

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 ☐ HOT ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-068281B	
5. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ PLUG BACK ☐ DIFF. PASS. ☐ 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 6326, Odessa, Texas, 79767-6326		8. FARM OR LEASE NAME Russell Federal	
4. LOCATION OF WELL (Report location clearly and in detail. Indicate any State or National boundaries crossed.) At surface 2310' FEL and 1980' FEL on Section 17, T-26-S, R-32-E, NMPM At top prod. interval reported below Same as above. At total depth Same as above.		9. WELL NO. 11	
10. PERMIT NO. Sept. 17, 1984		11. FIELD AND POOL, OR WILDCAT East Mason (Delaware)	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 9-17-84	16. DATE T.D. REACHED 10-3-84	17. DATE COMPLETION (Ready to produce) 10-15-84	18. ELEVATIONS (FEET, PERCENT, OR FEET) 3163.8 Gr
19. TOTAL DEPTH, MD & TVD 4364'	20. PLUG BACK T.D., MD & TVD 4364'	21. INITIALS DELETED	22. ELEV. CASINGHEAD 3164'
23. PRODUCING INTERVAL(S), OF THE COMPLETION TOP, BOTTOM, OF NAME (AND AREA, IF ANY) Open Hole: 4349 - 4364		24. WAS DIRECTIONAL SURVEY MADE No	
25. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Neutron Log		26. WAS WELL CORED No	
27. CASING RECORD (Report all casing set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24. #	1062	12 1/4"
5 1/2"	15.50#	4349	7 7/8"
			600 sacks
			550 Sacks
			None
			None
28. LINER RECORD			
SIZE	TOP (MD)	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3384"		No
29. PERFORATION RECORD (Interval, size and number)			
Open Hole: 4349' - 4364'			
30. ACID, SUGI, FRACTURE CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED			
31. PRODUCTION			
DATE FIRST PRODUCTION 10-16-84	PRODUCTION METHOD (Pumping, gas lift, pumpjack, size and type of pump) Pumping - Trico 1" x 14" x 121 RWB		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 10-16-84	HOURS TESTED 24	CHARGE SIZE -	PERCENT FOR TEST PERIOD 60
FLOW TUBING PRESS. -6-	CASING PRESSURE -	CALCULATED 24-HOUR RATE -	WATER - GPM 115
32. DISPOSITION OF GAS (sold, used for fuel, vented, etc.) Sold		WATER - GPM 10	
33. LIST OF ATTACHMENTS 1 copy Deviation Survey, 1 copy Gamma Ray-Neutron Log		OIL GRAVITY-API (COER) 40.2	
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TEST WITNESSED BY	
SIGNED Marvin L. Smith		TITLE President	
		DATE October 26, 1984	

*(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 23, 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 are 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 FORMER ZONES		38. GEOLOGIC MARKS		
SHOW ALL IMPORTANT ZONES, INTERVALS, AND ALL DEPENDENT TESTS, INCLUDING DEPTH INTERVAL TESTS, CORES, FLUIDS, AND SHUT-IN PRESSURES AND LOGS		39. LOG		
FORMATION	TOP	MEAS. DEPTH	TRUE VERT. DEPTH	
Delaware	4362.5	Top Rustler Fm.	1009	
		Top Salado Salt	1328	
		Top Castile Fm.	2238	
		Top Uppermost		
		Salt in Castile		
		Fm.	2906	
		Top M Salt in		
		Castile	3595	
		Top Lowermost		
		Salt in Castile	3856	
Base Lowermost				
Salt in Castile	4101			
Top Lamar Shale	4312			
Top Delaware				
Sand	4337			
Top Ramsey Sand	4363			

(-1140)

(-1191)