

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☒	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR SKELLY OIL COMPANY							
3. ADDRESS OF OPERATOR P. O. Box 730 - Hobbs, New Mexico 88240							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330' FSL & 660' FSL Sec. 21-17S-31E At top prod. interval reported below ----- At total depth -----							
5. LEASE DESIGNATION AND SERIAL NO. LC 029420 (b)							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----							
7. UNIT AGREEMENT NAME Shelly Unit							
8. FARM OR LEASE NAME Shelly Unit							
9. WELL NO. 77							
10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21-17S-31E							
12. COUNTY OR PARISH Eddy							
13. STATE New Mexico							
14. PERMIT NO. -----							
DATE ISSUED -----							
15. DATE SPUDDED 12-8-67							
16. DATE T.D. REACHED 12-11-67							
17. DATE COMPL. (Ready to prod.) 12-15-67							
18. ELEVATIONS (DF, REB, RT, GB, ETC.)* 3808' DF							
19. ELEV. CASINGHEAD -----							
20. TOTAL DEPTH, MD & TVD 3660 M.D.							
21. PLUG, BACK T.D., MD & TVD -----							
22. IF MULTIPLE COMPLET. HOW MANY? -----							
23. INTERVALS DRILLED BY ROTARY TOOLS 3446-3660'							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Perforations 3181-3366 MD Grayburg Open hole section 3464-3660 MD San Andres							
25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron							
27. WAS WELL CORED No							

CASEING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	22.7#	720'	10"	150	None
7"	20#	3413'	8"	325	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None	-----	-----	-----	-----	2-3/8"	3516'	-----

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
Perforated 7" OD casing 3181'-3366' with a total of 15 shots. See opposite side for details	<table><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr><tr><td>3464-3660'</td><td>1500 gallons 13% regular acid</td></tr><tr><td>3181-3366'</td><td>1000 gallons sand & 22 ball sealers</td></tr><tr><td>3181-3366'</td><td>15,000 gallons water 15,000# 20/40 sand.</td></tr></table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3464-3660'	1500 gallons 13% regular acid	3181-3366'	1000 gallons sand & 22 ball sealers	3181-3366'	15,000 gallons water 15,000# 20/40 sand.
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED								
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3181-3366'	1000 gallons sand & 22 ball sealers								
3181-3366'	15,000 gallons water 15,000# 20/40 sand.								

PRODUCTION							
DATE FIRST PRODUCTION 12-17-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-17-67	HOURS TESTED 24	CHOKE SIZE -----	PROD'N. FOR TEST PERIOD -----	OIL—BBL. 15	GAS—MCF. TSTM	WATER—BBL. 15	GAS-OIL RATIO 0
FLOW. TUBING PRESS. -----	CASING PRESSURE -----	CALCULATED 24-HOUR RATE -----	OIL—BBL. 15	GAS—MCF. TSTM	WATER—BBL. 15	OIL GRAVITY-API (CORR.) 35.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SKELLY OIL COMPANY	TEST WITNESSED BY Frank King
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35. LIST OF ATTACHMENTS None
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **12-18-67** TITLE **District Superintendent** DATE **12-18-67**

*(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			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
1. Moved in and rigged up		Workover Rig.					
2. Pulled rods and tubing.							
3. Ram drill pipe with bit and deepened well from 3446' to 3660'. Total Depth 3660'.							
4. Ram Gamma Ray Neutron Log.							
5. Perforated 7" OD casing with one shot per interval at the following depths: 3181', 3192', 3198', 3207', 3226', 3238', 3257', 3268', 3285', 3295', 3308', 3313', 3322', 3336', and 3366' a total of 15 shots.							
6. Treated down tubing into open hole 3464-3660' with 1500 gallons 15% regular acid.							
7. Treated down tubing into 7" OD casing perforations 3181-3366' with 1000 gallons 15% regular acid and 22 ball sealers.							
8. Treated down 7" OD casing perforations 3181-3366' with 15,000 gallons treated water. 15,000# 20/40 sand and 25# Admaite per 1,000 gallons.							
9. Ran tubing and pulled retrievable bridge plug.							
10. Ran tubing and rods.							
11. Well pumped 15 barrels oil in 24 hours, returned well to producing status 12-17-67.							
			Work over operation, commenced 12-8-67 Well completed 12-15-67				