

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☒ Other _____										5. LEASE DESIGNATION AND SERIAL NO. NM 15443-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 PETROLEUM DEVELOPMENT CORPORATION										7. UNIT AGREEMENT NAME --	
3. ADDRESS OF OPERATOR 9720 B Candelaria, NE, Albuquerque, NM 87112										8. FARM OR LEASE NAME SUNDANCE FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FEL, 1980' FSL At top prod. interval reported below At total depth										9. WELL NO. 1	
14. PERMIT NO. -- DATE ISSUED --										10. FIELD AND POOL, OR WILDCAT Undesignated Mississippian	
15. DATE SPUDDED 7/12/78 16. DATE T.D. REACHED 8/25/78 17. DATE COMPL. (Ready to prod.)										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T12S, R30E	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3922 GL - 3937 KB										12. COUNTY OR PARISH Chaves	
19. ELEV. CASINGHEAD 3937 KB										13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 10,055 21. PLUG, BACK T.D., MD & TVD 4036 22. IF MULTIPLE COMPL., HOW MANY*										23. INTERVALS DRILLED BY 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* --										25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-DLL, Gamma Ray										27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/8"		48#		500'		17-1/2		435 "C", 4% gel			
8-5/8"		24#		2800'		11		(625 Sx. BJ Lite, 15# salt		500 sx "C")	
4-1/2"		9.5#		4082'		7-7/8		450 sx. "C"			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3/8		3922		3321							
31. PERFORATION RECORD (Interval, size and number) See attached typed notes											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
See attached typed notes.											
33.* PRODUCTION											
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Perforation record (1)											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED J. C. Johnson				TITLE President				DATE 11-10-78			

*(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 83, 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.

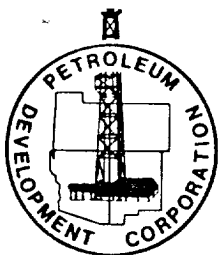
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state 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

17. 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					GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
San Andres	3100	3205	DST #1: 3100-3205, 15"90"90"180"	Rustler	600'	(+3337)	
			IHP: 1448	Salt	730'	(+3207)	
			IFP: 99-199	Queen	2077'	(+1847)	
			FFP: 239-239	San Andres	2675'	(+1262)	
			ISIP: 1409	Abo	6277'	(-2340)	
Mississippian	9675	9890	FSIP: 1421	Wolfcamp	7460'	(-3523)	
			FHP: 1429	Pennsylvanian	8220'	(-4313)	
			Black oil: gravity 28.2° @ 60.	Mississippian	9652'	(-5763)	
			DST #2: 9675-9890 20"90"60"120"				
			IFP: all indicated tool plugging				
Mississippian	9714	10055	ISIP: all showed 318 psi				
			FFP: all showed 318 psi				
			FSIP: 318 to 956 psi				
			DST #3: 9714-10055, 15"120"90"30"				
			IFP: 224				
			FFP: 237				
			ISIP: 919				
			FSIP: 1146				
			HP: 5213				
			BHT: 160				



PETROLEUM DEVELOPMENT CORPORATION

9720-B CANDELARIA, NE
ALBUQUERQUE, NEW MEXICO 87112
TELEPHONE (505) 293-4044

PERFORATION RECORD FOR

SUNDANCE FEDERAL #1
660' FEL, 1980' FSL
Sec. 28, T12S, R30E

RECEIVED
NOV 1 1978
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Completion date: 10-22-78

Perforated 3856 to 60' w/2 JHPF. Recovered approx. 2 bbls. salty sulphur water per hour. Set CIBP @ 3780'. Dumped 20' cement on BP. Perforated 3382-91 with 3 JHPF. Swabbed one bbl. salty sulphur water per hour. Squeezed perforated 3382-91 w/50 sx. @ 3000#. Perf. 3356-3369 w/2 JHPF. Acidized w/4000 gal. 28% HCL. Swabbed dry w/slight trace oil. Perf. 3139-48; 3180-83; 3187-90; 3216-30; 3273-76; 3307-12; 3323-27; 3333-36. Swabbed salty sulphur water with show of oil & gas. Straddled perforations 3139-3230. Acidized w/4500 gal. 28% HCL. Swabbed 1/2 bbl. per hour - 5% oil. Perf. 2274-90 w/2 JHPF. Acidized w/500 gal. 10% MCA; swabbed dry. No recovery.

11-10-78