

c/5t

Director DD
Artesia, NM 88210

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.

RECEIVED BY
JUL 24 1984
O. C. D.
ARTESIA, OFFICE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR: Tapco Oil Company

3. ADDRESS OF OPERATOR:

611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface 1780' FNL & 660' FWL of Section 35

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

NM-19601

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Union 35 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dublin Ranch Atoka

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35, 22S, 28E

11. PERMIT NO. DATE ISSUED 11-18-83 12. COUNTY OR PARISH Eddy 13. STATE New Mexico

14. DATE SPUNDED 11-30-83 15. DATE TD REACHED 3-11-84 16. DATE COMPL. (Ready to prod.) 7-10-84 17. ELEVATIONS (DF, EMB, ET, GR, ETC.) * 3064 Gr. 18. ELEV. CASINGHEAD 3062'

19. TOTAL DEPTH, MD & TVD 12,950' 20. PLUG, BACK T.D., MD & TVD 11,900' 21. IF MULTIPLE COMPLEMENTS, HOW MANY? 22. INTERVALS DRILLED BY 0 to T.D. 23. ROTARY TOOLS 0 24. CABLE TOOLS 0

25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *

Atoka Top 11,516' MD and bottom 12,180' MD

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron-Litho Density; DLL Micro-SFL; Electromagnetic Propagation; and CNL/LDT/EPT Cross Plot

27. WAS WELL CORED No

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	452	17-1/2	575 sks	None
9-5/8	40	2729	12-1/4	1300 sks	None
7	23 & 26	11,324	8-3/4	3 stages w/2100 sks	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	10923	12949	275		2-7/8	11,436	11,400

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,514' to 11,517' w/6 0.33" holes				11,514' - 11,661'	2000 gals of 7-1/2% MS Acid
11,576' to 11,580' w/8 0.33" holes					
11,606' to 11,610' w/8 0.33" holes					
11,644' to 11,648' w/8 0.33" holes					
11,657' to 11,661' w/8 0.33" holes					

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-22-84		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL	GAS—BBL	WATER—BBL	GAS-OIL RATIO
7-12-84	See N.M. Form		C-122 "Back Pressure Test"				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS Vented TEST WITNESSED BY West Engineering

Electric Logs, N.M. Form C-122, and Inclination Report JUL 19 1984

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

SIGNED Richard A. Barton TITLE Petroleum Engineer DATE 7-23-84

*(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 (multiple completion), or 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: "Stacks Content": 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
Delaware Sand	3,746'	3,780'	DST No. 1: 2 hr flow test, no cushion. Had 5# on bubble hose after 15 min. pre-flow. GTS in 9 min on 2 hr flow test, strong blow on 1/4" choke. No fluid to surface. Rec. 310' oil, 74' O&GC mud and 90' of sulphur water. IFP 83#, FFP 167#, 1 hr ISIP 749# and 4 hr FSIP 1637#.	Delaware Sand	2,742'	
				Cherry Canyon	3,380'	
				Beil Canyon	4,788'	
				Bone Spring	6,246'	
				1st Bone Spring	7,251'	
				2nd Bone Spring	8,009'	
				3rd Bone Spring	9,232'	
				Strawn	11,305'	
				Atoka	11,516'	
				Lower Atoka	11,675'	
				Morrow	12,180'	
				Lower Morrow	12,620'	
Bone Springs	8,277'	8,317'	DST No. 2: (Straddle Test) 2 hr flow test, no cushion. Opened with weak blow and had weak blow for 2 hr test. Rec. 182' sli O&GC mud, IFP 64#, FFP 90#, 1 hr ISIP 115# and 4 hr FSIP 1472#.			
			DST No. 3: 2 hr flow test, no cushion. Had strong blow on 15 min pre-flow. Had strong blow for 2 hr Flow test. Rec 60' of drilling mud. IFP 65#, FFP 65#, 1 hr ISIP 174# and 4 hr FSIP 414#.			
Bone Springs	8,217'	8,317'	DST No. 4: 3 hr flow test, no cushion. Had weak blow for 15 min pre-flow. Opened with weak blow for 3 hr flow test, dead after 2 hrs & 40 min. Hole came in D.P.			