

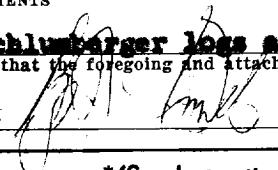
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. Roswell, New Mexico	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM 01177-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 line and 660' from east line of Sec. 34, T-18S, R-33E At top prod. interval reported below At total depth				9. WELL NO. 8	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 9/6/66				16. DATE T.D. REACHED 9/16/66	
17. DATE COMPL. (Ready to prod.) 10/5/66				18. ELEVATIONS (DF, REB, RT, GR, ETC.) 3780 OL, 3792 KB, 3791 DF	
20. TOTAL DEPTH, MD & TVD 4555' (drlr)				21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4499 - 4512 (Schlumberger), Penrose Sand				25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger (Compensated Formation Density, Laterolog with Gamma Ray & Perforating Depth Control)				27. WAS WELL CORED Yes	
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"	24.4	266'	11"	225 ex. cement circ.	-0-
4 1/2" OD	10.54	4555'	7 7/8"	250 ex Class A, 4 1/2 gal 200 ex Class A, 2 1/2 gal	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
-0-	--	--	--	--	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2"	4480	No			
31. PERFORATION RECORD (Interval, size and number)					
Perforated 4499 - 4512, with fifteen shots					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4499-4512		2,000 gal. acid, 15% low surf. tension. Fraced w/20,000# 20-40 sand carried w/lease oil			
33.* PRODUCTION					
DATE FIRST PRODUCTION 10/5/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) shut-in
DATE OF TEST 10/6/66	HOURS TESTED 24	CHOKE SIZE 20/64	PROD'N. FOR TEST PERIOD 61	OIL—BBL. 25	GAS—MCF. -0-
WATER—BBL. -0-	GAS-OIL RATIO 410				
FLOW. TUBING PRESS. 50#	CASING PRESSURE 300#	CALCULATED 24-HOUR RATE 61	OIL—BBL. 25	GAS—MCF. -0-	OIL GRAVITY-API (CORR.) 33 at 60°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented					
35. LIST OF ATTACHMENTS Copy of Schlumberger logs and Core Analysis					
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 10/7/66	

*(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 38, 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 19: 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 38. 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: CORDED INTERVALS: AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core #1 (Queen) Analysis: 4275-4283	4272	4273	Sand, fine, gray, gilsonitic; dead oil	Base of salt Top of Yates Top of Queen Top of Pennrose	2862 3040 4238 4498	
	4273	4274	Sand, fine, red; no show			
	4274	4275	Sand, very fine, gray, tight; no show			
	4275	4280	Sand, fine, red, light odor, dull jeep show of oil			
	4280	4285	Sand, fine, red; no show			
	4285	4287	Sand, red, shaly, dolomitic; no show			
	4287	4290	Dolomite, red, dense, sandy			
	4290	4291	Sand, red, shaly, dolomitic; no show			
	4291	4295	Dolomite, dense, red-gray, shaly - sandy			
	4295	4297	Dolomite, dense, gray			
Core #2 (Pennrose) Analysis: 4502-4511 4514-4515 4518-4526	4502	4504	Sand, fine, gray, clean; good oil show			
	4504	4505	Sand, hard, gray, dolomitic, tight; no show			
	4505	4506	Sand, fine, gray, tight; show oil			
	4506	4511	Sand, fine, gray, porous; good show oil			
	4511	4514	Sand, fine, gray, tight; no show			
	4514	4515	Sand, fine, gray, tight; spotted show oil			
	4515	4518	Sand, fine, gray, tight, shaly; no show			
	4518	4522	Sand, fine, gray, tight; spotted show oil			
	4522	4525	Sand, fine, gray, tight, shaly; slight oil bleed			
	4525	4526	Sand, fine, gray; good oil show			
	4526	4528	Sand, fine, gray, tight, shaly; no show			
	4528	4529	Dolomite, gray, sandy, no show			