

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-2244	
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 Skelly Oil Company				7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR P. O. Box 1351, Midland, Texas 79701				8. FARM OR LEASE NAME Hughes Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit Letter P, 660' FSL & 660' FEL, Sec. 17-23S-37E At top prod. interval reported below ----- At total depth -----				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Langlie-Mattix	
15. DATE SPUDDED -----				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 17-23S-37E	
16. DATE T.D. REACHED -----				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 9-15-75				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3335' KB				19. ELEV. CASINGHEAD -----	
20. TOTAL DEPTH, MD & TVD 6108'		21. PLUG, BACK T.D., MD & TVD 3780'		22. IF MULTIPLE COMPL., HOW MANY* -----	
23. INTERVALS DRILLED BY -----		ROTARY TOOLS -----		CABLE TOOLS -----	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3499-3614' Langlie-Mattix				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN None				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE No Change		WEIGHT, LB./FT.		DEPTH SET (MD)	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
30. 2-3/8" OD		3654'		--	
31. PERFORATION RECORD (Interval, size and number) 3499-3614' 58 shots 0.41" Diameter holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED	
3499-3614'				2000 gals. 15% acid, 800# benzoic acid flakes, 2000# salt	
3499-3614'				30,000 gelled brine, 42,000# 20/40 sand, 600# benzoic acid flakes 1400# salt.	
33.* PRODUCTION					
DATE FIRST PRODUCTION Sept. 19, 1975		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" X 1-1/4" X 12' pump			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9-29-75		HOURS TESTED 24		CHOKE SIZE	
PROD'N. FOR TEST PERIOD -----		OIL—BBL. 4		GAS—MCF. 31	
WATER—BBL. 34		GAS-OIL RATIO 7750		FLOW. TUBING PRESS.	
CASING PRESSURE		CALCULATED 24-HOUR RATE -----		OIL—BBL. 4	
GAS—MCF. 31		WATER—BBL. 34		OIL GRAVITY-API (CORR.) 34	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Lease use and vented (connection anticipated in near future)				TEST WITNESSED BY -----	
35. LIST OF ATTACHMENTS None					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED (Signed) D. R. Crow		D. R. Crow		TITLE Lead Clerk	
DATE 10-1-75					

*(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 OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
1) Moved in workover rig September 3, 1975.						
2) Set CIBP at 3800' with 20' cement 3780' PHTD.						
3) Perforated 4-1/2" OD casing at 3450' with 2 shots.						
4) Spotted 250 gals. 15% acid over perfs. 3450'.						
5) Cement squeezed perfs. with 225 sacks Class C neat cement. WOC 38-1/2 hrs.						
6) Drilled cement 2879-3003'. Pressure tested squeeze job to 600# for 30 minutes. Held okay.						
7) Pressure tested squeeze job to 600# for 30 min. Held okay.						
8) Perforated 4-1/2" OD casing 3499-3506', 14 shots, 3520-3535', 10 shots, 3540-3544', 9 shots, 3560-3562', 4 shots, 3566-3568', 4 shots, 3578-3581', 3 shots, 3584-3586', 4 shots, and 3610-3614', 10 shots total 58 shots.						
9) Treated perfs. 3499-3614' with 2000 gals. 15% acid in 3 stages using 2 blocks of 800# benzoic acid flakes and 200# salt.						
10) Fracture treated perfs. 3499-3614' with 30,000 gals. 9.2# gelled brine and 42,000# 20/40 sand in 3 stages using 2 blks. consisting of 600# benzoic acid flakes and 1400# salt.						
11) Cleaned out 3560-3780'.						
12) Set 114 jts. (3654') 2-3/8" OD tubing at 3654'.						
13) Installed pumping equipment September 13, 1975.						
14) Pump tested Langlie-Mattix perfs. 3499-3614' 15 days, averaged 2 bbls. oil and 78 bbls. load water per day.						
Returned well to producing status September 29, 1975, pumping Langlie-Mattix perfs. 3499-3614' for 4 bbls. oil and 34 bbls. formation water per day.						