

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐

FARMINGTON REDUCED AREA
FARMINGTON, NEW MEXICO
SINGLE ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

PO Box 4239, Farmington, NM 87499

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

At surface

1500'N, 980'W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 miles from Aztec, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

980'

16. NO. OF ACRES IN LEASE

605.5

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.00

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

500'

19. PROPOSED DEPTH

2975'

20. ROTARY OR CABLE TOOLS

Rotary

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

6327'GL

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	200'	130 cf. circulated
8 3/4"	7"	20.0#	2760'	339 cf. cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	2975'	do not cement

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The NW/4 of Section 9 is dedicated to this well.

RECEIVED
DEC 01 1983

OIL CON
DIST

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

24.

SIGNED

[Signature]

TITLE

Regulatory Affairs DATE 09-12-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

Hold 100

AND C-104 PER NSP FNSL

NM000

*See Instructions On Reverse Side

Linda Jenson

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2083
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

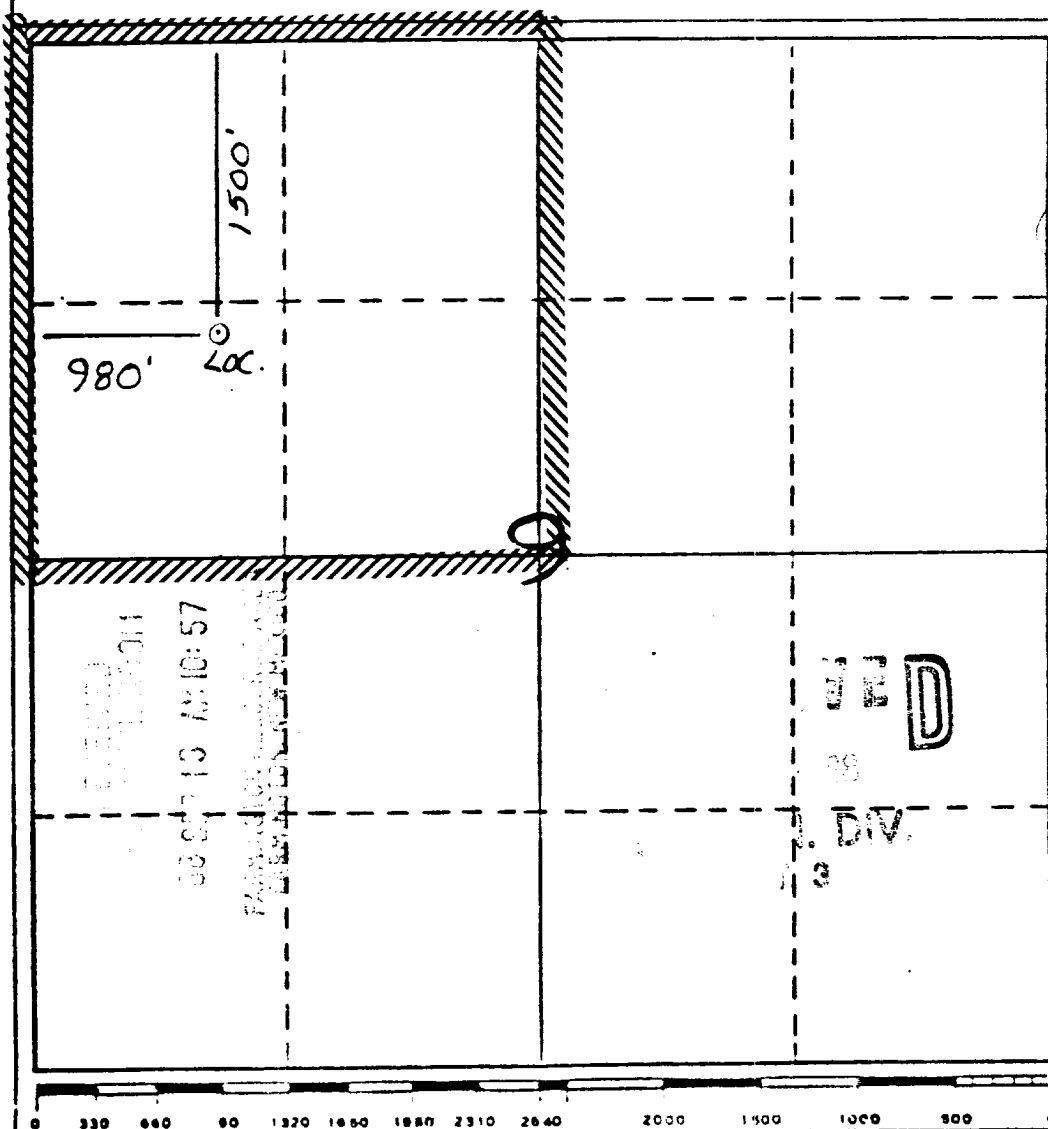
Operator Meridian Oil Inc.			Lease Sunray E (SF-077730)		Well No. 220
Unit Letter E	Section 9	Township 10 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1500 feet from the North line and 980 feet from the West line					
Ground Level Elev. 6327	Producing Formation Fruitland Coal		Pool Undesignated	Dedicated Acreage: 1.64 52.36 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Neale C. Edwards

Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
9-12-80

Date

I hereby certify that the location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Neale C. Edwards

Date Surveyed
8-29-80

Registered Professional Engineer
and/or Land Surveyor

Neale C. Edwards

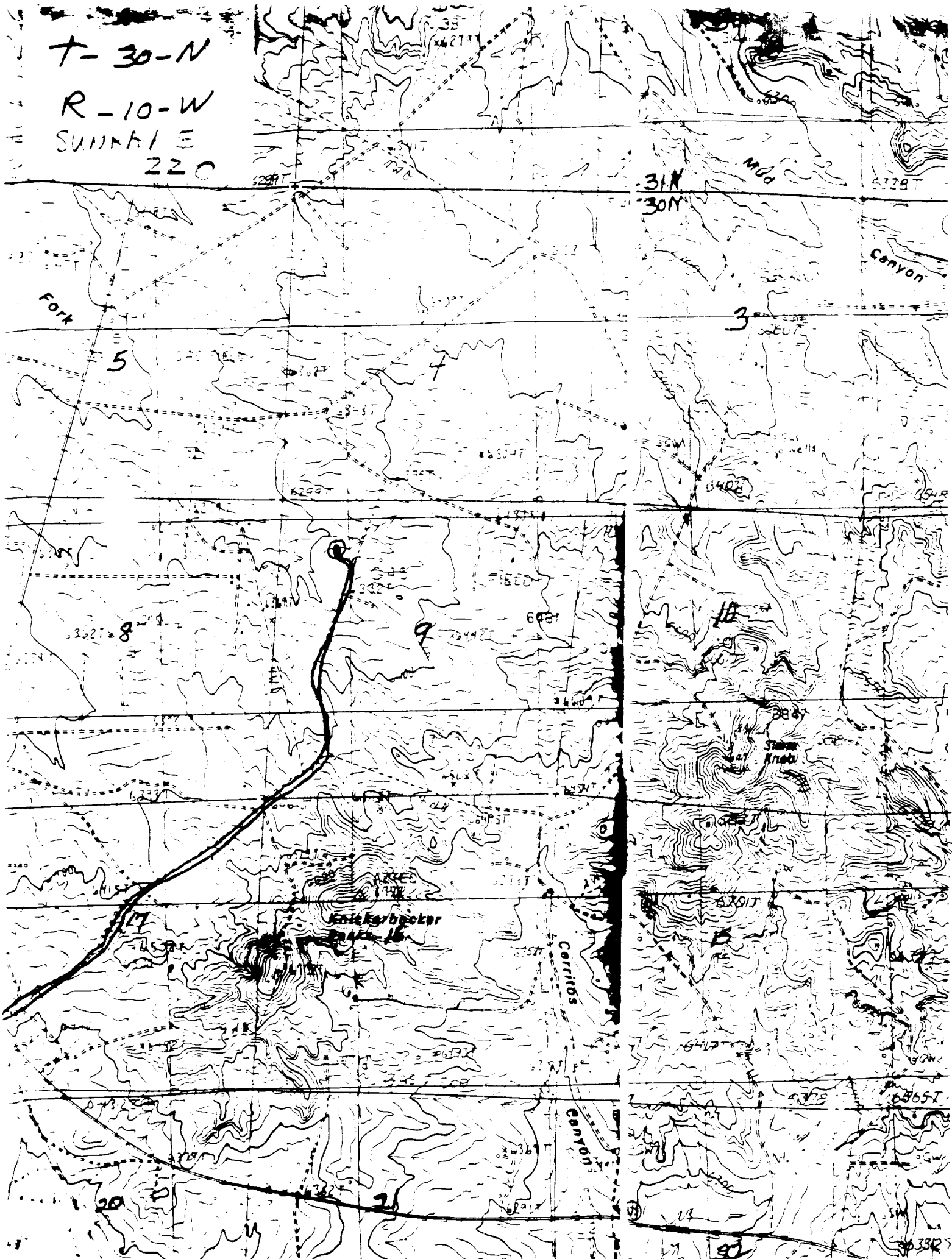
Certificate No.
6657

T-30-N

R-10-W

SUNRISE

220



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Meridian Oil Inc.	8. FARM OR LEASE NAME Sunray E
3. ADDRESS OF OPERATOR Post Office Box 4289, Farmington, NM 87499	9. WELL NO. 220
4. LOCATION OF WELL: Report location clearly and in accordance with any State requirements. See also space 17 below. At surface 1500'N, 980'W	10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 09, T-30-N, R-10-W N.M.P.M.	12. COUNTY OR PARISH San Juan
14. PERMIT NO.	13. STATE NM
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6361'GL	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)

12-05-88 Spudded well at 6:45 pm 12-05-88. Drilled to 230'. Ran 5 jts. 9 5/8", 32.3#, H-40 surface casing set at 230'. Cemented with 150 sks. Class "B" with 1/4#/sk. gel-flake and 3% calcium chloride (177 cu.ft.). circulated to surface. WOC 12 hrs. Tested 600#/30 minutes, held ok.

12-08-88 TD 2979'. Ran 70 jts. 7", 20.0#, K-55 intermediate casing, 2967' set @ 2979'. Cemented with 30 sks. Class "B" 65/35 with 6% gel, 2% calcium chloride, 1/2 cu.ft. perlite/sx (58 cu.ft.), and 100 sks. Class "B" w/2% calcium chloride (118 cu.ft.), followed by 370 sks. Class "B" w/65/35 Poz with 6% gel, 2% calcium chloride and 0.5 cu.ft. perlite/sk. (714 cu.ft.) and 100 sx. Class "B" with 2% calcium chloride (118 cu.ft.). WOC 12 hours. Held 1200#/30 min. Circulated to surface.

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

SIGNED

TITLE Regulatory Affairs

DATE 12-13-88

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECOR

DATE

DEC 15 1988

FARMINGTON RESOURCE AP

*See Instructions on Reverse Side

BY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

SF-077730

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sunray E

9. WELL NO.

220

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 09, T-30-N, R-10-W
N.M.P.M.

12. COUNTY OR PARISH, 13. STATE

San Juan NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

Post Office Box 4289, Farmington, NM 87499

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

See also space 17 below.
At surface

1500'N, 980'W

14. PERMIT NO.

15. ELEVATIONS (Show whether SP, RT, OR, etc.)

6361'GL

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)

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 (Include state oil 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.)

01-31-89 TD 2979'. CBL showed poor bond @ 1720'KB. Set drillable BP @ 2480'KB. PT BP @ 3000#. Perf'd 2 holes @ 1711'. Cmt'd w/25 sks. Class "B" w/3% calcium chloride (29 cu.ft.). Run GR-CCL-CBL 1821-1491'. Good cmt 1665-1821'.

02-01-89 Showed poor bond 1660' up. Set drillable BP @ 2480'. PT BP to 3000#. RIH, tag #1 squeeze cmt in casing @ 1643'. Perf 2 holes @ 1630'. Cmt'd w/100 sks. Class "B" w/3% calcium chloride (115 cu.ft.). Ran GR-CCL-CBL 1821-1491'. Good bond above & below Ojo Alamo @ 1650'. TC @ 1590'.

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

SIGNED

TITLE

Regulatory Affairs ()

DATE

02-06-89

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

FEB 14 1989

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY