

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

DEC 26 '90

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1576

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

East Burton Flat 36 State

2. Name of Operator

Santa Fe Energy Operating Partners, L.P.

8. Well No.

1

3. Address of Operator

550 W. Texas, Suite 1330, Midland, Texas 79701

9. Pool name or Wildcat

East Burton Flat Strawn Gas

4. Well Location

Unit Letter I : 2240 Feet From The South Line and 660 Feet From The East Line

Section

36

Township

19S

Range

29E

NMPM

Eddy

County

10. Proposed Depth

11,200'

11. Formation

Strawn

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3329.9' GR

14. Kind & Status Plug. Bond

Blanket - Current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

January 15, 1991

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94.0	350'	500	Surface
17-1/2"	13-3/8"	48.0	1500'	1100	Surface
12-1/4"	8-5/8"	24.0	3200'	700	1500'
7-7/8"	5-1/2"	17.0	11,200'	600	8000'

Move on location and rig up. Spud 26" hole and drill to 350'. Run 20" casing and cement with sufficient Class C containing 2% CaCl₂ to circulate to surface. WOC 8 hours. Test casing to 600 psi for 30 minutes. Drill a 17-1/2" hole to 1500'. Run 13-3/8" casing and cement with sufficient Class C containing 2% CaCl₂ to circulate to surface. WOC 8 hours. Test casing to 600 psi for 30 minutes. Nipple up Hydrill. Test to 600 psi. Drill 12-1/4" hole to 3200'. Run 8-5/8" casing. Cement with sufficient cement to tie back into casing at 1500'. WOC 18 hours. Nipple up double ram BOP and Hydrill. Test to 3000 psi. Test casing to 1500 psi. Drill 7-7/8" hole to 11,200'. Log. Run 5-1/2" casing and cement with sufficient cement to fill to 500' above possible producing zones.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 6/30/91

UNLESS DRILLING UNDERWAY

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 Michael R. Burton TITLE Operations Manager DATE Dec. 21, 1990

TYPE OR PRINT NAME Michael R. Burton TELEPHONE NO. 915/ 687-3551

(This space for State Use) ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT
TIME TO WITNESS CEMENTING THE
20" 13 3/8" 8 5/8" CASING

DEC 27 1990