

W.C.C.
Oct 11 11 17 AM '66

PHONE 728-4742

ROY H. SMITH DRILLING CO.

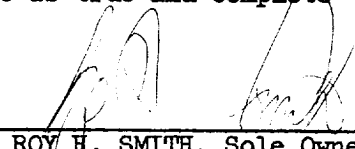
728 FIRST-WICHITA NATIONAL BLDG.
WICHITA FALLS, TEXAS

INCLINATION REPORT

Field Name South Corbin-Queen County Lea
Operator Roy H. Smith Drlg. Co. Address 728 1st. Wichita National Bldg., Wichita Falls
Lease Name Buffalo Unit Well No. 8 Texas
Section 34 T 18S R 33E NMPM South Corbin Pool
Lea County New Mexico

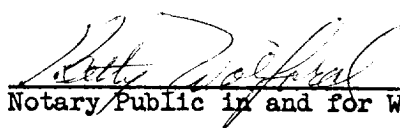
<u>Depth (feet)</u>	<u>Angle Of Inclination (Degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
266	0° 30'	2.31	2.31
703	0° 45'	5.72	8.03
1550	0° 45'	11.09	19.12
2505	1°	16.71	35.83
2918	2°	14.41	50.24
3532	2° 15'	24.13	74.37
3960	2°	14.94	89.31
4555	0° 45'	7.79	97.10
Total Displacement			97.10

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete



ROY H. SMITH, Sole Owner

Sworn and subscribed to before me, this the 7 day of October, 1966



Betty Wolford
Notary Public in and for Wichita Co., Texas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. Roosevelt, N. M.	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM-01-77-A	
2. NAME OF OPERATOR Roy H. Smith Drilling Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 728 First Wichita National Bldg., Wichita Falls, Texas		8. FARM OR LEASE NAME Buffalo Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' from north & 660' from East line, Sec. 34, T-18S, R-33E At proposed prod. zone		9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 Miles SE of Maljamar		10. FIELD AND POOL, OR WILDCAT South Corbin-Queen	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T-18S, R-33E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 1866' SE Well #7		12. COUNTY OR PARISH Lea	
16. NO. OF ACRES IN LEASE 240		13. STATE New Mex.	
19. PROPOSED DEPTH 4700'		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
20. ROTARY OR CABLE TOOLS rotary		21. APPROX. DATE WORK WILL START* upon approval	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3780 GL			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8"	4 1/2"	9.50#	4700'	125 ex or suff. to base of salt
11"	8 5/8"	32#	252'	50 ex or suff. to circulate

We propose to drill a well at the above location to approximately 4700 feet to test Penrose Formation. Will drill surface hole of 11" and set 8 5/8" surface casing at 300 feet.

If well is indicated productive we will set 4 1/2" oil string to 4700 feet, perforate and frac pay zone if necessary. Run electric log. Cement w/125 ex. or sufficient amount of cement to go to base of salt, 8% jel, and 50 ex. 4% jel or sufficient amount to circulate.

RECEIVED
AUG 23 1966

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 proposed new productive zone. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Sole Owner DATE 8/19/66
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

APPROVED
AUG 22 1966
A. R. BROWN
DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.