

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-015-27459

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

Kansas City Singer 18

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

McMillan (Morrow)

4. Well Location

Unit Letter I: 1980 Feet From The South Line and 860 Feet From The East Line

Section 18

Township 20S

Range 27E

NMPM

Eddy

County

10. Proposed Depth
10,600'

11. Formation
Morrow

12. Rotary or C.T.
Rotary

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

3354.3' GR

14. Kind & Status Plug. Bond

Blanket - Current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

June 15, 1993

17. PROPOSED CASING AND CEMENT PROGRAM DECLARED WATER BASIN

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48.0	400'	400	Surface
12-1/4"	8-5/8"	32.0	3,000'	2000	Surface
7-7/8"	5-1/2"	17.0	10,600'	700	6000'

Move on location and rig up. Spud 17-1/2" hole and drill to $\pm 400'$. Run 13-3/8" casing and cement with sufficient Class "C" containing 2% CaCl_2 to circulate to surface. WOC 6 hours prior to cut off and weld on 13-3/8" casing head and NU 13-5/8" annular BOP. Test casing and BOP to 600 psi for 30 minutes. Drill a 12-1/4" hole to $\pm 3000'$. Run 8-5/8" casing and cement with sufficient Class "C" containing 2% CaCl_2 to circulate to surface. WOC 6 hours prior to cut off and weld on 8-5/8" casing head. NU 11" x 5000 psi BOP stack on 8-5/8" casing - to consist of an annular BOP, double ram preventer, rotating head, and choke manifold. Test casing to 1500 psi and BOP stack to 5000 psi. Drill 7-7/8" hole to 10,600'. Log, run 5-1/2" casing and cement to 6000' with Class "H" cement + 1.0% fluid loss additive and 5% salt.

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 Darrell Roberts TITLE Sr. Drilling Engineer DATE June 3, 1993

TYPE OR PRINT NAME Darrell Roberts

TELEPHONE NO. 915/687-3551

(This space for State Use)

APPROVED BY Mark Behlitz TITLE GEOLOGIST DATE 6-7-93

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M. O.C.D. IN SUFFICIENT
TIME TO WITHHELD CEMENTING THE

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-7-93
UNLESS DRILLING UNDERWAY