

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28602

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

ORVILLE SLAUGHTER

3. ADDRESS OF OPERATOR

2626 ADAMS STREET, DENVER, CO 80205

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

At surface

D 34-30N 11W E/2 NW/4 San Juan County

At proposed prod. zone

944 FNL

723 FNL

Undesignated Farmington

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

2 Miles South of Aztec

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

953

16. NO. OF ACRES IN LEASE

161.62 324.930

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40.61

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

21

19. PROPOSED DEPTH

1575

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

GR-5869

22. APPROX. DATE WORK WILL START*

July 15, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	15#	100' / 120'	40 sacks
4-7/8"	2-7/8"	6.4#	1575'	165 sacks

RECEIVED

OCT 3 1991

OIL CON. DIV.
DIST. 3

Orville S.

Slaughter Jr.?

RECEIVED

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.

SIGNED Orville Slaughter Jr. TITLE Operator DATE May 19, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

holder legal or equitable rights
or title to this lease."

NMOCD

*See Instructions On Reverse Side

OCT 02 1991
John Sheller
AREA MANAGER

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JAN 14 1964
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JOINT CHIEFS OF STAFF
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Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-80

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

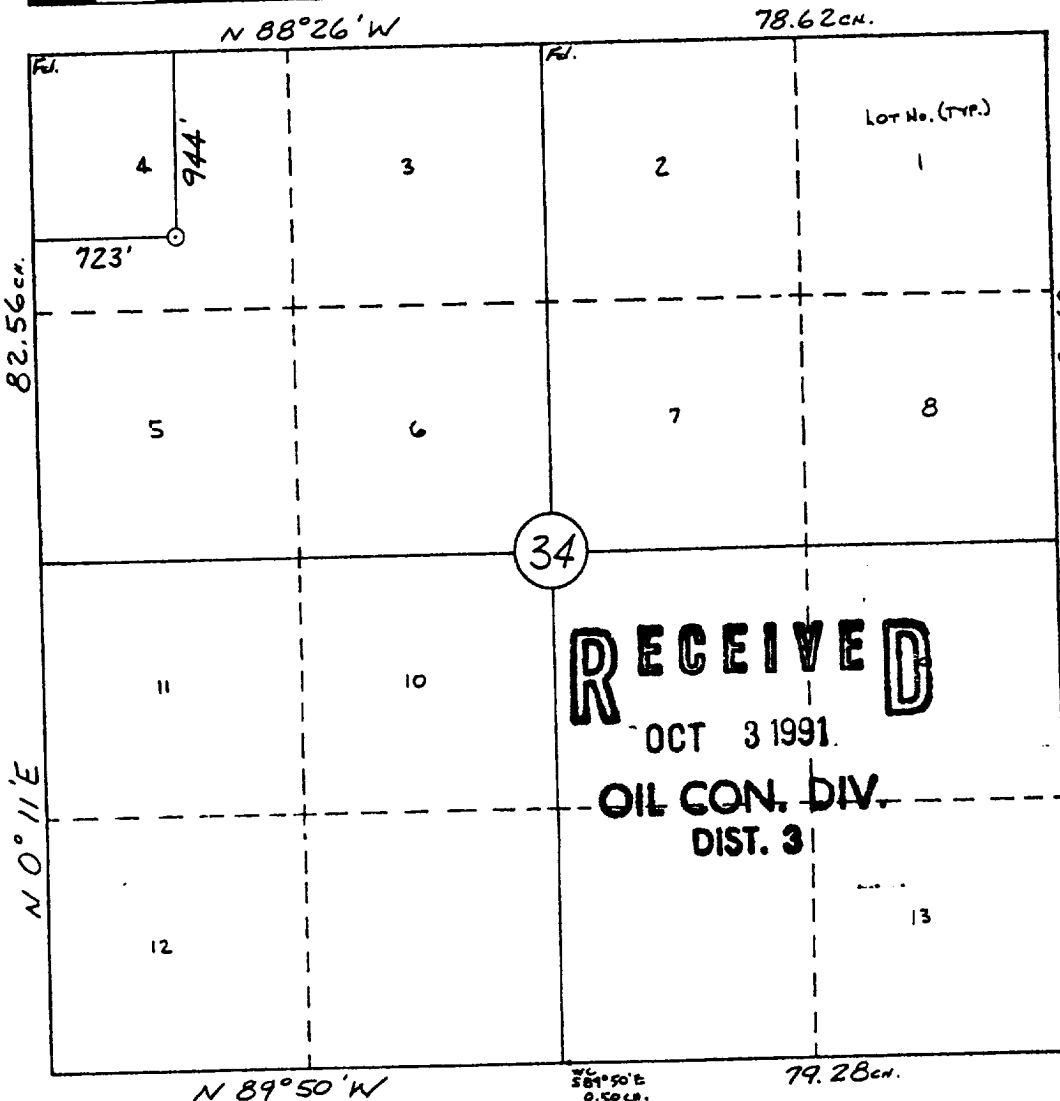
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section.

Operator ORVILLE SLAUGHTER			Lease SANGRE DE CRISTO		Well No. 6
Unit Letter D	Section 34	Township 30 N	Range 11 W	County San Juan	
Actual Footage Location of Well: 944 feet from the North line and 723 feet from the West line					
Ground level Elev. 5889	Producing Formation Permian		Pool Oswell	Dedicated Acreage: 40.61 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc?
☒ Yes ☐ No If answer is "yes" type of consolidation **COMMUNITIZATION**
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 interest, has been approved by the Division.

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 600 0



OPERATOR CERTIFICATION

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

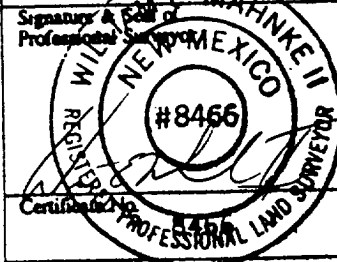
Signature
Orville Slaughter
Printed Name
ORVILLE SLAUGHTER
Position
OPERATOR
Company
SAME
Date
MAY 23 1990

SURVEYOR CERTIFICATION

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.

5-23-90

Date Surveyed
William E. Mahake II
Signature & Seal of Professional Surveyor



OPERATIONS PLAN - SANGRE DE CRISTO NO. 6

I. Location: 723' FWL, 944' FNL Section 34, T-30-11W, San Juan County, N.M.

Field: Undesignated Farmington

II. Geology:

A. Formation Tops:	Surface	San Jose
	Ojo Alamo	415'
	Kirtland	420'
	Farmington	515'
	Fruitland	1685'
	Total Depth	1575'

B. Logging Program: Induction Electric and TDT Gamma Ray at TD

C. Coring: None

D. Samples: None

III. Drilling:

A. Mud Program: Air from Surface to Total Depth - 1575'

IV. Materials

A. Casing Program:

<u>Hole Size</u>	<u>Depth</u>	<u>Casing Size</u>	<u>Wt. & Grade</u>
7-7/8"	100' 420'	5-1/2"	15# H-20
4-7/8"	1575'	2-7/8"	6.4# J-55

B. Float Equipment:

2-7/8" Production Casing - Howco guide shoe and self-fill insert valve, with one centralizer on the 3rd joint from bottom. Second centralizer 787.5. Third centralizer 420' from the top.

C. Wellhead Equipment:

8" 1000 X 5-1/2" WKM Brewster Type R Casing Head with 5-1/2" X 2-7/8" Type SA Casing Hanger will be used along with a blowout preventer as seen in Figure II.

V. Cementing:

A. Surface casing will be cement and circulated top to bottom with 75 sacks of 65/35 Class B polymix with 6% gel and 2% calcium chloride mixed with 8.3 gallons water per sack and over displaced to surface with water, likewise production casing will be cemented top to bottom with 165 sacks of cement.