

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions
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 ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:				NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Cleary Petroleum Corporation									
3. ADDRESS OF OPERATOR P. O. Drawer 2358, Midland, Texas 79702									
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									
14. PERMIT NO. Letter				DATE ISSUED 12-30-76					
15. DATE SPUDDED 1-18-77		16. DATE T.D. REACHED 3-7-77		17. DATE COMPL. (Ready to prod.) 4-23-77		18. ELEVATIONS (DE, REB, RT, GR, ETC.)* 3717' GR; 3735' KB		19. ELEV. CASINGHEAD 3714'	
20. TOTAL DEPTH, MD & TVD 14125'		21. PLUG, BACK T.D., MD & TVD 14082'		22. IF MULTIPLE COMPL., HOW MANY* ---		23. INTERVALS DRILLED BY ---		ROTARY TOOLS 0 - 14125'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13688 - 14027' Morrow								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Radioactivity Log, Compensated Acoustic Velocity Log, Micro-Seismogram								27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well) * Circulated cement									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
13 3/8"		48#		468'		17 1/2"		650 sx *	
9 5/8"		40, 43.5, 47 & 53.5#		5572'		12 1/2"		1 stage - 700 sx, DV tool set @ 3308'; 2nd - 1625 sx	
5 1/2"		20 & 17#		14124'		7 7/8"		875 sx	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2 7/8"		13565'		13565'					
31. PERFORATION RECORD (Interval, size and number) 13688 - 14027' 0.48" & 0.41" holes 74 holes (See attachment for individual intervals)									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
13688 - 14027'				Acidized w/6000 gal. 7 1/2% Ezeflow acid.					
33.* PRODUCTION									
DATE FIRST PRODUCTION 4-23-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 5-20-77		HOURS TESTED 24		CHOKE SIZE 18/64		PROD'N. FOR TEST PERIOD ---		OIL—BBL. 94	
FLOW. TUBING PRESS. 2350		CASING PRESSURE Pkr.		CALCULATED 24-HOUR RATE ---		GAS—MCF. 3650		WATER—BBL. Trace	
								OIL GRAVITY-API (CORR.) 46.3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold								TEST WITNESSED BY Clarence Forister	
35. LIST OF ATTACHMENTS Perforation Record, C-122, Deviation Report (Logs were previously submitted to USGS)									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED _____				TITLE Assistant District Prod. Mgr.				DATE 5-21-77	

*(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.	38. GEOLOGIC MARKERS	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Morrow	13688	14027	Sand - Gas & Condensate	Rustler Anhy.	1392'		NA
Atoka	12665	12825	Drill-Stem Test: #1 Opened tool for 10" preflow @ 3:10 a.m. on 2-26-77. Telemeter registered gas immediately. Closed in for 1 hr. ISIP. Opened for 2 1/4 hr. flow period. Closed in for 5 hrs. FSIP. Recovered 800' condensate & 2500' HGC water blanket. IHP 6443, 10" IFP 1162-1118, 60" ISIP 6788, 2 1/4 hr. FFP 1191-1471. 5 hr. FSIP 6715.	Base Salt	3244'		NA
				Yates	3358'		NA
				Capitan Reef	3530'		NA
				Wolfcamp	11060'		NA
				Strawn	12601'		NA
				Atoka	12750'		NA
				Morrow	13544'		NA
				Lower Morrow	13962'		NA

New Mexico Federal "C" #1

Individual Zones perforated as follows

<u>Depth</u>	<u>Ft. of Perf.</u>	<u>No. of Holes</u>
13,688-91'	3'	4
13,697-99'	2'	3
13,737-39'	2'	3
13,753-69'	16'	17
13,847-50'	3'	4
13,857-59'	2'	3
13,900-12'	12'	13
13,929-33'	4'	5
13,939-43'	4'	5
13,989-96'	7'	8
14,008-11'	3'	4
14,023-27	4'	5
Total	<u>62'</u>	<u>74</u>

Intervals 13,989-996' (8 holes) and 13,941-43' (3 holes) perforated w/4" wesjet magnum (0.48" holes). Other zones were perforated w/ 3 1/8" wesjet magnum (0.41" holes).