

FILE NOTATIONS

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

Checked by Chief *AMB*
Approval Letter 10-16-72
Disapproval Letter

COMPLETION DATA:

Date Well Completed 12-18-72

OW..... 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.....

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

SUBMIT IN ORIGINAL AND
COPIES TO THE DIVISION OF
OIL & GAS

5. Lease Location

6. If Induced Activity

7. Unit Agreement No.

8. Farm or Lease Name

9. Well No.

10. Field or Pool, or Well

11. Section, R. M., or B. and Survey or Area

12. County or Parish

Duchesne, Utah

17. No. of acres assigned to this well

20. Rotary or cable tools

22. Approximate Date

October 20, 1972

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DRILL

DEEPEN

PLUG BACK

Gas Well

Well

Single Zone

Multiple Zone

Name of Operator

MAPCO Inc. et al.

Address of Operator

Suite 320, Plaza West,
1537 Avenue B Billings, Montana 59102

General Well (Report location clearly in accordance with State requirements.)*

SW/4 NE/4 (2347' ENE - 1715' ELL) Section 5, T. 1 S.,
R. 3 W., U.S.M., Duchesne County, Utah

Proposed prod. zone

Same

SESWNE

Distance and direction from nearest town or post office*

3-1/2 miles Northeast of Altonah, Utah

Distance from proposed location to nearest

lease line, ft.

679'

distance from proposed location to nearest

drilling, corrected, ft.

--

16. No. of acres in lease

366.60

19. Proposed depth

18,000'

17. No. of acres assigned to this well

686.60

20. Rotary or cable tools

Cable to 5000'; Rotary: 5000'

Indicate whether RT, GR, etc.)

6644' GR

PROPOSED CASING AND CEMENTING PROGRAM

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

The section 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 (revised)
9.1.72

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and location of well, and if to deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths.

[Signature]

Manager of Operations
Northern District

October 20, 1972

43-013-30165

Approval Date

Approved by

Title

Date

See Instructions On Reverse Side

POOR COPY

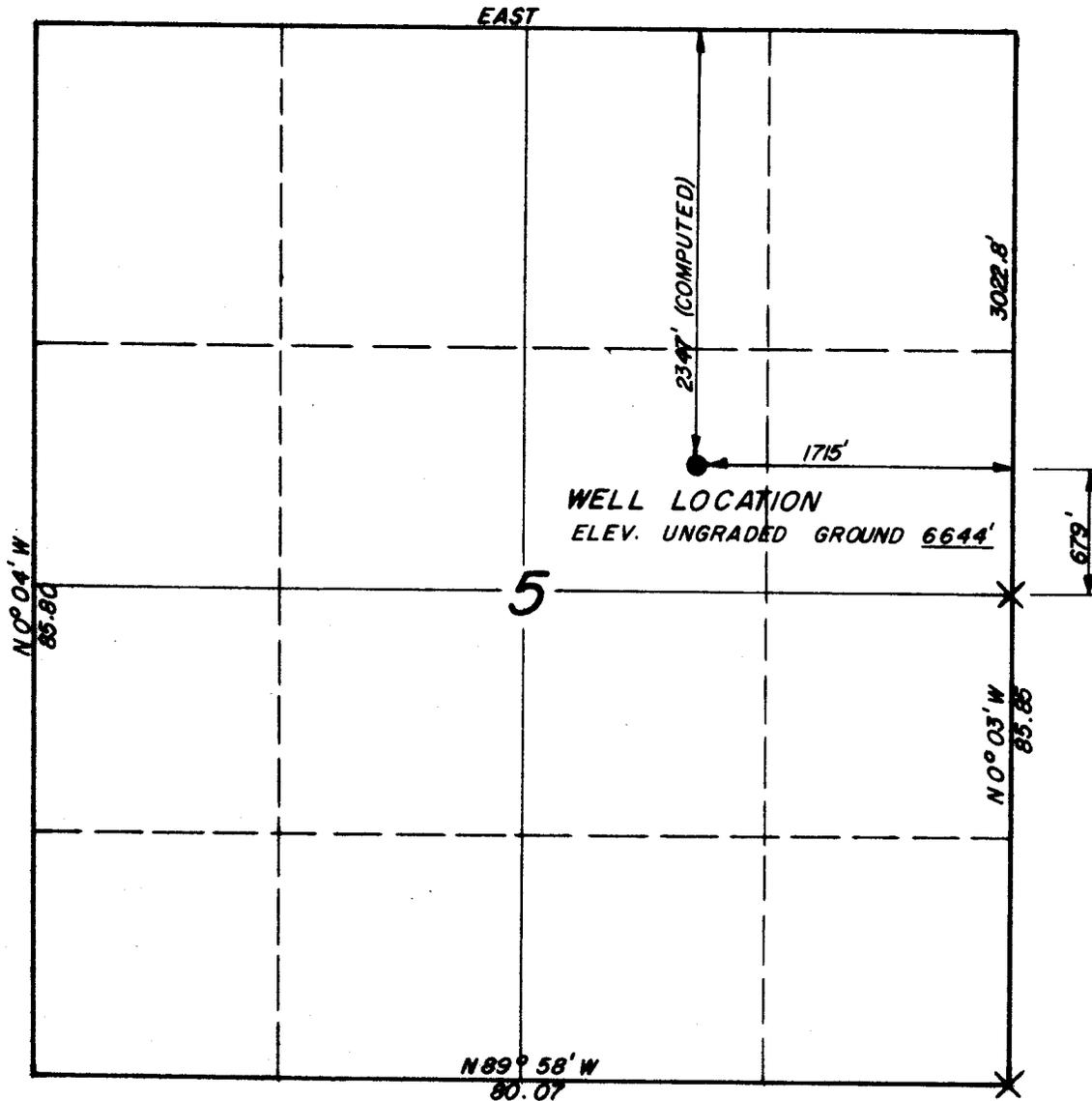
Accepted Due To Topography

T1S, R3W, U.S.M.

PROJECT

MAPCO OIL COMPANY

WELL LOCATED AS SHOWN IN THE SW 1/4
NE 1/4 SECTION 5, T1S, R3W, U.S.M.,
DUCHESENE 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.

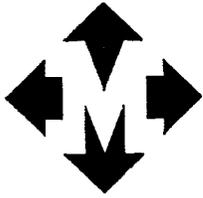
Lawrence C. Kay

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



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, Geologist

LBM:awm

Enclosures

October 16, 1972

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

Re: Well No's:
Dennie Ralphs #1-1
Sec. 1, T. 1 S, R. 4 W,
Dennie Ralphs #1-5
Sec. 5, T. 1 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the topographic exception outlined in the Order issued in Cause No. 139-8, dated September 30, 1972.

Should you determine that it will be necessary to plug and abandon these wells, 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 these wells are:

#1-1:	43-013-30164
#1-5:	43-013-30165

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

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, Ralphs 1-1
Sec. 1, T. 1 S., R. 4 W., USM
MAPCO Inc. Et al, Ralphs 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) Ralphs 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) Ralphs 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

2789 03 150

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 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.)

<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, 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 (2347' FNL - 1715' FEL) Sec. 5, T. 1S., R. 3 W., USM, Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30165</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.</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. 1-5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5 T. 1 S., R. 3 W., USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
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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:

11-30-72 Drilling and under-reaming for 14" pipe.

T.D. 333'

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)

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, 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 (2347' FNL - 1715' FEL) Sec. 5, T. 1 S., R. 3 W., USM, Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30165	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.	9. WELL NO. 1-5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 5 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) <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.)*

Proposed 18,000' Oil Well

October Report:

10-20-72 Started moving and rigging up cable tools.

10-23-72 Spudded and set 8' - 16" conductor.

10-26-72 Ran 30' 13-3/8" casing.

10-31-72 Drilling bentonite - TD 50'.

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)

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 (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM, Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30165</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 - 5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA Sec. 5 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, GR, etc.) 6644' 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) <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.)*

DECEMBER REPORT:

12-31-72 T.D. 390'. Drilling shale.
Note: Drove 14' casing to 324'.

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

SIGNED E. J. Milt 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 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 - 5
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 (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah		11. SEC., T., R., M., OR BLD. AND SURVEY OR AREA Sec. 5 T. 1 S., R. 3 W., USM
14. PERMIT NO. 43-013-30165	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.	12. COUNTY OR PARISH 13. STATE Duchesne Utah

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

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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.)*

FEBRUARY REPORT:

2-28-73 T.D. 440'; drilling and cleaning out cavings.

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:

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.)

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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
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		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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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.)	

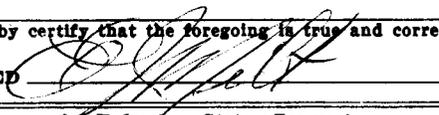
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

MARCH REPORT:

3-31-73: T.D. 467'; drilling and cleaning out cavings.

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

SIGNED



Manager of Operations

TITLE Northern District

DATE April 13, 1973

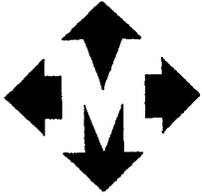
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



mapco
INC.

PRODUCTION DIVISION

April 27, 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

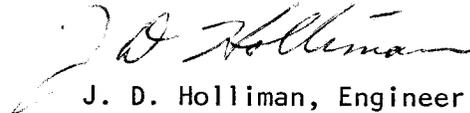
Gentlemen:

Enclosed you will find three (3) copies of a Revised Application For Permit to Drill for MAPCO Inc., et al, SW/4 NE/4 (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., U.S.M., Duchesne County, Utah.

The rotary rig originally scheduled for this well is not available at this time. Therefore, an alternate rig (Parker Drilling Company Rig No. 118) has been scheduled for this well. The primary difference lies in the blowout prevention equipment to be utilized.

Sincerely yours,

MAPCO INC.


J. D. Holliman, Engineer

JDH:awm

Enclosures

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

REVISED:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL DEEPEN PLUG BACK

b. Type of Well
 Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
 MAPCO Inc., 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.)*
 At surface SW/4 NE/4 (2347' FNL & 1715' FEL) Section 5,
 At proposed prod. zone T. 1 S., R. 3 W., U.S.M., Duchesne County, Utah
 Same

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 - 5

10. Field and Pool, or Wildcat
 Altamont

11. Sec., T., R., M., or Blk. and Survey or Area
 Sec. 5, T. 1 S., R. 3 W., U.S.M.

12. County or Parrish
 Duchesne, Utah

13. State
 Utah

14. Distance in miles and direction from nearest town or post office*
 3-1/2 miles Northeast of Altonah, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
 679'

16. No. of acres in lease
 366.60

17. No. of acres assigned to this well
 686.60

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

19. Proposed depth
 17,300'

20. Rotary or cable tools
 Cable Tools Surface to 490'; rotary 490' to 17,300'.

21. Elevations (Show whether DF, RT, GR, etc.)
 6644' GR

22. Approx. date work will start*
 Cable tools 10-20-72; Rotary 5-15-73

23. PROPOSED CASING AND CEMENTING PROGRAM

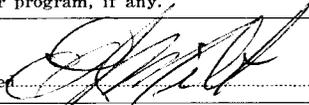
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13-3/4"	10-3/4"	Mixed	3000'	as required
8-3/4"	7-5/8"	Mixed	15,300'	as required
6-1/2"	5-1/2" (liner)	23 #/ft. P-110	17,300'	as required

That portion of the hole from surface to 490' was drilled with cable tools. Rotary drilling equipment will be used from 490' to 17,300', which includes the following B.O.P. equipment: one 13-5/8", 5000 psi Hydril; one 13-5/8", 5000 psi single gate Shaffer LWS with 4" flanged side outlets; and one 13-5/8", 5000 psi dual gate Shaffer LWS. Other equipment will include (1) a recording pit level indicator with warning device, (2) mud volume measuring device and, (3) a mud return indicator.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 5-1-73
 BY C.B. Ferguson

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

24.  Manager of Operations
 Northern District
 Title
 Date April 27, 1973

(This space for Federal or State office use)

Permit No. Approval Date

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.

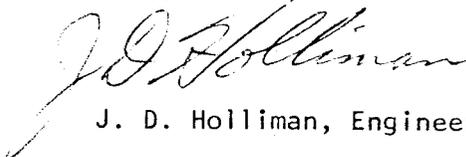
Also enclosed are Sundry Notices on the following drilling wells in Duchesne County:

~~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

(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., 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 (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30165		9. WELL NO. 1 - 5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5 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.)*

APRIL REPORT:

4-1-73 thru
4-16-73: T.D. 490'; drilling.
4-16-73: Rig down and moving off cable tools.
4-30-73: Waiting on rotary tools.

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

SIGNED [Signature] TITLE Manager of Operations Northern District DATE May 14, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

P I
P I

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. 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 (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM, Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs	
14. PERMIT NO. 43-013-30165		9. WELL NO. 1 - 5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5 T. 1 S., R. 3 W., USM	
		12. COUNTY OR PARISH Duchesne	13. STATE 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) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

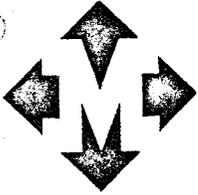
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

JUNE REPORT:

6-1-73 thru
6-5-73: T.D. 2870'; drilling Duchesne River formation.
6-6-73: T.D. 2987'; ran 96 joints, 10-3/4", 45.50#, K-55, STC casing (2897' total). Landed at 2867' with Halliburton guide shoe at 2867' and Halliburton float collar at 2832'. Cemented with 500 sax of BJ cement, 12.4 ppg, 3% salt, 1% CaCl₂ and tailed in with 127 sax class "G" cement, 8% salt, 1% CaCl₂. Displaced cement with 276 bbls. water. Plug didn't bump. Overdisplaced with 14 bbls. water. Held pressure for 4 hours. Full returns through 3/4 job and then no returns. Hole stayed full throughout job. Could not get 1" down annulus. Welded 2" nipple to pump down annulus. Pumped 250 sax class "G", 12% gitseal, 7% CaCl₂ down annulus. Displaced at 2 bbl./min. and 500 psi. Shut down 30 min. Pressure bled off. Pumped 330 sax class "G", 12% gitseal, 3% CaCl₂ down annulus. Pressure increased from 750 psi to 900 psi. Shut in pressure 500 psi. Held OK. Job completed 4:30 AM.
6-7-73: T.D. 2870'; W.O.C. Tested B.O.P. to 5000 psi and Hydril to 3000 psi.
6-8-73 thru
6-30-73: T.D. 8452'; drilling Duchesne River and Green River formations.

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:



mapco
INC.

PRODUCTION DIVISION

January 17, 1974

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

ATTENTION: Mr. Paul Burchell

Re: MAPCO, D. RALPHS NO. 1-5
Sec. 5, T. 1 S., R. 3 W., USM
and
MAPCO, CARMAN NO. 1-7
Sec. 7, T. 2 S., R. 5 W., USM
Duchesne County, Utah

Gentlemen:

Enclosed please find two (2) copies each Well Completion Report and Log for the above captioned wells.

Sincerely yours,

MAPCO INC.

J. D. Holliman
J. D. Holliman, Engineer

/awm

Enclosures

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., 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 (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs	
14. PERMIT NO. 43-013-30165		9. WELL NO. 1 - 5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5, T. 1 S., R. 3 W., USM	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

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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.)*

JULY REPORT:
7-1-73 thru
7-31-73: T.D. 12,197'; drilling Green River and Lower Green River formations.
SAMPLE TOP LOWER GREEN RIVER MARKER 1: 11,504 (-4839) feet.

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:

P. Mills

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.)

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14. PERMIT NO. 43-013-30165		9. WELL NO. 1 - 5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR ARRA Section 5 T. 1 S., R. 3 W., USM	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

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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.)*

AUGUST REPORT:

8-1-73 thru
8-31-73: T.D. 13,837'; drilling Green River and Wasatch Beds Beds formations.

SAMPLE TOPS:

Upper Wasatch Transition	12,900 (-6235) feet
Wasatch Red Beds	12,982 (-6317) feet

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

SIGNED <u><i>[Signature]</i></u>	TITLE <u>Manager of Operations</u> <u>Northern District</u>	DATE <u>September 10, 1973</u>
<small>(This space for Federal or State office use)</small>		
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

(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., 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 (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM, Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30165		9. WELL NO. 1 - 5
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6644' Gr.		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH Duchesne
		13. STATE 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) <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.)*

SEPTEMBER REPORT:

9-1-73 thru
 9-28-73: T.D. 15,173'; drilling Wasatch Red Beds formation from 13,837'.
 9-29-73: T.D. 15,183'; broke circulation at 7000' and 12,000'. Working stuck pipe/loss and washing 569' out of hole.
 9-30-73: T.D. 15,183'; reaming and washing up hole. Lost returns and pumped down LCM pill; pulled 15 stands; pumped down annulus and drill pipe; no returns; building volume. Lost total 1200 bbls.

18. I hereby certify that the foregoing is true and correct
 SIGNED Edwin J. Mill TITLE Manager of Operations Northern District DATE October 15, 1973
 (This space for Federal or State office use)

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

FORM OGC-8-X
FILE IN QUADRUPLICATE

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. 1-5

Operator MAPCO Inc.

Address Suite 320 Plaza West
1537 Avenue D, Billings, Montana 59102

Contractor Parker Drilling Company

Address 518 National Bank of Tulsa Building
Tulsa, Oklahoma 74103

Location SW 1/4, NE 1/4, Sec. 5, T. 1 N., R. 3 E., Duchesne County.
S. W.

Water Sands: None encountered

	Depth:		Volume:	Quality:
	From -	To -		
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops: (Sample)

Lower Green River Marker 1:	11,504 (-4839) feet
Upper Wasatch Transition:	12,900 (-6235) feet
Wasatch Red Beds:	12,982 (-6317) 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.

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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, 1537 Avenue D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW/4 NE/4 (2347' FNL-1715' FEL)
At top prod. interval reported below Sec. 5, T. 1 S., R. 3 W., USM
At total depth Duchesne County, Utah

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.
1-5

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 5
T. 1 S., R. 3 W., USM

14. PERMIT NO. 43-013-30165 DATE ISSUED 10-16-72

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 10-23-1972 16. DATE T.D. REACHED 11-26-1973 17. DATE COMPL. (Ready to prod.) 12-18-1973 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6644 G.L.-6665 K.B. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 17,360' 21. PLUG, BACK T.D., MD & TVD 17,350' 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY → 490-17,360' ROTARY TOOLS SURF.-490' CABLE TOOLS

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 BHC Sonic-Gamma Ray-Caliper, Dual Induction Laterolog 8, FDC-CNL-Gamma Ray-Caliper.

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	45.5	2,867'	12-1/4"	1472 sacks	
7-5/8"	26.4, 29.7	15,345'	8-3/4"	2390 sacks	
	33.7 & 39.0				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	15,010	17,350	None	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5,004	
2-7/8"	15,002	15,002

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 12-18-73 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-10-74	24	8/64	→	680	163	0	240

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
4700		→	680	163	0	41.2

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and vented.

TEST WITNESSED BY
Craig Phillips

35. LIST OF ATTACHMENTS

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

SIGNED Edwin J. Milt TITLE Manager of Operations Northern District DATE January 16, 1974

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 33, below regarding separate reports for separate completions. 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	TOP
		MEAS. DEPTH	TRUE VERT. DEPTH
		Lower Green River	11,356 - 4,691
		Top Wasatch Red Beds	12,982 - 6,317
		Base Wasatch Red Beds	15,516 - 8,851

JAN 21 1974

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 <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 - 5
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 5 T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH
		18. STATE

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

DECEMBER REPORT CONTINUED --

12-17-73: T.D. 17,360'; flowed 698 barrels oil in 12-1/2 hours through choke sizes 8/64" to 12/64" at 4950 - 5050 psi FTP.

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 TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 5 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.)*

DECEMBER REPORT CONTINUED --

12-11 thru 12-13-73: T.D. 17,360'; ran 493 joints 2-7/8", 6.5#, N-80, Nu-lock tubing plus three subs (1-10', 1-4', 1-3'). Hydro tested each joint to 10,000 psi. Total tubing tally is 14,985.40 for 493 joints plus 3 subs. Circulated hole with treated 10 ppg CaCl₂ water. Latched into Otis W.B. packer and set 8000# on seal assembly. Ran 162 joints 2-3/8", 4.70# Armco Seal-lock J-55 tubing. Total tubing tally 4,982.68. Removed BOP and installed OCT type U-60, 8" 5000# x 2-9/16" 10,000# tree. Test tree to 5000#. Pressure test 7-5/8 x 2-7/8 annulus to 2500 psi. Pressure tests held OK. 2-7/8 Prod string set 15,002' KB, 2-3/8 Heat string set at 5,004 KB. Otis W.B. Prod packer overall length 34.50. Otis seal assembly and J-latch overall length 5.14. Preparing to bring well on production.

12-14 & 15-73: T.D. 17,360'; shut in; waiting on battery completion.

12-16-73: T.D. 17,360'; pulled plug from Otis nipple at 1:00 AM. Turned well to pit for clean up at 2:30 AM. Well unloaded water and mud from liner and tubing in 2 hours. Had 50' flare in pit at end of 2 hours. Flowing tubing pressure on 24/64" choke at end of 2 hours at 2400 psi. Shut well in at 5:15 AM. SITP, 5 min., 6200 psi; SITP 7 mins., 6250 psi; SITP 15 min., 6250 psi.

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)

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 NE (2347' FNL - 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30165</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 - 5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5 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.) 6644' 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.)*

DECEMBER REPORT:

12-1-73: T.D. 17,360'; Completed trip in with 5-1/2" liner. Circulated 4 1/2 hours. Hung liner with shoe at 17,350', and top of liner at 15,010'. Slugged drill pipe with 16.8 ppg mud and tripped out of hole. Rigged up Oil Well Perforators, Inc. and ran J-Latch seal assembly and 7-5/7" Otis type "WB" permanent packer with mill out extension, two X-nipples and N-nipple on wireline. Set Otis packer at 15,002'. Rigged down OWP. Tripped in hole with 3-1/2" drill pipe and circulated open ended at 15,000'. Background gas reached maximum 2600 units, mud cut 14.2 to 13.8 ppg.

12-2-73: T.D. 17,360'; laying down 3-1/2" drill pipe. Circulated bottoms up at 15,000'. Displaced mud in 7-5/8" casing at 15,000' with fresh water. Circulated water 1/2 hour after displacing. Tripping out laying down 3-1/2" drill pipe. Background gas decreased from 700 to 0 units while circulating.

12-3 thru 12-7-73: T. D. 17,360'; laid down drill pipe and drill collars and kelly. Nippling down BOP's, installing OCT christmas tree and cleaning mud pits, mud tanks; rigging down rotary tools. Rig released 12 Noon, 12-4-73.

12-8 thru 12-10-73: T.D. 17,360'; rigging up Ford Tool Company to complete well. Installed deadmen and cleaned location; waiting on Hydro Testers to run 2-7/8" tubing.

-- CONTINUED ON PAGE 2 --

18. I hereby certify that the foregoing is true and correct
 SIGNED Edwin J. Mitt TITLE Manager of Operations Northern District DATE January 4, 1974

(This space for Federal or State office use)

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

PI

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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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 (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Dennie Ralphs
14. PERMIT NO. 43-013-30165	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' G.L.	9. WELL NO. 1 - 5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5 T. 1 S., R. 3 W., USM
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		13. STATE Utah

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NOVEMBER REPORT:

11-1 thru
11-26-73: T.D. 17,360'; drilled from 15,957' to T.D., Wasatch formation. Reached T.D. 6:30 P.M., 1126-73. SLM out of hole to log - no correction.

11-27 &
28-73: T.D. 17,360'; Schlumberger ran BHC Sonic-Gamma Ray-Dual Induction Laterolog 17,343 to 15,342'. Quality of Sonic was poor. Hit bridge at 17,170'; could not work through. Tripping in hole with D.P. to clean out bridge at 17,170'.

11-29-73: T.D. 17,360'; Schlumberger ran the following suite of logs: FDC-CNL with GR 17,350'-15,342', BHC Sonic-GR 17,350-15,342' and Dipmeter 17,350-15,342'. Circulated and conditioned hole at 17,360' to run 5-1/2" liner.

11-30-73: T.D. 17,360'; picked up 77 joints of 5-1/2", 22.54#, P-110 Hydril SFJ-P liner (2339.76'), 5-1/2" x 7-5/8" TIW liner hanger with segmented pack off and tie back sleeve. Tripping in with 5-1/2" liner on 3-1/2" D.P.

18. I hereby certify that the foregoing is true and correct
 SIGNED Edwin J. Mill TITLE Manager of Operations Northern District 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 TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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<p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</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.)		

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OCTOBER REPORT - CONTINUED ---

10-18 thru
10-31-73: T.D. 15,986'; drilling Wasatch Red Beds formation.

SAMPLE TOP: BASE WASATCH RED BEDS: 15,516' (-8851')

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:

*See Instructions on Reverse Side

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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14. PERMIT NO. 3-013-30165	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.	9. WELL NO. 1 - 5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SURVEY OF AREA Section 5 T.1 S., R. 3 W., USM
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SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
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OCTOBER REPORT:

10-1 thru
10-5-73: T.D. 15,375'; drilling Wasatch Red Beds.

10-6 thru
10-10-73: T.D. 15,375'; ran the following Schlumberger logs: BHC Sonic Gamma Ray with caliper 15,342-2867'; Dual Induction Laterolog 15,199-2867'; and Compensated Formation Density and Compensated Neutron Formation Density 15,276-7500'.

10-11 thru
10-12-73: T.D. 15,375'; ran 372 joints 7-5/8" 26.40, 29.70, 33.70 & 39.00# casing. Set and cemented at 15,372', float collar at 15,327'. Cemented with 1399 sacks BJ Lite followed by 250 sacks class "G" cement. Displaced with 740 barrels mud, 8 barrels per minute with full returns for 1 1/2 hours, then partial returns for balance of job.

10-13- thru
10-16-73: T.D. 15,375'; nipling up on 9-5/8" casing; testing BOP with yellow jacket-5000 psi; OK; picked up drill pipe, drill collars and jars.

10-17-73: T.D. 15,375'; tagged cement at 15,262'; drilled good hard cement to 15,329'; drilled float collar at 15,329'; pressure tested 7-5/8" casing to 800 psi with 9.5 ppg mud in hole. Drilled good, hard cement to 15,350'.

-----CONTINUED ON PAGE 2-----

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

Manager of Operations
Northern District

SIGNED Edwin J. Milt

TITLE

DATE November 12, 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)

SUNDRY NOTICES AND REPORTS ON WELLS

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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 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) _____

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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.)*

11-7-74 T.D. 17,360'; shut in well at 9:00 a.m. 11-7-74 for acid treatment. Pressure test lines to 8000 psi. BJ acidized with 2500 gallons 12% HCL-3% HF containing the following BJ additives:
8 gallons C-15 inhibitor, 10 gallons J-22 surfactant, 8 gallons G-10 friction reducer, 12 gallons D-12 foaming agent. Displaced acid with 132 barrels formation water. Injected 300 SCF nitrogen per barrel acid and flush.

Well clean up details after acid treatment are as follows:

12:15 p.m. S.I.P. 1200 psi
 12:15 p.m. Open well up to pit with choke full open.
 12:30 p.m. F.T.P. 100# psi with choke open -well flowing water and nitrogen
 12:45 p.m. F.T.P. 100# psi with choke open -well flowing water and nitrogen
 1:00 p.m. F.T.P. 100# psi with choke open -well flowing water, oil, and nitrogen
 1:15 p.m. F.T.P. 0# psi with choke open -well not flowing
 1:30 p.m. F.T.P. 0# psi with choke open -well not flowing
 1:45 p.m. F.T.P. 300# psi with choke open -well flowing acid water and nitrogen

-- CONTINUED ON PAGE 2 --

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

SIGNED *James M. Model* for Manager of Operations TITLE Northern District DATE January 7, 1975
J. D. Holliman

(This space for Federal or State office use)

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

STAT. 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"/> 2. NAME OF OPERATOR MAPCO Inc. 3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW NE (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah 14. PERMIT NO. 43-013-30165 15. ELEVATIONS (Show whether dr, rt, or, etc.) 6644' 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 - 5 10. FIELD AND POOL, OR WILDCAT Altamont 11. SEC., T., R., M., OR B.LK. AND SUBVY OR AREA Section 5 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 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:

2:00 p.m. F.T.P. 400# psi with choke open -well flowing oil and acid water
 2:15 p.m. F.T.P. 200# psi with choke open -well flowing oil and acid water
 2:30 p.m. F.T.P. 200# psi with choke open -well flowing oil and acid water
 2:45 p.m. F.T.P. 350# psi with choke open -well flowing oil and acid water
 3:00 p.m. F.T.P. 500# psi with choke open -well flowing oil and acid water
 3:15 p.m. F.T.P. 500# psi on 30/64" choke -well flowing oil and gas
 3:30 p.m. F.T.P. 850# psi on 19/64" choke -well flowing oil and gas

Switched from pit to treater on 16/64" choke with F.T.P. 975 psi at 3:35 p.m., 11-7-74.

12-12-74

T.D. 17,360'; rigged up B.J. to pump 5,000 gallons 15% HCL, 3% HF, containing 15 gallons C-15, 15 gallons J-22, 40 gallons D-12. Pumped 60 barrels at 1 1/2 barrels per minute at 7,400 psig. Bled back 10 barrels to 2,400 psig. Shut in. Pressure increased to 6,900 in 5 minutes. Pumped 40 barrels at 1 1/2 barrels per minute. Bled back to 2,400 psig. Shut in for 5 minutes. Pressure increased to 6,900 psig. Pumped 40 barrels at 2 barrels per minute at 7,400 psig and finished job. Let soak for one hour, turned to pit, flowed back for 30 minutes and died. Shut in well. Opened at 10:00 PM with 800 psig, well died immediately.

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

SIGNED _____	/for _____	TITLE <u>Manager of Operations</u>	DATE <u>January 7, 1975</u>
_____		_____	_____
L. D. Holliman		Northern District	

(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

(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 (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30165</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 - 5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Section 5 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, CR, etc.) 6644' 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"/>	FULL 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:

12-15-74 T.D. 17,360'; rigged up Go International. Ran correlation log from 17,312' to 14,910'. Had 38' fill in liner.

12-16-74 T.D. 17,360'; GO International perforated the following zones, 2 shots per foot, December 16, 1974, with a select fire 2" premium charge through tubing gun:

	Pressure after perforating
17,195-17,200' ✓	300# PSI
17,100-17,105'	300# PSI
16,820-16,825'	300# PSI
15,564-16,569'	300# PSI
16,315-16,320'	300# PSI
16,145-16,150' ✓	300# PSI

Tubing pressure before perforating 300 psi. Note depths are BHC Sonic-GR depths. Turned well to pit. Well died in 1 minute. Well opened all night, no pressure and no fluid recovered.

12-17-74 T.D. 17,360'; rigged up B. J. Pressured up lines to 7,500 psi. Pumped 2,500 gallons 12% HCL-3% HF acid containing 8 gallons C-15, 8 gallons J-22, 20 gallons D-12. Injected 300 cubic feet N₂ per barrel of acid

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

SIGNED I. D. Holliman /for Manager of Operations TITLE Northern District DATE January 7, 1975

(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
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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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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 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:

and flush. Displaced acid to perforations. Pumped 30 barrels acid away at 3½ barrels per minute at 7,000 psi. Shut down. Bled back 10 barrels. Shut in well. Pressure built to 200 psi in 4 minutes. Pumped 40 barrels away at 5 barrels per minute, increased to 5.5 barrels per minute at 6,500 psi. Shut in for 10 minutes. Pressure dropped to 2,200 psi. Opened well to pit on 6/64" choke for 15 minutes. Pressure dropped to 1,300 psi. Opened well to 45/64" choke. Pressure dropped to 0 psi in 1 hour. Well died for 10 minutes, then came to life. Flowed for 2 hours. Well died again for 5 minutes. Then well began making acid water and oil. Flowed well to pit for 1 hour. Then turned well through treater on 16/64" choke with 300 psi tubing pressure.

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

SIGNED J. D. Holliman /for

TITLE Manager of Operations Northern District

DATE January 7, 1975

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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 (2347' FNL & 1715' FEL) Section 5, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30165</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 - 5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 5 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.) 6644' 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"/>	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 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.)*

Propose to pump 5,000 gallons 12% HCL, 3% HF containing 15 gallons C-15, 15 gallons J-22, 50 gallons D-12.

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

SIGNED *Agnes N. Model* for Manager of Operations TITLE Northern District DATE January 9, 1975
J. D. Holliman

(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. <input checked="" type="checkbox"/> OIL WELL <input 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 (2347' FNL & 1715' FEL)</p> <p>14. PERMIT NO. 43-013-30165</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 - 5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Section 5 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.) 6644' Gr.</p>			

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input checked="" 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) <input type="checkbox"/>	Perforate <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.)*

- 1-10-75: Acidized with 5000 gals 12% HCl - 3% HB containing 300 SCF N₂/bbl. and used 90 7/8" balls; increased production from 279 to 1029 BOPD.
- 2-25-75: Acidized with 2500 gals. foamed 12% HCl - 3% HF containing 400 SCF N₂/bbl; increased production from 233 to 430 BOPD.
- 5-17-75: Acidized with 5000 gals foamed 12% HCl - 3% HF containing 300 SCF N₂ per barrel and used 60 7/8" RCN balls; production at 371 BOPD.
- 6-14-75: Perforated the following intervals with 2 SPF using 22.7 gram ceramic charges in a 2-1/8" formed wire gun: 16,829-834'; 16,793-798'; 16,571-576'; 16,466-471'; 16,153-158'; 16,268-273'; 16,104-109'; 15,996-16,002'; 16,047-052'; 15,623-628'.
- 10-25-75: Install gas lift valves and Ajax Compressor.
- 4-6-76: Pumped 1000 gallons 15% HCl acid to remove scale from tubing; increased production from 130 to 260 BOPD.

18. I hereby certify that the foregoing is true and correct
 SIGNED James H. Modell 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:

*See Instructions on Reverse Side



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2487
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 7-11-75
 RESULTS REPORTED 7-16-75

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY Mapco LEASE Ralphs WELL NO. 1-5
 FIELD _____ COUNTY _____ STATE _____
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION _____ TOP _____
 REMARKS _____

SAMPLE TAKEN BY _____

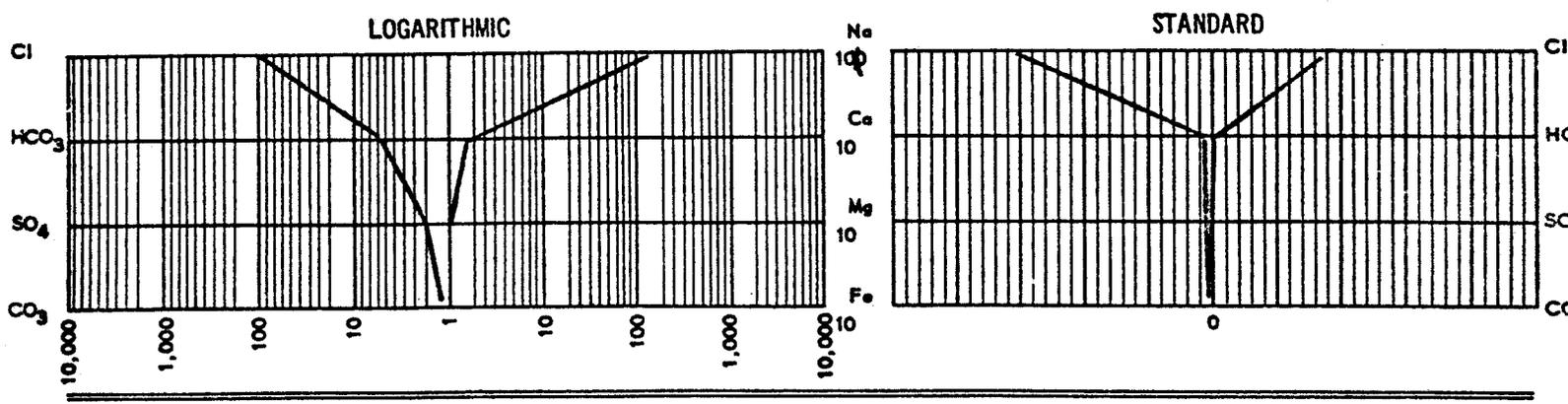
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0012 pH 8.40 RES. 1.00 OHM METERS @ 77° F

TOTAL HARDNESS 106.0 mg/L as CaCO₃ TOTAL ALKALINITY 382.0 mg/L as CaCO₃

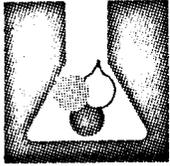
CONSTITUENT	MILLIGRAMS PER LITER mg/L.	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	34.0	1.70		
MAGNESIUM - Mg ++	5.07	0.42		
SODIUM - Na +	3500.0	152.17		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	0.12	0.004	154.29	
BICARBONATE - HCO ₃ ⁻	354.0	5.80		
CARBONATE - CO ₃ ⁻⁻	28.0	0.93		
SULFATE - SO ₄ ⁻⁻	84.0	1.75		
CHLORIDE - CL ⁻	3198.7	90.10	98.58	
TOTAL DISSOLVED SOLIDS	5430			

MILLEQUIVALENTS PER LITER



ANALYST _____

CHECKED _____



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2247
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 5-5-75
 RESULTS REPORTED 5-6-75

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY Mapco Production Inc. LEASE Ralps WELL NO. 1-5
 FIELD _____ COUNTY _____ STATE _____
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION _____ TOP _____
 REMARKS _____

SAMPLE TAKEN BY Floyd Collett

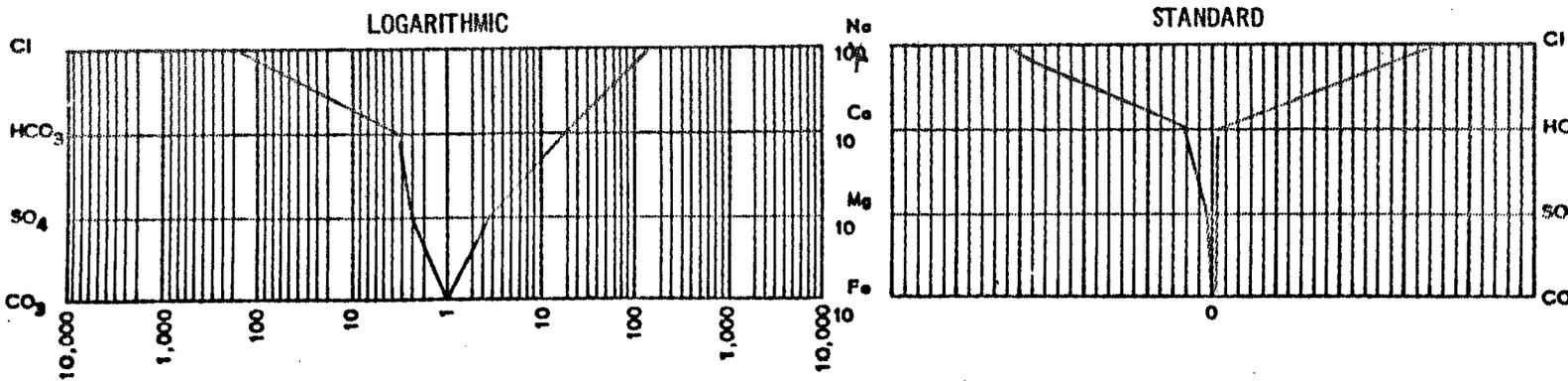
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0022 pH 7.59 RES. .60 OHM METERS @ 77°F

TOTAL HARDNESS 1252.38 mg/L as CaCO₃ TOTAL ALKALINITY 270.0 mg/L as CaCO₃

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	418.0	20.90		
MAGNESIUM - Mg ++	45.9	3.76		
SODIUM - Na +	3611.0	157.0		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	11.0	0.39	182.05	
BICARBONATE - HCO ₃ ⁻	270.0	4.43		
CARBONATE - CO ₃ ⁼⁼	0	0		
SULFATE - SO ₄ ⁼⁼	144.0	3.0		
CHLORIDE - CL ⁻	6102.6	171.90	179.33	
TOTAL DISSOLVED SOLIDS	12440			

MILLEQUIVALENTS PER LITER



ANALYST _____

CHECKED _____

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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		12. COUNTY OR PARISH Duchesne	18. STATE Utah

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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Perforate</u>	
(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.)*

10-5 thru 10-16-76: Pulled gas lift valves. When attempting to pull tubing stop, lost rope socket, sinker bar, spang jars, and wire scratcher and wireline. Recovered rope socket, sinker bar, spang jars and wire scratcher. Left wireline and tubing stop in hole. Treated with 3,000 gals. 15% HCl and 12,000 gals. formation water with additives, used 2,000# of TLC-80 as diverter.

2-17 thru 3-3-77: Again attempted to fish wire and tubing stop. Got blown uphole and lost a string of fishing tools and 12' of wire. Continued fishing and lost another string of tools and 15,000' of wire in hole. Recovered all of fish. Tagged TD at 17,108'. Dresser Atlas perfed 108' between 15,794 and 17,072'. Collar locator indicates there is much scale.

3-25-77: Halliburton acidized well with 28,000 gals. 7½% HCl with additives in 5 stages. Got good pressure breaks while pumping acid thru all stages. Well back on production 3-25-77.

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

SIGNED Agnes M. Model TITLE Geological Clerk & Secretary DATE May 17, 1977

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI
(Other instructions
verse side)

TE-
re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

CA #96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Dennie Ralphs

9. WELL NO.

1-5

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Section 5

T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

MAPCO INC.

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.*
See also space 17 below.)
At surface

SW NE (2347' FNL & 1715' FEL)

14. PERMIT NO.

43-013-30165

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

6644' GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Scale Removal

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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.)*

A severe scale problem has been discovered in the liner of this well. It is proposed to remove it mechanically by drilling and chemically by washing the liner with 28% acid. After cleaning out the liner, a spectrolog will be run to delineate any unperforated fractured zones. Those zones will be perforated and the well placed back on production using gas lift. If production is less than 250 BOPD it is proposed to acidize the well with 40,000 gals. of 15% HCl acid in multiple stages. Once the fines left by the cleanout and acidizing operations are removed by production, the gas lift system will be converted to a hydraulic lift system.



APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sept 12, 1978

BY: [Signature]

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

SIGNED

[Signature]

TITLE

Production Engineer

DATE

September 8, 1978

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Program:

1. Trip tubing, PU work string and packer plucker. RIH, mill and pluck Otis WB packer. Lay down WB packer, mill out extension, X nipples and N nipple.
2. PU and RIH 4½" sealed bearing Smith SDS or equivalent bit, three to four 3" drill collars and 4-5/8" casing scraper. Drill out scale using 9+ ppg polymer mud to liner shoe at 17,350'. POOH and lay down bit and collars.
3. RIH to 17,300' with tubing open-ended, spot 28% inhibited acid with penetrant across interval 17,300' to 15,100', release pressure and let acid flow back until balanced, displace acid back over interval, shut down and let the head equalize again. Continue washing action until near dark. Pull tubing above 15,100' and SDON.
4. Run tubing back to 17,300' and resume washing liner for four (4) hours then reverse spent acid out of hole. POOH.
5. Run Dresser Spectralog (if experience justifies) and perforate any indicated fracture zones.
6. Rerun production string with gas lift mandrels and valves in place and put well on test.

PROPOSED ACID STIMULATION⁽¹⁾
MAPCO, DENNY RALPHS 1-5A3

1. Pull gas lift valves with wireline truck and run blanking valves in their place.
2. Load annulus and pressure up to 1000 psi.
3. Acidize down tubing with 40,000 gal. 15% HCl in 20 stages using 1,000 gal. spacers with diverting materials. Over displace with 2,500 gal. water. All fluids shall contain 700 CF/bbl. N₂.
4. RIH with wireline, fish blanking valve from second mandrel @ 5347' and run a gas lift orifice in its place. This work needs to be accomplished quickly so the wireline unit should be rigged up with the tools in the lubricator.
5. Start compressor down annulus and open tubing to pit. Continue gas lifting and flowing until acid water is recovered and switch directly to storage until oil production cleans up. Then switch through the treater.

(1) This work contingent upon results of mechanical clean out.

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

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

CA # 96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

<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 (2347' FNL & 1715' FEL)</p>		<p>7. UNIT AGREEMENT NAME NA</p> <p>8. FARM OR LEASE NAME Dennie Ralphs</p> <p>9. WELL NO. 1-5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5 T. 1 S., R. 3 W., USM</p>
<p>14. PERMIT NO. 43-013-30165</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6644' Gr.</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 type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Scale Removal</u> <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.)*

1. Mechanically cleaned scale out of liner from 15148' to 17036' SLM.
2. Dresser Atlas ran Spectralog 17036' to 14450'.
3. Perforated: 16990-995, 16950-955, 16879-884, 16854-859, 16811-816, 16700-705, 16662-667, 16625-630, 16509-514, 16597-602, 16754-764, 16050-060, 15871-881, 16207-212, 16086-091, 16027-032, 16013-018, 15929-934, 15745-750, 15710-715.
4. Ran 7 5/8" Baker Lockset Packer, 2 3/8" Otis seal divider and Camco gas lift mandrels on 2 7/8" Nu-Lock tubing. Set packer at 14972'. Gas Lift mandrels at 3076', 5359', 6978', 8629', 9663', 10610', 11524', 12511', 13362', 14376' and 14906' with dummy valves.
5. Acidized with 40,000 gal. 15% M acid in 20 stages using Benzoic flakes for diversion.
6. Pulled dummy valves and ran gas lift valves.
7. Returned well to production.

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

SIGNED [Signature] TITLE District Engineer DATE 12-11-78

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 2347' FNL & 1715' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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 checked="" 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*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
CA 96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dennie Ralphs

9. WELL NO.
1-5

10. FIELD OR WILDCAT NAME
Altamont

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Section 5
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30165

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6644' GL

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

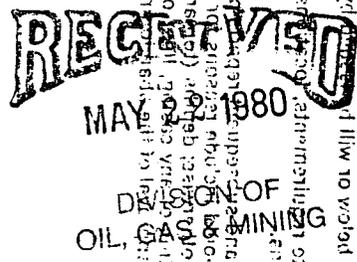
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

SEE ATTACHED PROCEDURE

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 5-28-80

BY: [Signature]



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

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

SIGNED Richard Baumann TITLE Engineering Tech. DATE 5/19/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RALPHS NO. 1-5
WORKOVER PROCEDURE
RED BEDS TESTING

Current Conditions

7-5/8" casing to 15,372'.
5-1/2" liner from 15,010'-17,350'. Uncemented.
Baker Lokset packer at 14,972' with National "V" cavity, OTIS seal divider.
491 jts 2-7/8" 6.5#, Nu-lock, 3', 6', and 8' sub.
200 jts 2-3/8" EUE 8rd with special clearance collars.
Perforations: 15,623'-17,200'.

Proposed Procedure

1. MIRU workover rig. Pull standing valve. Remove tree and NU BOP.
2. Pull 2-3/8" heat string.
3. Release Baker packer and POOH with 2-7/8" production tubing, hydraulic BHA, and packer.
4. RU wireline truck and run gauge ring with same OD as cement retainer to PBTD.
5. Run 2-7/8" tubing in hole with cement retainer on bottom joint. RIH to 15,575' and set cement retainer.
6. RU pump truck. Pump into formation, establishing rate. Pump enough cement to fill liner from PBTD to retainer. Use light cement (12.4#/gal slurry) and displace with water. Pull out of retainer and spot 10 sacks cement on same. POOH to 6000'. Swab FL down to 4000'. POOH.
7. RU wireline truck and run Cement Bond Log-Variable Density Log from 15,200' to 11,300'.
8. Run Gamma Ray Correlation Log from 15,500' to 11,300'. POOH.
9. Perforate 112' in Wasatch Red Beds using 4" casing gun loaded 2 spf. Use full lubricator. See attached list of perms. RD perforators.
10. If necessary, kill well. PU 7-5/8" Baker Lokset packer and hydraulic BHA with standing valve in place. RIH with 2-7/8" production tubing. Drift all tubing going in hole. Set packer at 13,000'.
11. Run heat string. ND BOP and NU wellhead. Pressure test standing valve. Release rig.
12. Circulate tubing to clean it up and then drop pump and put on production. Produce well to clean up prior to stimulation.
13. When well has cleaned up, surface pump. Pull standing valve and run acidizing sleeve.

14. Acidize well with 22,000 gal 15% HCl using Benzoic acid flakes and rock salt between stages for diversion. Increase amount of diverter if necessary to obtain maximum diversion. Use 500 SCF of N₂ per BBL of acid. Flush with formation water. Acid should also contain demulsifier, surfactant, corrosion inhibitor and iron sequestering agent.
15. Flow well back immediately after job.
16. When well quits flowing, pull acidizing sleeve and run standing valve. Pressure test standing valve. Drop pump and put on production.

Prepared By:
Gary L. Evertz
5-7-80

DENNY RALPHS NO. 1-5
PROPOSED PERFS - RED BEDS
BHC SONIC LOG DEPTHS

RED BEDS

15,408'-414'	6'
15,396'-402'	6'
15,086'-090'	4'
14,620'-628'	8'
14,442'-458'	16'
14,354'-358'	4'
14,342'-352'	10'
14,290'-294'	4'
14,056'-067'	11'
14,008'-012'	4'
13,680'-684'	4'
13,352'-366'	14'
13,336'-344'	8'
13,160'-167'	7'
13,149'-153'	4'
13,141'-143'	2'
	<u>112'</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 2347' FNL & 1715' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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 checked="" 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*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	<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.)*

Please see attached Recompletion Report

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Richard Baumann TITLE Eng. Technician DATE 7-29-80

(This space for Federal or State office use)

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

5. LEASE
CA 96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dennie Ralphs

9. WELL NO.
1-5

10. FIELD OR WILDCAT NAME
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 5
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30165

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6644' GL

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

MAPCO PRODUCTION COMPANY
PERFORATION RECORD
DENNIE RALPHS 1-5

Set cement retainer at 15,586'. Attempted to squeeze 95 sacks cement into liner, but cement u-tubed into casing while trying to spot it in tubing above retainer. Approximately 32-33 bbls of the 40-bbl cement slurry was reversed out. Seven to eight bbls or 18 sacks cement were squeezed into liner. Found no cement above retainer so attempted to sting into it for a second squeeze with no success. Spotted 10 sacks cement on top of retainer using dump bailer.

Perforated the following intervals, 2 spf:

15,408-414	6	14,056-067	11
15,396-402	6	14,008-012	4
15,086-090	4	13,680-684	4
14,620-628	8	13,336-344	8
14,442-458	16	13,149-153	14
14,354-358	4	13,141-143	2
14,342-352	10	13,352-356	4
14,290-294	4	13,356-366	10
		13,160-167	7

Acidized with 22,000 gal 15% HCl in 8 stages. Diverted between stages with benzoic acid flakes in gelled water. Acid contained 750 scf N₂/bbl. Avg rate - 5 BPM. Avg press - 7000 psi. ISIP - 5500 psi.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See instructions on reverse side)

Form approved
Budget Bureau No. 42-R355.5.

****REVISED****

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 Production Company
Alpine Executive Center

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface SW NE (2347' FNL & 1715' FEL), Sec 5, T1S, R3W, USM
 At top prod. interval reported below Same
 At total depth Same

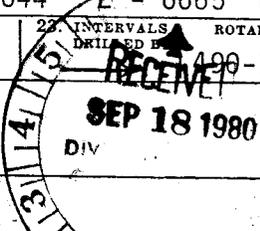
14. PERMIT NO. 43-013-30165 DATE ISSUED 10-16-72

15. DATE SPUNDED 10-23-72 16. DATE T.D. REACHED 11-26-73 17. DATE COMPL. (Ready to prod.) 7-19-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6644' L - 6665' KB 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 17,360' 21. PLUG, BACK T.D., MD & TVD 15,585' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 1990-17,360' CABLE TOOLS Surf-490'

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

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED No



28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	45.5	2867'	12-1/4"	1472 sacks	
7-5/8"	26.4, 29.7, 33.7, 39.0	15,345'	8-3/4"	2390 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
5-1/2"	15,010	17,350	None		SIZE: 2-3/8" (9874'), 2-7/8" (13,020')

31. PERFORATION RECORD (Interval, size and number)
SEE ATTACHED SHEET

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL (MD) SEE ATTACHED SHEET
 AMOUNT AND KIND OF MATERIAL USED _____

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) No production from workover WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
1 - Perforation Record

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

SIGNED Richard Brannan TITLE Engineering Tech. DATE 9-9-80

*(See Instructions and Spaces for Additional Data on Reverse Side) Rev. 9-15-80

MAPCO PRODUCTION COMPANY
PERFORATION RECORD
DENNIE RALPHS 1-5

6-11-80 ✓ Set cement retainer at 15,586'. Attempted to squeeze 95 sacks cement into liner, but cement u-tubed into casing while trying to spot it in tubing above retainer. Approximately 32-33 bbls of the 40-bbl cement slurry was reversed out. Seven to eight bbls or 18 sacks cement were squeezed into liner. Found no cement above retainer so attempted to sting into it for a second squeeze with no success. ✓ Spotted 10 sacks cement on top of retainer using dump bailer.

6-21-80 Perforated the following intervals, 2 spf:

15,408-414	✓ 6	14,056-067	11
15,396-402	6	14,008-012	4
15,086-090	4	13,680-684	4
14,620-628	8	13,336-344	8
14,442-458	16	13,149-153	14
14,354-358	4	✓ 13,141-143	2
14,342-352	10	13,352-356	4
14,290-294	4	13,356-366	10
		13,160-167	7

7-18-80 Acidized with 22,000 gal 15% HCl in 8 stages. Diverted between stages with benzoic acid flakes in gelled water. Acid contained 750 scf N₂/bbl. Avg rate - 5 BPM. Avg press - 7000 psi. ISIP - 5500 psi.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 2347' FNL & 1715' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
CA 96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dennie Ralphs

9. WELL NO.
1-5

10. FIELD OR WILDCAT NAME
Altamont

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Section 5
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30165

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6644' 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 checked="" 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*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

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

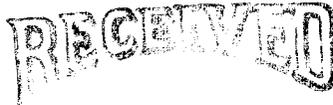
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

See attached procedure.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 11/13/80

BY: [Signature]



NOV 16 1980

DIVISION OF
OIL, GAS & MINING

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

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

SIGNED Richard Baumann TITLE _____ DATE 11/13/80

(This space for Federal or State office use)

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

Ralphs No. 1-5
Lower Green River Completion

AFE No.
Sundry Application

PROPOSED WORKOVER PROCEDURE

Current Conditions

7-5/8" casing to 15,372'.
5-1/2" liner from 15,010' - 17,350'. Uncemented.
Halliburton EZ Drill BP with cement on top at 15,585'.
7-5/8" Baker LocSet packer at 13,020' with National Dual String Pump Cavity, Otis seal divider.
427 joints 2-7/8", Nu-lock N-80 tubing.
323 joints 2-3/8", 8rd J-55 tubing and 99 joints 2-3/8", Sealock N-80 tubing.
✓ Perforations: 13,141' - 15,414'. 112' with 2 spf, .51" hole.

Proposed Procedure

1. MIRU workover rig. Surface pump and pull standing valve. Remove tree and NU BOP.
2. Pull 2-3/8" tubing.
3. Release Baker packer and POOH with 2-7/8" production tubing, hydraulic BHA, and packer.
4. RIH with tubing to PBTD. RU pump truck. Spot 9.5 ppg fresh water gel base mud from PBTD to 13,100', permanently abandoning the Red Bed perms. POOH with tubing to 6000'. Swab fluid down to 4000'. POOH.
5. RU wireline truck and run 7-5/8" W.L. bridge plug and set at 13,100'. Spot 25' cement on top of BP, using wireline dump bailer.
6. RU to perforate. Perforate 52' in the Lower Green River using 4" casing gun loaded 2 spf. Use full lubricator.

<u>BHC Sonic Depths</u>		<u>McCullough GR Log Depth</u>
12,810-816	6'	12,798-804
12,792-796	4'	12,780-784
12,764-768	4'	12,752-756
12,742-752	10'	12,730-740
12,700-706	6'	12,687-693
12,670-684	14'	12,657-671
12,600-608	8'	12,587-595
	<u>52'</u>	

- RD perforators.
7. If necessary, kill well. PU 7-5/8" Baker Locset packer and hydraulic BHA with standing valve in place. RIH with 2-7/8" production tubing. Drift all tubing going in hole. Set packer at 12,100'. Run 2-3/8" side string.
 8. Swab well to clean up prior to acidizing. Remove BOP and NU wellhead. Release rig.
 9. Acidize with 10,400 gal. 15% HCl using balls and Benzoic acid flakes to divert between stages. Maximum pressure 5000 psi. Acid to contain demulsifier, surfactant, scale inhibitor, corrosion inhibitor and iron sequestering agent. Leave well shut in overnight.
 10. Flow well back to pit.
 11. When well quits flowing, pull acidizing sleeve and run standing valve. Pressure test standing valve to 2000 psi. Drop pump and put on production.

GLE/ch
9-30-80

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

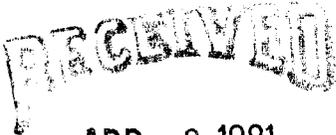
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. CA 96-000088
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR MAPCO Production Co.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1643 Lewis, Ste 202, Billings, MT 59102		8. FARM OR LEASE NAME Dennie Ralphs
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NE 1/4 2347' FNL & 1715' FEL		9. WELL NO. 1-5
14. PERMIT NO. 43-013-30165		10. FIELD AND POOL, OR WILDCAT Altamont
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6644' GL		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec 5, 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 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) <u>Abandon Tower zone</u>	
(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.)*

Please see attachment for details.



APR 8 1981

DIVISION OF
OIL, GAS & MINING

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

SIGNED Richard Baumann TITLE Engr. Tech. DATE 4-6-81

(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
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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.

Ralphs 1-5

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 5, T. 1 S., R. 3 W.

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 Production Co.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface SW NE (2347' FNL & 1715' FEL) Sec. 5, T1S, R3W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 43-013-30165 DATE ISSUED 10-16-72

15. DATE SPUDDED 10-23-72 16. DATE T.D. REACHED 11-26-73 17. DATE COMPL. (Ready to prod.) 1-24-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6665 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 17,360' 21. PLUG, BACK T.D., MD & TVD 13,056' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Green River 12,600' - 12,816' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	45.5	2867'	12-1/4"	1472 sks	
7-5/8"	26.4, 29.7, 33.7, 39	15345'	8-3/4"	2390 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	15,010	17,350	None	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	12,098	12,098
2-3/4"	12,098	

31. PERFORATION RECORD (Interval, size and number)

12,600-12,816 - 2 spf 104 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,600 - 12,816	10,400 gal 15% HCl

DIVISION OF OIL, GAS & MINING

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-16-81 (Swab)	Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-5-81	24			3	TSTM	44	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			3	TSTM	44		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used on lease

TEST WITNESSED BY

Larry Wilson

35. LIST OF ATTACHMENTS

None

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

SIGNED Richard Baumann TITLE Engr. Tech. DATE 4-6-81

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 2347' FNL & 1715' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE CA 96-000088

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Dennie Ralphs

9. WELL NO. 1-5

10. FIELD OR WILDCAT NAME Altamont

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Section 5
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH Duchesne 13. STATE Utah

14. API NO. 43-013-30165

15. ELEVATIONS (SHOW DF, KDB, AND WD) 6644' GL

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

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

MAPCO Production Co. intends to P&A the Dennie Ralphs 1-5. Please see the attached procedure for details.

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

DATE: March 19 83
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____

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:

Plug and Abandonment Procedure

Ralps 1-5
SW NE Section 5, T1S, R3W
Duchesne County, Utah

Prod Mgr _____
Drlg Supt _____
Engineer _____
Foreman _____

Current Conditions

14" conductor at 324'
10-3/4 " 45.5# K-55 STC at 2867'. Cemented to surface.
7-5/8" casing at 15,372' cemented with 1399 sacks lite, 250 sacks G.
Cement top unknown.
5-1/2" 22.54# P-110 Hydril SFS-P line with TIW liner hanger at 17,350
TOL at 15,010 uncemented
TD 17,360' 12/3/73
Cumulative production 545,803 bbls.
2-7/8" tubing, 397 jts Nulock N-80, 12,098'
2-3/8" tubing, 323 jts, 8rd J-55, 70 jts Sealock N-80
Baker Lockset packer at 12,098'
Otis seal divider
National pump cavity
Bridge plug at 13,100' KB with 42' cement on top to 13,061'
Perforations open: 12,816 to 12,600' selectively
Estimated cement top of 7-5/8" is 5000'±

Proposed Procedure

1. MIRU workover rig. If necessary, circulate to kill well. Remove wellhead and NU BOP.
2. TOH with 2-3/8" tubing and LD.
3. Release Baker lockset. TOH and LD packer, seal divider, and pump cavity.
4. TIH with tubing open ended to 13,050'±. Circulate 9.0#/gal mud to surface. Spot 22 sacks cement with retarder from 12,500' to 12,400'. Displace with mud. POOH with tubing.
5. RU casing jacks and wireline unit. TIH and determine free point. POOH with free point indicator and TIH with chemical casing cutter on wireline to cut the casing at the depth determined by the free point. POOH with wireline and RD wireline unit.
6. Pull and LD 7-5/8" casing switching from the casing jacks to the pulling unit when the weight permits. Dope the threads and place thread protectors on the casing.
7. RIH with 2-7/8" tubing to 50' below the top of the casing stub and spot a 100' cement plug with 50 sacks cement with retarder if

- necessary. Place plug 50' in and 50' out of the casing stub.
Displace with mud.
8. If the distance between the casing stub and the surface casing exceeds 2000', 100 foot stabilizer plugs 60 sacks cement will be set such that the 2000' distance is not exceeded.
 9. Pull to the base of the surface casing at 2867' and spot 75 sacks cement 1/2 in and 1/2 out of the casing. Displace with mud.
 10. Cut off wellhead. Place 10 sacks cement in the top of surface casing.
 11. If landowner does not request cut off below plow depth, set 4" O.D. pipe monument 10' long with 4' above the ground with 6' set into the surface plug. Label with the following information:

MAPCO Ralphs 1-5
SW NE Section 6, T1S, R3W
Duchesne County, Utah
 12. RD workover rig.
 13. Remove all equipment from the lease. Restore the surface to the landowner's specifications and in compliance with State requirements.

DJB/ch
5/31/83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Plug & Abandon

2. NAME OF OPERATOR
MAPCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NE/4 2347' FNL & 1715 FET
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
CA 96-00088 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dennie Ralphs

9. WELL NO.
#1-5

10. FIELD OR WILDCAT NAME
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 5, T1S, R3W, USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30165

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6644' 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"/>

(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. GIH w/ open end tbg to 13,043'. Pmp 25 bbls 20# mud, flush tbg with 72 BW. Pld up to 12,500'. RU Howco & pmp ✓ 22 sx Cl "H" cmt, flush tbg w/ 68 BW. ✓ Ran freepoint, freepoint indicated not feasible to pull csg. Set ✓ 100' plug from 2,767' to 2,867', pmpg 10 BFW, 23 ✓ sx "G" cmt, 2 bbls FW, 15 bbls 9.0 mud. Cut csg 10' below GL and spot ✓ 10 sx cmt plug. Weld on plate - well plugged and abandoned 8-13-83.

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

Subsurface Safety Valve: Manu. and Type _____ \$ @ _____ Ft.

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

SIGNED Samuel R. Brown TITLE Prod. Technician DATE September 26, 1983

(This space for Federal or State office use)

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