

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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. LC-062749 (B)	
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 Highland Production Company		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 810 N. Dixie Blvd., Suite 202, Odessa, Texas 79761		8. FARM OR LEASE NAME Conoco "A" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 330' From North Line and 2080' From West Line At top prod. interval reported below 330' From North Line and 2080' From West Line At total depth 330' From North Line and 2080' From West Line		9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED 2/16/89		10. FIELD AND POOL, OR WILDCAT North Mason (Delaware)	
15. DATE SPUNDED 3/21/89		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 19, T-26-S, R-32-E, NMPM	
16. DATE T.D. REACHED 4/5/89		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 5/3/89		13. STATE New Mexico	
18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 3207.7 GR		19. ELEV. CASINGHEAD 3209.7	
20. TOTAL DEPTH, MD & TVD 4330		21. PLUG, BACK T.D., MD & TVD _____	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY ROTARY TOOLS 4306	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4306 - 4330 Open Hole Delaware		CABLE TOOLS 4330	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron Log	
27. WAS WELL CORED NO		28. WAS WELL CORED NO	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24. #	1164'	12 1/4"
5 1/2"	15.5 #	4303'	7 7/8"
CEMENTING RECORD			
200 SKS HLN			
450 SKS Premium C 2% CaC			
650 SKS C, 15# Salt			
300 SKS C 50/50 POZ 3# Salt			
AMOUNT PULLED Circulate to surface. Circulate 100 Sacks.			
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
2 3/8"	_____	_____	_____
31. PERFORATION RECORD (Interval, size and number) 4306 - 4330 Open Hole			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4306 - 4330'		8,000 Gal My-T-Oil II	
_____		800# K-34 Breaker	
_____		3,500# 20/40 Sand & Smaller	
_____		2,000# 12/20 & 16/30 Sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 5/14/89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 5/15/89		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD OIL—BBL. 27	GAS—MCF. 45
FLOW. TUBING PRESS. -	CASING PRESSURE 40	WATER—BBL. 20	GAS-OIL RATIO 1666.66
CALCULATED 24-HOUR RATE OIL—BBL. 27		OIL GRAVITY-API (CORR.) 39.7	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS 1 copy Inclination Report, 1 Gamma Ray Neutron Log			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Johnnye L. Nance		TITLE Assistant Secretary	
DATE 5/24/89		TEST WITNESSED BY Marvin L. Smith	

(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	TRUE VERT. DEPTH
Delaware	4306	4330	95% Sandstone, light gray to gray slightly shaly, slightly calcareous, slightly laminated with black shale, silty, 80% good to fair oil fluorecence, SL cut when crushed. 5% shale, black silty. Bailed slight rainbow show of oil with odor of sweet gas.	Top Rustler FM	964	
				Top Salado Salt	1300	
				Top Castile FM	2304	
				Top Uppermost		
				Salt in Castile FM	2919	
				Top "M" Salt in		
				Castile FM	3576	
				Base of "M" Salt	3722	
				Top Lowermost		
				Salt	3818	
Base Lowermost						
Salt	4064					
Top Lamar Shale						
"Delaware Lime"						
Top Delaware						
Sandstone						
					4202	
					4304	

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