

N. M. OIL CONS. COMMISSION
P. O. BOX 1983
HOBBS, NEW MEXICO 88240
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 43-11255.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐				5. LEASE DESIGNATION AND SERIAL NO. LC-068281B	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ REPERFORATE ☐ OTHER ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR: Highland Production Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR: P. O. Box 5326, Odessa, Texas 79757-6326				8. FARM OR LEASE NAME Russell Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 330 FWL & 2340 FSL of Section 20 At top prod. interval reported below 330 FWL & 2340 FSL of Section 20 At total depth 330 FWL & 2340 FSL of Section 20				9. WELL NO. 12	
10. FIELD AND POOL, OR WILDCAT East Mason (Delaware)				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 20, T-26-E, R-32-E, NMPM	
12. COUNTY OR PARISH Lea		13. STATE New Mexico			
15. DATE SPUNDED 3-16-85	16. DATE V.D. REACHED 3-24-85	17. DATE COMPLETION (Report to BLM) 6-27-85	18. ELEVATION (OF AEB, RT, OR, ETC.) * 3178.1 GR		19. ELEV. CASINGHEAD 3179
20. TOTAL DEPTH, MD & FVD 4335		21. LOG. BACK V.D. MD & FVD		22. G. METERED COMPLETION (HOW MANY) *	23. INTERVALS (RIGGED IN) 4324
24. PRODUCING INTERVAL (BASE OF THIS COMPLETION - TOP, BOTTOM, FIVE (MD AND FVD) * 4324 - 4335					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS LOG Gamma Ray - Neutron Log					27. WAS WELL Cased No
28. CASING RECORD (Report all strings set or used)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.5	1158	12 1/4"	250 sacks	None
5 1/2"	19.50	4324	7 7/8"	600 sacks	None
29. TUBING RECORD					
SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	PAKING SET (MD)		
2 3/8"		4238	4335		
30. PRODUCTION					
31. PRODUCTION METHOD (Flowline gas lift, pumping, etc. and type of pump) Gado: 218 Pumping Unit: 2 x U.S. 12 WBC Triplex					
DATE FIRST PRODUCTION 6-29-85		WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 7-8-85	FOURS TESTED 24	WELL SIZE 2 3/8"	PROD. FOR 24 HOURS 0	REL. PERM. 30	CAS-OIL RATIO 1000
1. 90° TUBING PRESS. 0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE 0	REL. PERM. 30	WELL GRAVITY 40.1	
32. PRODUCTION RECORD (Interval, rate and number)					
DATE 6-29-85		WELL STATUS Producing			
INTERVAL 4324 - 4335		AMOUNT AND KIND OF MATERIAL USED 6400 Gal. Frac oil 20 sacks sand 20/40 10 sacks sand 10/20 12 sacks sand 10/30			
33. PRODUCTION RECORD (Interval, rate and number)					
34. PRODUCTION RECORD (Interval, rate and number)					
35. LIST OF ATTACHMENTS 1 copy Deviation Survey, 1 copy 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 Gavin L. Smith		TITLE President		DATE July 9, 1985	

*(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 23. 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 SS.

DEPTH INTERVAL TESTED, (FISHER'S) SLO. TEST TOOL, GELS, FLOWING AND SHUT IN PRESSURES, AND PROPERTIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware SS	4331	4339	95% Sandstone, light gray to gray slightly shaly, slightly calcareous, slightly laminated with black shale, silty. 80% good to fair oil fluorescence, SL out when crushed. 5% shale, black silty. Bailed slight rainbow show of oil with odor of sweet gas.	Top Rustler FM	976	
				" Salado Salt	1310	
				" Castile FM	2313	
				" Uppermost Salt in Castile FM	2929	
				" " salt in		
				Castile FM	3584	
				Base of "M" Salt	3730	
				Top Lowermost Salt	3828	
				Base lowermost Salt		
				Top Lamar Shale	4074	
				" Delaware Lime "	4290	
				Top Delaware Sandstone	4315	
				Top Ramsey Sand	4341	

RECEIVED
JUL 25 1965