

Form 3160-3  
November 1983  
(formerly 9-331C)

SUBMIT IN TRIPL  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Samson Resources Company

3. ADDRESS OF OPERATOR

Two West Second Street, Tulsa, Oklahoma 74103

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

At surface

-525' FWL & 330' FNL

At proposed prod. zone

-525' FWL & 330' FNL

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

11 miles NW of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9800'

20. ROTARY OR CABLE TOOLS

Rotary

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

4299' GL, 4315' DF, 4316' KB

22. APPROX. DATE WORK WILL START\*

March 25, 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	400	400 sx <b>CIRCULATE</b>
11"	8-5/8"	24 & 32#	4000	1600 sx
7-7/8"	5-1/2"	17#	9800	250 sx

PROPOSAL: To drill and complete a Penn Bough "C" test to a depth of 9800'

1. Remote controlled hydraulically operated 5000# blow out preventers and 5000# hydril will be used to drill to total depth.
2. The well will be drilled on mud, adequate quantities of mud materials will be maintained to allow continuous operations. Subsurface producing pressure in the area are subnormal; hence no weighting material should be required for the mud.
3. Auxiliary equipment such as pit level indicator, degasser, desander and mud logger will be used if conditions warrant.

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.

24.

SIGNED Charles Waffkins Division  
TITLE Drilling Superintendent DATE March 7, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Subject to  
Like Approval  
by State

*Unorthodox  
location*

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL SITUATIONS

Title U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAR 13 1985

U.S. DEPT. OF JUSTICE  
HONORARY OFFICE