

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR

Samson Resources Co.

3. ADDRESS AND TELEPHONE NO.

Two W. Second St., Tulsa, OK 74103-3104 (918) 583-1791

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

At surface 2310' FWL & 660' FWL Sec 21, T22S, R32E

At proposed prod. zone

same

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

approx. 35 mi East of Carlsbad, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

N.A.

16. NO. OF ACRES IN LEASE

1760'

19. PROPOSED DEPTH

8800'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3696.4

22. APPROX. DATE WORK WILL START*

10-15-93

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	H-40 13-3/8	48	800'	720 sx circulate
12¼"	K-55 8-5/8	32	4600'	1st stage 750 sx 2nd stage 540 sx
7-7/8"	N-80 5½	17	8800'	450 sx 50/50 Poz

1. Set 40' of 20" conductor cement to surface with Redimix.
2. Drill 17½" hole to 880'±. Run 880' of new 13-3/8 H-40 48# ST&C casing cement with 600 sx lite cement + 6% Gel, 2% CaCl. Tail in w/200 sx class "C" 2% CaCl. Circulate cement to surface.
3. Drill 12¼" hole to 4600'. Run 4600' of new 8-5/8 K-55 32# LT&C. Cement 1st stage with 750 sx 15/85 POZ + 8% Gel, 2% CaCl, ¼# Flocele/sx tail in with 200 sx Class "H" 2% CaCl ¼# Flocele/sx. 2nd stage: 440 sx 15/85 POZ + additives, tail in with 100 sx Class "H" 2% CaCl. Circulate to surface.
4. Drill 7-7/8 hole to 8800'. Run 8800' of new 5½ 17# N-80 LT&C csg., cement with 700 sx of lite cement with additives. Tail in with 200sx of class "H" cement. Verify top of cement with temp or cement bond. Log top of cement must be at least 200' above intermediate csg. shoe.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

TITLE

AGENT

DATE 8/26/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

AREA MANAGER

DATE

9-27-93

*See Instructions On Reverse Side

RECEIVED

OCT 06 1993

OLD HOBBS
JAN 17