphs</p> <p>9. WELL NO. 1-6</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W. USM</p>
<p>14. PERMIT NO. 43-013-30166</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.</p>	<p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>

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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) <u>Isolated depleted zones.</u> <input checked="" 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.)*

July, 1978 - Worked 10 days freeing Otis Perma-latch packer. P00H with tubing packer and 438' of tailpipe. Left 595' of tailpipe in hole. Tubing parted where it had been perforated. Ran Otis Perma-latch packer with plug to isolate depleted zones in bottom of well. Set packer at 16860'. Ran Baker Model R-3 packer with 11 jts. of tailpipe, and production tubing with gas lift mandrels and valves. Set packer at 15645'. The well was returned to production and made 575 BWPD with no oil. Production logs were run and they found 740 BWPD entering through the bottom gas lift valves and through a hole in the tubing @ 11225'. The water was moving down across perforations and exit through or around packer set @ 16860'. Additional work will be done to determine source of water, but exact procedure is not known at this time, notice of intentions will be submitted.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Sept. 12, 1978
BY: P. H. Russell

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

SIGNED Gary J. Evers TITLE Production Engineer DATE September 8, 1978
(This space for Federal or State office use)

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

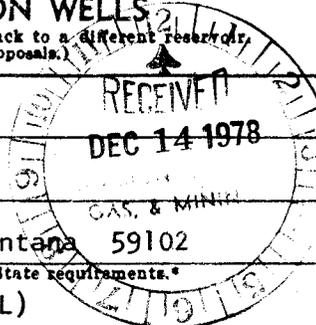
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

M D

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW NE (1846' FNL & 1528' FEL)		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.	9. WELL NO. 1 - 6
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH 18. STATE Duchesne Utah

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 type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" 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"/>	

(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.)*

Moved on well and pulled 2 7/8" production tubing, gas lift mandrels and 5 1/2" R-3 packer. Geotex RIH with tracer log and measured no flow @ 2500', 5000', 8000' & 10600'. Flow rates of 11.5'/min. downwards were measured @ 10800', 10700' & 10650'. Isolated leak @ 10630±'. RIH w/ RTTS packer and retrievable BP. Set BP @ 10804' and tested to 1000 psi. Checked injection rate down annulus @ 3 to 3 1/2 bpm and 1500 psi. Spotted 3 1/2 sacks of sand on BP then pulled packer up to 9681' and set it. Halliburton squeeze cemented with 150 sx. 50-50 poz containing 10% salt and 2% gel (34 bbl. of slurry). Pumped cement at 3 1/2 bpm and 2600 psi. Shut down for 15 min. with cement in casing, pumped 1/2 bbl., shut down for another 15 min., pumped another 10 1/2 bbl. with pressure increasing from 300 psi to 3000 psi. Held 3000 psi for 1 1/2 hr., released pressure and pressured back to 3000 psi. Held OK. Still had 11 bbl. of cement in casing. Released packer and POOH. RU 4 3/4" bit and 4 1/2" casing scraper and drilled out cement from 10036' to 10636'. Pressure tested squeeze to 2500 psi. CO to BP and retrieved BP. Ran 5 1/2" Baker R-3 double grip packer and gas lift mandrels on 2 7/8" production tubing. Set packer @ 15650' with gas lift mandrels @ 2982', 5313', 6905', 8490', 9615', 10561', 11506', 12492', 13378', 14327', & 15185'. Put well on production.

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

SIGNED *[Signature]* TITLE District Engineer DATE 12-12-78 ✓

(This space for Federal or State office use)

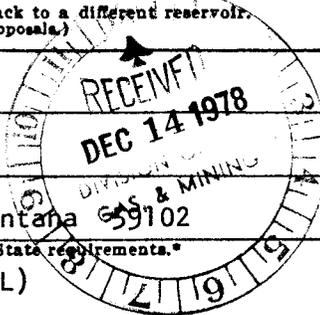
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE (1846' FNL & 1528' FEL)		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30166		9. WELL NO. 1 - 6
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7010' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 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 checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)*

PROPOSED PROCEEDURE:

Pull tubing and locate casing leak with production logs. Run and set retrievable BP below leak and dump sand on BP. Set treating packer above leak, establish injection rate and squeeze cement leak with 150 sacks of 50-50 poz mix cement. Drill out cement and pressure test squeeze job to 2500 psi. Resqueeze if necessary. Clean out and retrieve BP, rerun production tubing and gas lift mandrels with valves in-place. Put well on production.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 12/12/78
BY: P. Pruceal

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE District Engineer DATE 12-12-78

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

<p>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>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY Alpine Executive Center</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202 Billings, MT 59102</p>		<p>8. FARM OR LEASE NAME Dennie Ralphs</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NE/4 1846' FNL & 1528' FEL</p>		<p>9. WELL NO. 1-6</p>
<p>14. PERMIT NO. 43-013-30166</p>		<p>10. FIELD AND POOL, OR WILDCAT Altamont</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7010' GL</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6 T. 1 S., R. 3 W., USM</p>
		<p>12. COUNTY OR PARISH Duchesne</p>
		<p>13. STATE Utah</p>

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 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 checked="" 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.)*

MAPCO Production Co. intends to P&A the Dennie Ralphs 1-6. Please see the attached procedure for details.

* APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6/6/83
BY: [Signature]

* Additional requirements to Proposed Procedure

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 6-1-83
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Plug and Abandonment Procedure

Ralphs 1-6
SW NE Section 6, T1S, R3W
Duchesne County, Utah

Approvals
Mgr Prod _____
Dist Supt _____
Engineer _____
Foreman _____

Current Conditions

10-3/4" 40.5#/ft K-55 ST&C casing at 2958'. Cemented to surface in two stages.
7-5/8" 26.4 to 39#/ft S-95 BTC & LTC casing at 15,987', cemented with 600 sacks lite, 100 sacks 1:1 pozmix, 50 sacks G
5-1/2" liner 23#/ft P-110 at 17,845 to 15,368, cemented with 225 sacks G
5-1/2" tie back 17#/ft with 100 sacks. Top of cement 13,884'.
TD 17,850' 9-15-73.
2-7/8" tubing, 11 jts 8rd tailpipe.
2-7/8" Otis seal divider
Pkr - Baker R-3 17# at 15,412'
RBP at 16,860'
Perf: 16,024 to, 16,860' selectively

Proposed Procedure

1. MIRU workover rig. If necessary circulate to kill well. Remove wellhead and nipple up BOP.
2. Release Baker R-3 pkr, TOH and LD packer.
3. TIH with tubing to 16,860'. Circulate 9.0#/gal mud. POOH to 16,000 feet and cement with 22 sacks with retarder from 16,000 to 15,900'. Displace with mud. POOH with tubing.
4. RU casing jacks and wireline unit. TIH to determine free point. TOOH with free point and TIH with casing cutter on wireline. Cut casing at indicated free point. POOH with wireline and RD wireline unit.
5. Pull and LD 5-1/2" casing switching from the casing jacks to the pulling unit when feasible. Dope the threads and replace the thread protectors.
6. RU wireline and TIH with free point. Determine free point on 7-5/8" casing. POOH with free point indicator and TIH with casing cutter. Cut casing at indicated free point. POOH with wireline and RD wireline unit.

Put 50' cement plug above RBP @ 16,860'.

** 100' plug (1/2" In & 1/2" Out) of 5 1/2" casing stub.
(Due to deteriorating condition of 7 5/8" casing.)*

7. Pull and LD 7-5/8" casing switching from the casing jacks to the pulling unit when feasible. Dope the threads and replace the thread protectors.
8. TIH with 2-7/8" tubing to 50' below the top of the casing stub. Spot 50 sacks of cement (with retarder if necessary) to cover 100 feet 1/2 in and 1/2 out of the casing stub. Displace with mud.
9. If the distance between the casing stub and the surface casing exceeds 2000', stabilizer plugs of 60 sacks or 100' of hole will be set and displaced with mud.
10. Pull and LD tubing to the base of the surface casing at 2958' and spot 75 sacks, 100' cement plug 50' in and 50' below the base of the surface casing. Displace with mud.
11. Cut off the wellhead. Spot 10 sacks cement in the top of the surface casing.
12. If the surface owner does not request cut off below plow depth, set 4" O.D. pipe monument 10' long, 4' above the ground with 6' into the surface plug labeled with the following information:

MAPCO Ralphs 1-6
SW NE Sec. 6, T1S, R3W
Duchesne County, Utah
13. RD workover rig.
14. Remove all equipment from the lease. Restore the surface to landowner specifications and in compliance with state requirements.

DJB/ch
5/31/83

RECEIVED
OCT 20 1983

**UNITED STATES
DEPARTMENT OF THE INTERIOR DIVISION OF
GEOLOGICAL SURVEY OIL, GAS & MINING**

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Plug & Abandon - turned into water well

2. NAME OF OPERATOR
MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
BOX 2115, 705 S. Elgin, Tulsa, OK 74101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 1,846' FNL & 1528' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dennie Ralphs

9. WELL NO.
#1-6

10. FIELD OR WILDCAT NAME
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 6, T1S, R3W USM

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-30166

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7010' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* (other)	<input type="checkbox"/>		<input checked="" type="checkbox"/> and turn into water well

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

MIRU Workover Rig. Kill well and remove wellhead and NU BOP. Tried to release pkr, unsuccessful. Set cmt ret @ 15,600'. Filled bkside w/ 44 Bbls fresh water. Spotted 10 sx cmt, 1 Bbls fresh water, 18 bbls 9.0 ppg mud, 1 bbl fresh water, 15 sx cmt. Displ tbg w/ 91 bbls 9.0 ppg mud. Cut csg at 8,810', recr 212 its 5-1/2" csg - 8,792.57'. RU BJ and pmpd 10 bbls fresh water, 12 sx neat cmt, displ tbg w/ 50 bbls plug from 8,742' to 8,842'. BJ pmpd 10 bbls fresh water, 30 sx cmt to plug fr/ 2,908' to 3,008'. RIH tagged plug at 3,002'. Pmpd 37 sx cmt Displ tbg. POOH LD 124 jts 2-3/8" tbg. RIH to 277.60'. Filled hole, pmpd 68 bbls fresh water. Got circ, pmpd 10 bbls fresh water and 48 sx cmt. Waited 2 hrs. RIH - tagged plug at 220.72'. Witnessed by Peggy Walker (Landowner). Well turned over to landowner for use as water well.

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

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

SIGNED Tommy J. Brea TITLE PRODUCTION TECHNICIAN DATE October 12, 1983

(This space for Federal or State office use)

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

RECEIVED

OCT 01 1984

ASSIGNMENT AND BILL OF SALE

DIVISION OF OIL
GAS & MINING

Effective as of 7:00 A.M., November 15, 1983, MAPCO Oil and Gas Company (formerly MAPCO Production Company, successor in interest to MAPCO Inc.) a Delaware corporation, with offices at 705 South Elgin, Tulsa, Oklahoma 74101-2115 ("Assignor"), for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, transfer, and convey to Lloyd and Peggy Walker of Altonah, Utah, ("Assignee"), without warranty of any nature whatsoever, express or implied, and without warranty as to quality, merchantability, or fitness for a particular use or purpose, all of Assignors right, title and interest in and to the well bore of that certain well known as the Ralphs 1-6 located in Section 6, Township 1 South, Range 3 West, Duchesne County, Utah, together with any casing, fixtures, materials and equipment located in or appurtant to said Well.

This Assignment is made pursuant to the terms of that certain release and agreement between Assignor and Assignee dated August 12, 1983 and is in full and complete satisfaction of all of Assignor's obligations regarding the plugging and abandonment of the Ralphs No. 1-6 well.

Assignee shall assume all rights and obligations incident to the ownership and operation of said well, including all responsibility for the final plugging of the well and all responsibility for complying with all applicable local, state or federal regulations.

For the same consideration, Assignee agrees that it will indemnify and hold Assignor, its agents, contractors, successors, and assigns harmless from and against any and all claims of loss, damage or injury arising from the use or operation of said well, including but not limited to any and all claims, demands or requests made by any local, state or federal agency with regard to said well.

This Assignment is limited to the interest described herein and shall not be construed as a conveyance of an interest in the mineral estate underlying Section 6.

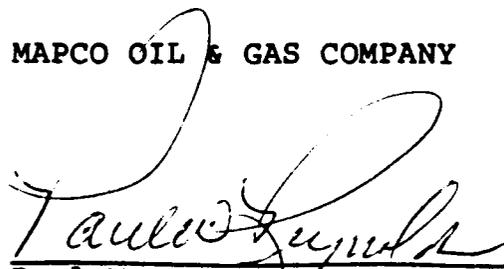
TO HAVE AND TO HOLD the interest and rights herein conveyed subject to the terms and conditions hereof, this Assignment shall be binding upon and inure to the benefit of the Assignee, their respective legal representatives, successors and assigns.

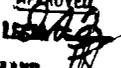
IN WITNESS WHEREOF, this instrument is executed on this 11th day of January, 1984.

ATTEST:


Secretary
Jerry L. Pickerill

MAPCO OIL & GAS COMPANY

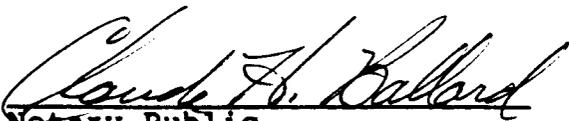

Paul W. Reynolds
Senior Vice President

APPROVED

LAND

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

Before me, the undersigned, a Notary Public in and for said county and state on this 11th day of January, 1984, personally appeared Paul W. Reynolds to me known to be the identical person who signed the name of the maker thereof to the foregoing instrument as its Senior Vice President and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.


Notary Public
CLAUDE H. BALLARD

My commission expires:
 MAR 6 1985
(SEAL)

SEP 26 1983

RELEASE AND AGREEMENT

(JDH) TLR DJB JP
AM CH FILE

THIS AGREEMENT is made this 12 day of AUGUST, 1983 by and between MAPCO Production Company, a Delaware corporation, with offices at 705 South Elgin, P.O. Box 2115, Tulsa, Oklahoma 74101-2115 (MAPCO) and Lloyd and Peggy Walker, of Altonah, Utah (Walkers).

WHEREAS, MAPCO Production Company has heretofore drilled a certain oil and gas well known as the Ralph's 1-6 located Section 6, Township 1 South, Range 3 West, Duchesne County, Utah and MAPCO now intends to plug and abandon said well; and,

WHEREAS, the undersigned who own the surface upon which the subject well is located, have expressed a desire to utilize a portion of the well bore of said well as a water well;

NOW, THEREFORE, in consideration of the premises, MAPCO Production Company agrees that it will plug the referenced well, pursuant to all applicable regulations, from a depth of 150 feet to the total depth of said well. Upon completion of the plugging operations, MAPCO will assign the well bore to the Walkers, without warranty.

The Walkers agree that the assignment of the well bore shall be full and complete satisfaction of all of MAPCO's obligations regarding the plugging and abandonment of said well. It is further agreed that the Walkers will assume any and all obligations incident to the ownership and operation of said well including all responsibility for the final plugging of said well, and that they will assume all responsibility for complying with all applicable local, state or federal regulations.

The Walkers further agree that they will indemnify and hold MAPCO, its agents, contractors, successors and assigns harmless from and against any and all claims of loss, damage or injury arising from the use or operation of said well, including but not limited to any and all claims, demands or requests made by any local, state or federal agency with regard to said well.

This release and agreement shall be binding upon the Walkers and their heirs, successors and assigns.

MAPCO Production Company

By

LLOYD WALKER

WITNESS:

PEGGY WALKER

Gary Walker
Peggy Walker

Lloyd Walker
Peggy Walker

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

Before me, the undersigned, a Notary Public in and for said county and state on this 27th day of July, 1983, personally appeared Paul W. Reynolds to me known to be the identical person who signed the name of the maker thereof to the foregoing Release and Agreement as its Senior Vice President and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed for such corporation for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.

Richard W. Whitaka
Notary Public

My commission expires:

5-10-86
(SEAL)

STATE OF Utah)
) ss.
COUNTY OF Duchesne)

Before me the undersigned, a Notary Public in and for said county and state on this 12th day of August, 1983, personally appeared Lloyd Walker known to be the identical person who executed the foregoing Release and Agreement and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.

Mark Alton
Notary Public

My commission expires: My Commission Expires Dec. 22, 1986

(SEAL)

STATE OF Utah)
) ss.
COUNTY OF Duchesne)

Before me, the undersigned, a Notary Public in and for said county and state on this 12th day of August, 1983, personally appeared Peggy Walker to me known to be the identical person who executed the foregoing Release and Agreement and acknowledged to me that she executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.

Mark Alton
Notary Public

My commission expires: My Commission Expires Dec. 22, 1986