

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

COMMISSION

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 ☐		DATE <u>OCT 7 1981</u>	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		OIL & GAS	
2. NAME OF OPERATOR PETROLEUM DEVELOPMENT CORPORATION		U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
3. ADDRESS OF OPERATOR 9720-B Candelaria, N.E., Albuquerque, N.M. 87112			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface H, 660' FEL, 1,980' FNL, Sec. 33, T18S, R32E At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 6/22/79		16. DATE T.D. REACHED 8/20/79	
17. DATE COMPL. (Ready to prod.) 9/19/79		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
20. TOTAL DEPTH, MD & TVD 13,032		21. PLUG, BACK T.D., MD & TVD 12,979	
22. IF MULTIPLE COMPLETIONS, INTERVALS DRILLED BY PETER W. CHESTER		23. ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow Sand 12,610' - 12,756'		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL - Densilog-Neutron, Lateral Log		27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	54.5#	415	17 1/2"
8-5/8"	24#	4,180	11"
4 1/2"	11.6#	13,023	7-7/8"
CEMENTING RECORD			
450 sx. H 2% gel, 2% CaCl ₂			
875 sx. Lite, 250. sx. C			
310 sx. H 65-35,400 sx H			
AMOUNT PULLED None None None			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	12,559'	12,563'	
31. PERFORATION RECORD (Interval, size and number)			
12,610'-12,625'; 12,674'-12,678'; 12,690'-12,694'; 12,707'-12,711'; 12,742'-12,756'; used 4 jet shots per foot (total - 164 shots)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
12,610'-12,756'		4,000 gal. 7.5% MSR; 1,000 cu. ft. N ₂ /bbl.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 3/15/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 3/21/81		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 12	CHOKED SIZE 15/64	PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 2,900-2,700	CASING PRESSURE -0-	PROD'N. FOR 24-HOUR RATE →	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY Jim C. Johnson			
35. LIST OF ATTACHMENTS			
NOTE: Rate too small to obtain 4 point test.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Jim C. Johnson</u>		TITLE <u>Field Manager</u>	
		DATE <u>9/15/81</u>	

*(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
Rustler Dolomite	1,382	1,368	Brackish shale, salty water	Rustler	1,204	+2,512
Strawn Limestone	11,682	11,714	Oil, Gas, water	Salt	1,485	+2,231
Morrow Sand	12,618	12,902	Gas and condensate	Tansill	2,648	+1,068
DST #1 - 11,642'	-824 - 20"	-90" - 120" - 240"		Yates	2,840	+ 876
SBA on IF. FF	SBA, GTS 80"	on FF, TSTM, Rec. 693'	oil, 1,682' G & O CM	Seven Rivers	3,280	+ 436
Sampler Recovery:	507 psi,	4.2 cfg,	50 cc oil, 1,900 cc drlg. fluid.	Queen	3,907	- 191
(oil Gravity 410 API)				Grayburg	4,424	- 708
HH 5924-5907, IF 533-559, FF 624-1053, SIP 5712-5648				Delaware	5,288	-1,572
DST #2 - 12,591-761, 3/4" BHC; 1/2" SQ, 1000# WB, 15"-90"-150"-300"				Bone Spring	7,050	-3,334
GTS 20". Final flow stabilized @ 500 MCFPD @ 60 psi FSP. Reversed out				Wolfcamp	10,361	-6,645
400' gas cut drilling fluid. Sampler recovery 300 psi; 650 cc gas cut drilling				Strawn	11,556	-7,840
mud, 2.735.cfg.				Atoka	11,988	-8,272
HH 6704-5683, IF 723-617, 2nd IF 638-723, SIP 5620-5726, BHT 1780f				Morrow	12,236	-8,520

RECEIVED
OCT 19 1981