

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)
36-225-32414

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-1502

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name

Santa Fe

2. Name of Operator

Phillips Petroleum Company

8. Well No.
134

3. Address of Operator

4001 Penbrook Street, Odessa, TX 79762

9. Pool name or Wildcat

Wildcat Vacuum Drinkard

4. Well Location

Unit Letter D : 330 Feet From The North Line and 430 Feet From The West Line

Section 5

Township 18-S

Range 35-E

NMPM Lea

County

10. Proposed Depth
8200'

11. Formation
Drinkard

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3964' GL (Unprepared)

14. Kind & Status Plug. Bond
Blanket

15. Drilling Contractor
NA

16. Approx. Date Work will start
Upon Approval

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	1525	850 sx C	1200'
7-7/8"	5-1/2"	15.5#	8200	250 sx C 65/35	Poz 5200'
			Tail w/	200 sx C	7000'

2nd Stage: 500 sx C 65/35 Poz. Surf.
Tail w/150 sx C

OPER OGRID NO.

017643

PROPERTY NO.

009140

POOL CODE

22110

EFF. DATE

24-94

API NO.

36-225-32414

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

L. M. Sanders

TITLE

Supv. Regulatory Affairs

DATE 02-01-94

TYPE OR PRINT NAME L. M. Sanders

(915)

TELEPHONE NO. 368-1488

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

FEB 1 1994

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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

1800 Elia Brasas Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM CO.			Lease SANTA FE		Well No. 134
Unit Letter D	Section 5	Township 18 SOUTH	Range 35 EAST	NMPM	County LEA
Actual Footage Location of Well: 330 feet from the NORTH line and 430 feet from the WEST line					
Ground Level Elev. 3964'	Producing Formation Vacuum Drinkard	Pool Wildcat Vacuum Drinkard		Dedicated Acreage: 40 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 _____

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

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

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

LOT 4 LOT 3 LOT 2 LOT 1

See Amended Plat

#134

330'

430'

OPERATOR CERTIFICATION

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

Signature

Printed Name

L. M. Sanders

Position

Supv., Reg. Affairs

Company

Phillips Petroleum Co.

Date

2/1/94

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.

Date Surveyed

JANUARY 20, 1994

Signature & Seal of Professional Surveyor

Certificate No. JOHN M. WEST, 678

RONALD J. SEIDSON, 3239

GARY L. JONES, 7977

84-11-142

PROPOSED CASING & CEMENTING PROGRAM

Santa Fe Well No. 134

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1525' - 12 1/4" Hole:

Lead: 650 sx Class "C" + 4% Gel + 2% CaCl_2 . TOC = Surface.

Slurry Weight: 13.5 ppg
Slurry Yield: 1.72 ft^3/sx
Water Requirement: 9.06 gals/sx

Tail: 200 sx Class "C" + 2% CaCl_2 . TOC = 1200'.

Slurry Weight: 14.8 ppg
Slurry Yield: 1.32 ft^3/sx
Water Requirement: 6.3 gals/sx

5 1/2" 15.5 lb/ft J-55 Production Casing Set at 8200' - 7 7/8" Hole:

Set Stage Tool at 5200'.

1st Stage:

Lead: 250 sx Class "C" 65/35 Poz + 6% Gel + 3% Salt. TOC = 5200'.

Slurry Weight: 12.8 ppg
Slurry Yield: 1.85 ft^3/sx
Water Requirement: 9.9 gals/sx

Tail: 200 sx Class "C" + additives as required. TOC = 7000'.

Slurry Weight: 14.8 ppg
Slurry Yield: 1.32 ft^3/sx
Water Requirement: 6.2 gals/sx

2nd Stage:

Lead: 500 sx Class "C" 65/35 Poz + 6% Gel + 3% Salt. TOC = Surface.

Slurry Weight: 12.8 ppg
Slurry Yield: 1.85 ft^3/sx
Water Requirement: 9.9 gals/sx

Tail: 150 sx Class "C" Neat.

Slurry Weight: 14.8 ppg
Slurry Yield: 1.32 ft^3/sx
Water Required: 6.2 gal/sx

PROPOSED MUD PROGRAM

Santa Fe Well No. 134

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	%SOLIDS	ADDITIVES
Surf - 1525'	8.6-9.0 ppg	32-34 sec/1000 cc	-	-	-	Native Solids
1525' - 7400'	10.0-10.2 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
7400' - 8200'	10.0-10.2 ppg	32-36 sec/1000 cc	12 - 15 cc	Saturated	-	Starch

Note: Losses may be encountered at approximately 6200'. Pump LCM sweeps and keep pipe moving.

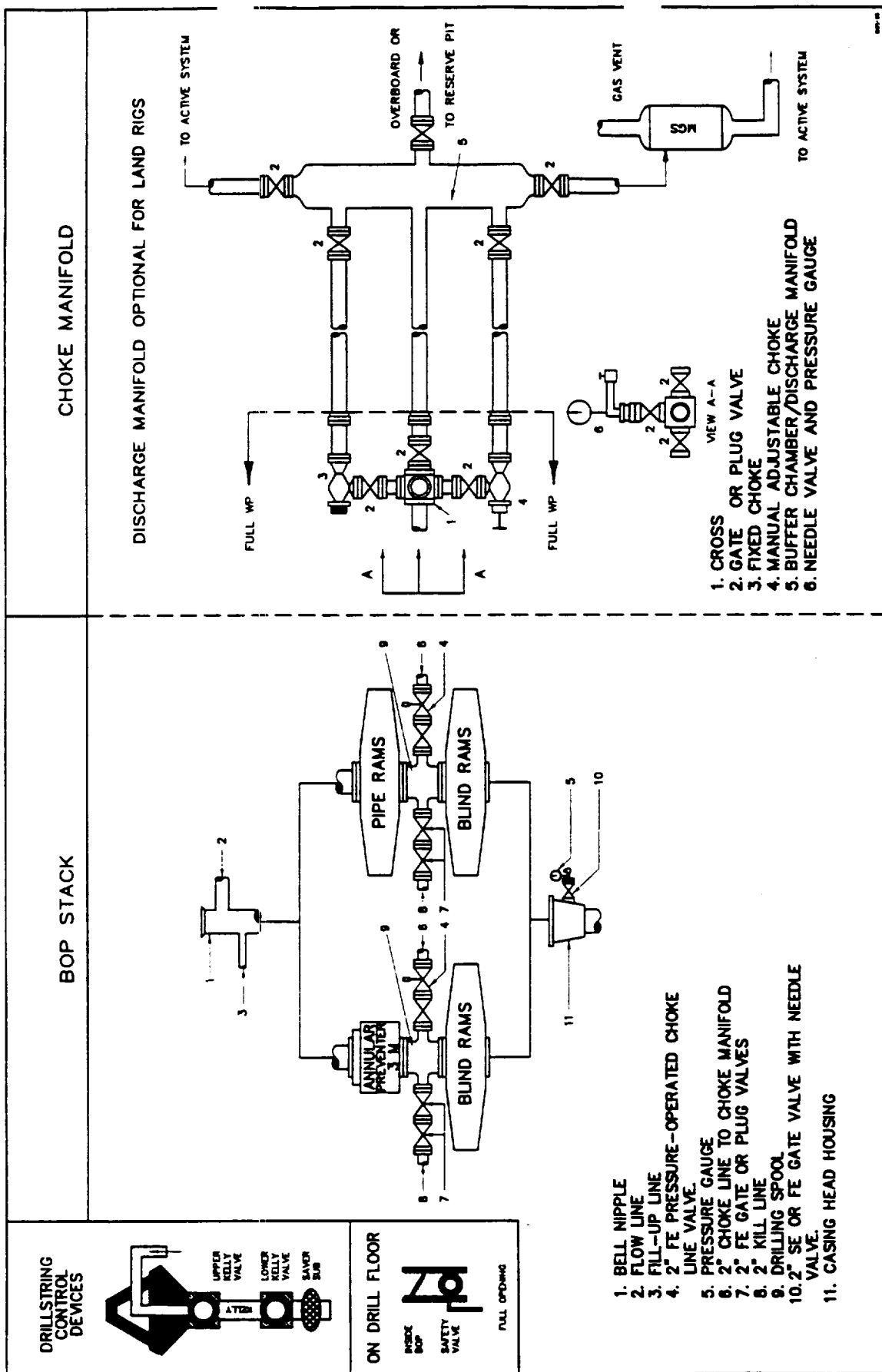


Fig. 2.4. Class 2 BOP and Choke Manifold.

46-12-9