

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.

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.
NM 84196. IF INDIAN, NAME OF TRIBE AND NAME
--7. UNIT AGREEMENT NAME
-- ARTESIA, OFFICE8. FARM OR LEASE NAME
ARROYO FEDERAL9. WELL NO.
210. FIELD AND POOL, OR WILDCAT
West Indian Basin
Undesignated Morrow11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 24, T21S, R22E
NMPM12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RE-ENTRY ☐ Other RE-ENTRY2. NAME OF OPERATOR
PETROLEUM DEVELOPMENT CORPORATION3. ADDRESS OF OPERATOR
9720 B Candelaria NE, Albuquerque, New Mexico 871124. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL, 2280' FWL,

At top prod. interval reported below

At total depth

14. PERMIT NO.
--DATE ISSUED
--

15. DATE SPUDDED 12/27/79 16. DATE T.D. REACHED 1/1/80 17. DATE COMPL. (Ready to prod.) 3/5/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4148GL 19. ELEV. CASINGHEAD 4148 GL

20. TOTAL DEPTH, MD & TVD 9300 21. PLUG, BACK T.D., MD & TVD 9173 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 0-TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8962-9088 Morrow Sand 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN None 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	54	505	17½	625 sx.RediMix to surf.(set 5/13/79)	
8-5/8	24	1975	12¼	1300 sx.Cem.circ.(set 5/19/79)	
4½	11.6	9216	7-7/8	450 sx.	

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	8885	8879

31. PERFORATION RECORD (Interval, size and number)

9083-9088 2JHPF
9038-9052 2JHPF
8962-8970 2JHPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8962-9088	5500 gal. 7½% MSR acid
8962-9088	Frac:15,000 gal. Cross-link gel w/20000# 20-40 mesh sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/4/80	2	5/16	→	0	75	2	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
395	pkf	→		100			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY
Joe B. Murray

35. LIST OF ATTACHMENTS

AOF

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Secretary

DATE

5/2/80

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	88. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
MORROW	8962	9088	Sand, Gas	Glorieta	2068	(+2096)
				Yeso	2164	(+2000)
				Tubb	2929	(+1235)
				Abo	4692	(-528)
				Wolfcamp	5937	(-1773)
				Cisco	7230	(-3066)
				Canyon	7958	(-3794)
				Strawn	7898	(-3734)
				Atoka	8527	(-4363)
				Morrow	8832	(-4668)