

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 01177A					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____					
2. NAME OF OPERATOR Roy H. Smith Drilling Co.		7. UNIT AGREEMENT NAME _____					
3. ADDRESS OF OPERATOR 728 1st. Wichita National Bldg., Wichita Falls, Texas		8. FARM OR LEASE NAME Buffalo-Federal					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' from east line and 660' from north line Sec. 34, T-18S, R-33E At top prod. interval reported below _____ At total depth _____		9. WELL NO. 1					
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT South Corbin					
15. DATE SPUNDED 12/28/65		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T-18S, R-33E					
16. DATE T.D. REACHED 1/25/66		12. COUNTY OR PARISH Lea					
17. DATE COMPL. (Ready to prod.) 2/7/66		13. STATE New Mexico					
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3802 DF		19. ELEV. CASINGHEAD _____					
20. TOTAL DEPTH, MD & TVD 4620' (air)		21. PLUG, BACK T.D., MD & TVD _____					
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY → 252 - T.D. 0 - 252'					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Penrose Sand, 4519-4521, 4525-4530, 4541-4550		25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Gamma Ray - Formation Density-Laterolog		27. WAS WELL CORED Yates-Queen-Penrose					
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8 5/8"	32#	252'	11"	30 sx, cemente circ.	-0-		
4 1/2" OD	9.50#	4620'	7 7/8"	200 sx, 8% jel, 100 sx 15% jel	-0-		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
-0-	---	---	---	---	2"	4508	No
31. PERFORATION RECORD (Interval, size and number) Penrose Sand, 4519-4521, 4525-4530, 4541-4550, 22 - 1/2" shots				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				4519-4521			
				4525-4530			
				4541-4550			
				AMOUNT AND KIND OF MATERIAL USED			
				2,000 gal. acid, 15% low surf. tension. Fraced w/20,000#			
				20-40 sand carried w/lease oil			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2/7/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 2/10/66	HOURS TESTED 24	CHOKE SIZE 20/64ths	PROD'N. FOR TEST PERIOD →	OIL—BBL. 180	GAS—MCF. 58 MCF	WATER—BBL. -0-	GAS-OIL RATIO 326
FLOW. TUBING PRESS. 20#	CASING PRESSURE 165#	CALCULATED 24-HOUR RATE →	OIL—BBL. 180	GAS—MCF. 58 MCF	WATER—BBL. -0-	OIL GRAVITY-API (CORR.) 33 at 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY _____	
35. LIST OF ATTACHMENTS Copy of Schlumberger logs and Core Analyses							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED _____		TITLE Sole Owner		DATE 2/10/66			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL GIVEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core Descriptions						
Yates Band	3135	3165	Cored - Recovered 30 feet, no shows oil or gas; 3135-37, gray, massive, anhydritic, shaly dolomite; 3137-38, red, shaly sand; 3138-41, blue and red, shaly anhydrite; 3141-3165, red, shaly, anhydritic sand	Pase of Salt Top of Yates Top of Queen Top of Penrose	2870 3050 4257 4517	
Queen Sand	4277	4324	Cored - Recovered 46½ feet; 4277-80, gray, fine, porous sand, spotted stain & fluorescence; 4280-83, fine gray to red, mottled sand, bleeding oil very slightly; 4283-4302, fine, gray to red sand, no show; 4302-08½, sandy shale; 4308½-4310½, dolomite, 4310½-12, fine, red silt; 4312-17, dolomite; 4317-24, dolomite and anhydrite			
Penrose Sand	4518	4568	Cored - Recovered 48 feet; 4518-19, fine, gray sand, good show; 4519-20, fine, gray, shaly sand, no show; 4520-26 fine, gray sand, good show; 4526-27½, very fine, gray shaly sand, no show; 4527½-30, very fine, gray sand, fair show; 4530-34, fine, gray sand, no show; 4534-42, fine, gray, tight sand, scattered show, bleeding oil; 4542-43, fine, gray, saturated sand; 4543-45½, fine, gray, tight sand, bleeding oil; 4545½-68, Sand and dolomite, no show			