

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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
Geo Engineering, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 2966, Santa Fe, New Mexico 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface *1652 FNL, 609 FEL*

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) *609'*

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.) *6452 Gr.* DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

23. *GENERAL PERMIT*
PROPOSED CASING AND CEMENTING PROGRAM

17. NO. OF ACRES ASSIGNED
TO THIS WELL *40 joint w #1*

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>6 3/4"</i>	<i>4 1/2"</i>	<i>9#</i>	<i>1100</i>	<i>150 SX</i>

We propose to drill a 6 3/4" hole to a maximum depth of 1100 to evaluate the Menefee Formation. For shows are encountered in economic quantities we'll run 4 1/2 csg through zones of interest.

RECEIVED
JUL 17 1984
OIL CON. DIV
DIST. 3

RECEIVED
JUN 21 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

24. SIGNED *J. M. Saw*
(This space for Federal or State office use)

TITLE *Petroleum Engineer* APPROVED *84*

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

MMOC

AS AMENDED
JUL 16 1984
DATE
AREA MANAGER FARMINGTON RESOURCE AREA

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

Operator <i>Geo Engineering, Inc.</i>		Lease <i>Federal "A" #N.M.0254488</i>		Well No. <i>2</i>
Unit Letter <i>H</i>	Section <i>30</i>	Township <i>T. 20 N.</i>	Range <i>R. 9 W.</i>	County <i>McKinley</i>
Actual Footage Location of Well: <i>1652</i> feet from the <i>North</i> line and <i>609</i> feet from the <i>East</i> line				
Ground Level Elev. <i>6452</i>	Producing Formation <i>Menefee</i>	Pool <i>Wildcat Blending MV</i>	Dedicated Acreage: <i>40</i> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

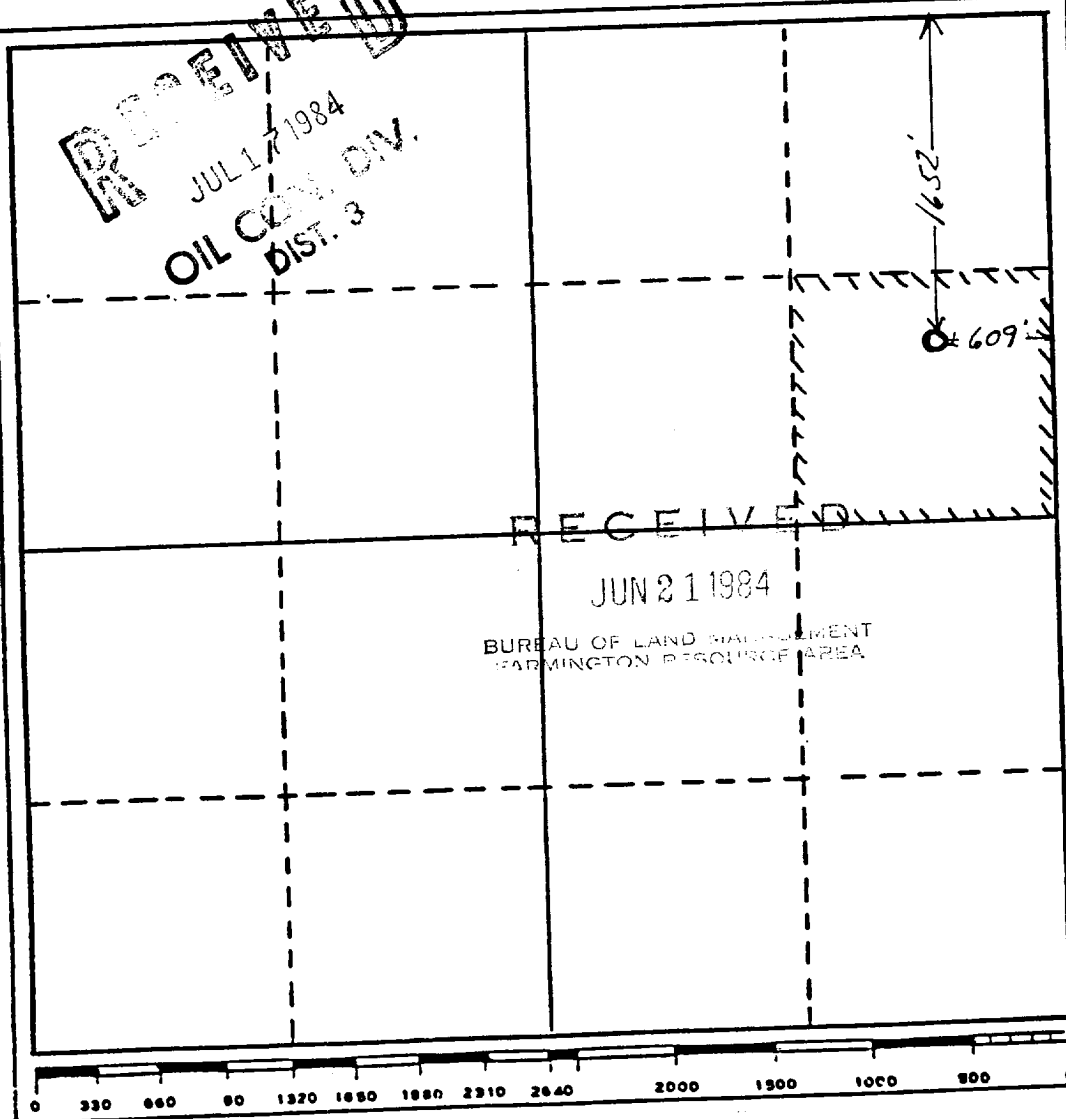
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Name
W. Saur

Position
Petroleum Engineer

Company
Geo Engineering, Inc.

Date
June 1, 1984

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

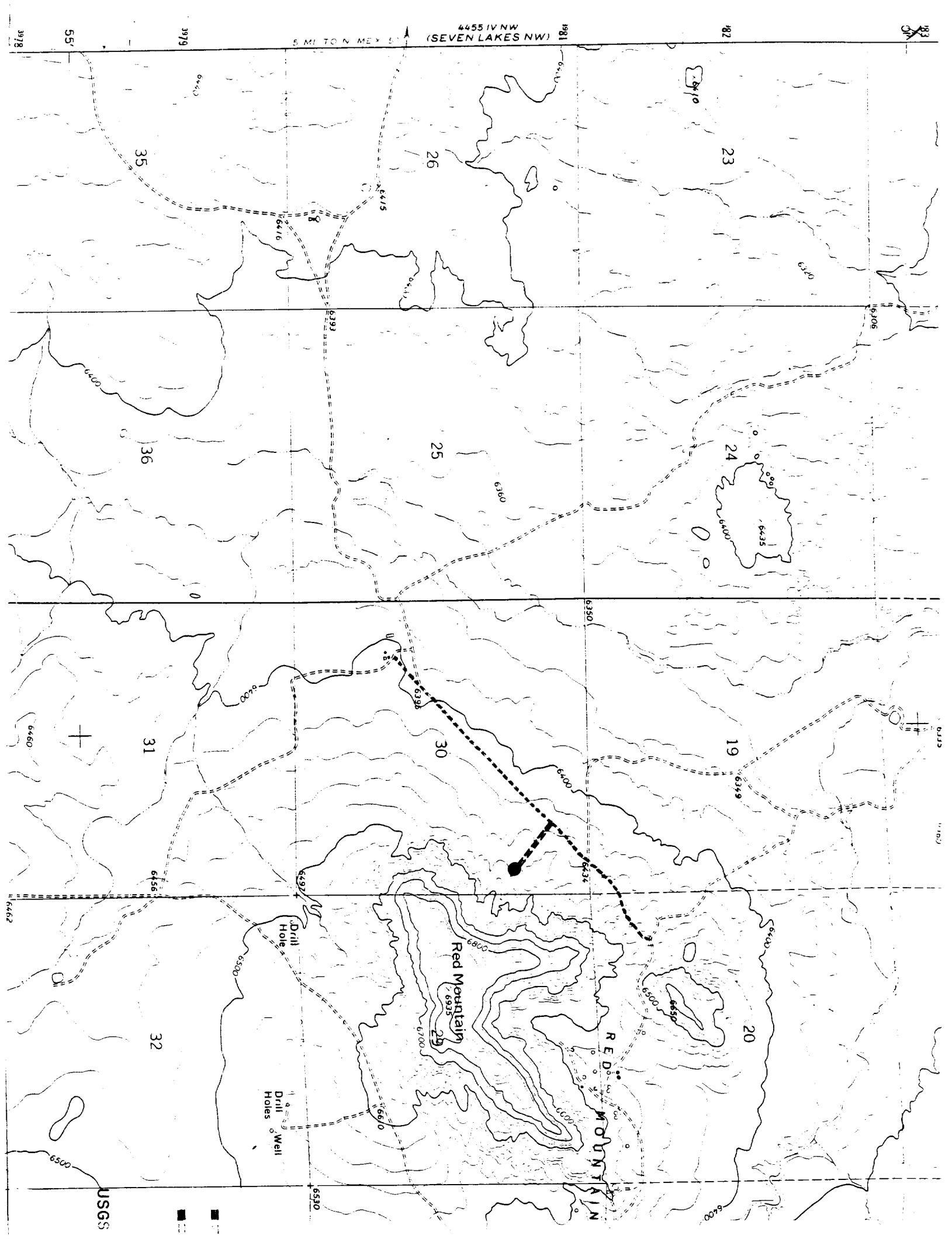
May 18, 1984

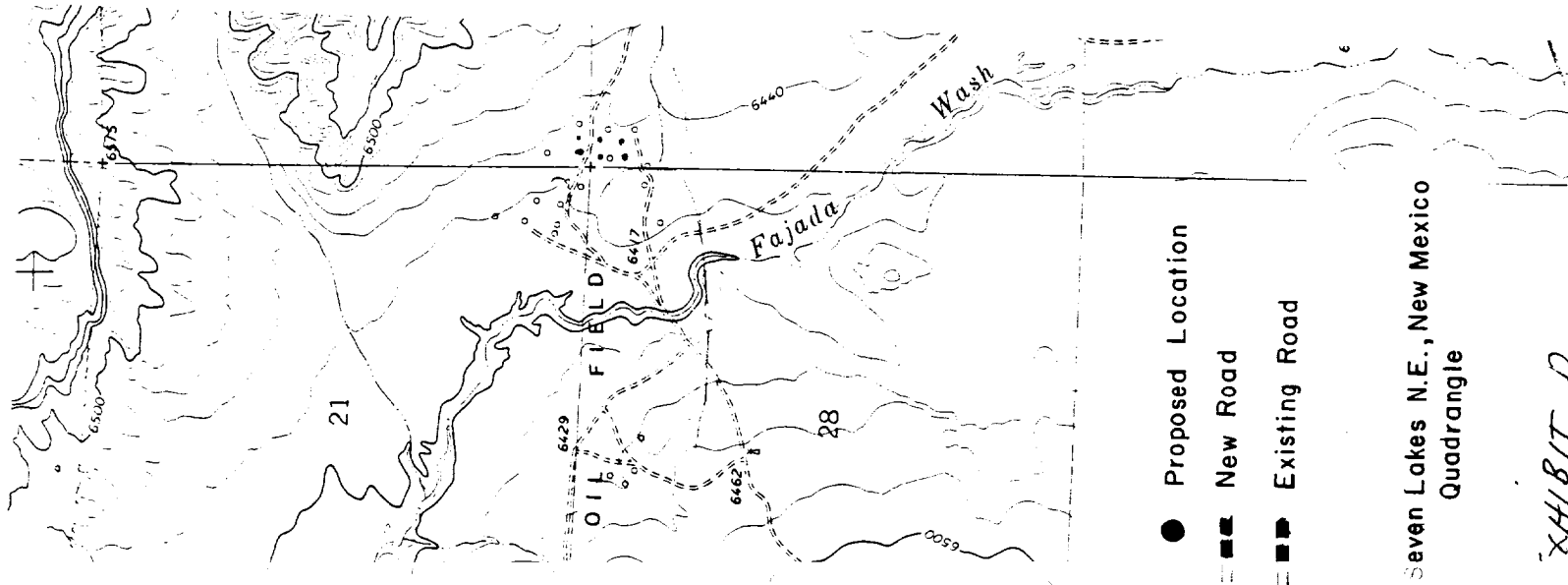
Date Surveyed
"See Attached"

Registered Professional Engineer
and/or Land Surveyor

Lic No. 7001

Certificate No.





Seven Lakes N.E., New Mexico
Quadrangle

XHIBIT D

SUNDRY NOTICES AND REPORTS OF 1984

1. UNIT AGREEMENT NAME _____

2. NAME OF OPERATOR LED-ENGINEERING-INC.

3. ADDRESS OF OPERATOR Box 1417 - Socorro, N.M. 87801

4. LOCATION OF WELL (If well location is not shown on map, show location with well name, section, township, range, and county, and show location of well on map.)

5. WELL NO. FED. A-2

6. FIELD AND POOL OR WILDCAT RED MOUNTAIN

7. SEC. T. R. M. OR B.R. AND SURVEY OR AREA S. 30; T. 20N; R. 9E.

8. COUNTY OF FARMINGTON, N.M. McKinley N.M.

9. Check appropriate box to indicate nature of notice, report, or other data:

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐ WATER SHUT-OFF ☐ REPAIRING WELL ☐

FRACURE TREATMENT ☐ MULTIPLE COMPLETION ☐ FRACURE TREATMENT ☐ ALTERING CASING ☐

SHUT OR ACIDIZING ☐ ABANDONMENT ☐ SHUTTING OF ACIDIZING ☐ ABANDONMENT ☐

REPAIR WELL ☐ CHANGE PLANT ☒ (Other) _____

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS, INCLUDING DATE OF OPERATION, AND DATE OF NOTICE, INCLUDING ESTIMATED DATE OF STARTING AND COMPLETION OF WORK. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

OPERATOR AMENDS CASING PROGRAM:
 OPERATOR PROPOSES TO RUN 100 FEET OF 7 INCH SURFACE CASING TO A DEPTH OF 100 FEET. THE SURFACE CASING WILL BE SET WITH 27.5 FT³ OF CEMENT AND CAPPED WITH A 7 INCH BELLHOS TYPE BLOWOUT PREVENTION VALVE. 4 1/2 INCH CASING WILL BE RUN FROM 100 FT. TO COMPLETION DEPTH & SET WITH 236.5 FT³ OF CEMENT. CASING WILL BE 9.5 # J-55 TYPE. CEMENT WILL BE CLASS B NEAT.

RECEIVED
 JUL 17 1984

OIL CON. DIV.
 DIST. 3

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

SIGNED James R. Woods

TITLE Geologist

(Leave space for Federal or State office use)

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions on Reverse Side

APPROVED

AS AMENDED

DATE 7-18-84

JUL 16 1984

/s/ J. Stan McKee

DATE _____

AREA MANAGER
 FARMINGTON RESOURCE AREA