

10-25-71

CENTRAL FILE

HUMBLE OIL & REFINING COMPANY

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

October 25, 1971

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

W. R. WARDROUP
DIVISION DRILLING SUPERINTENDENT

RECEIVED

OCT 31 1974

O. C. C.
ARTESIA OFFICE

United States Geological Survey
P. O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry Long

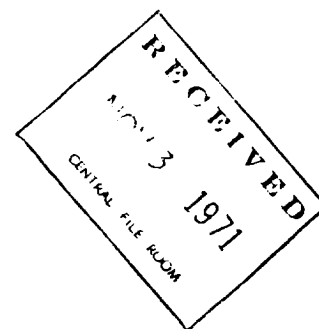
We respectfully request that all information be kept confidential for a period of six (6) months after the well completion on the following location:

<u>Lease Name & Well No.</u>	<u>Section, Township, Range</u>	<u>County</u>
<u>Federal - Cherokee #1</u>	Sec. 3, T-19-N, R-32-E	Harding, New Mexico

Very truly yours,

W. R. Wardroup
W. R. Wardroup

DLC:mej



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.

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						RECEIVED	
Humble Oil & Refining Company						OCT 31 1974	
3. ADDRESS OF OPERATOR						P. O. Box 1600, Midland, Texas 79701	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)						D. C. C. ARTESIA, OFFICE	
At surface 1998.7' FWL & 350' FSL							
At top prod. interval reported below Same							
At total depth Same							
14. PERMIT NO.		DATE ISSUED					
-		8-16-71					
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
10-7-71	10-13-71	Dry Hole		4770' GR		-	
20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS	
2,100'	-	-		→		0 - 2100'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
Dry Hole						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Gamma Ray-Sonic; Dual Induction Laterlog						Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
7-5/8"	26.4#	235'	9-7/8"	100 SX		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
None					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
None					DEPTH INTERVAL (MD)		
					None		
					AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Dry Hole		-				P&A 10-15-71	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
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.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		A. L. Clemmer				TITLE	
						Proration Specialist	
						DATE 10-25-71	

*(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 16: 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
Shale & Sand	0	240		Todilto	240	
Anhy & Shale	240	462		Entrada	270	
Red Bed	462'	891		Chinle	350	
Red Bed, Sand & Shale	891	1218		Permian	1390	
Red Bed & Shale	1218	1308		San Andres	1590	
Chert & Sand	1308	1585		Glorieta	1850	
Anhy & Lime	1585	1670				
Anhy, Lime & Dolomite	2098	2098				
Anhy & Lime	2098	2100 T.D.				
DST #1 from 1720' to 1820'						
DST #2 from 1837' to 2100'						
Core #1 from 1835' to 1885'						

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 13558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal - Cherokee

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 3, T-19-N, R-32-E

12. COUNTY OR PARISH 13. STATE

Harding

New Mexico

1. OIL ☒ GAS ☐
WELL WELL OTHER

RECEIVED

2. NAME OF OPERATOR

Humble Oil & Refining Company

OCT 31 1974

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1,998.7' FWL & 350' FSL

O. C. C.
ARTESIA, OFFICE

14. PERMIT NO.

Approved 8-16-71

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,770' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Commence drilling operations

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU. Spudded 9-7/8" hole at 8:30 AM 10-7-71. Drilled to 240', rigged up and ran 228' of 7-5/8" OD 26.4# casing, set at 235', cemented with 100 sacks, circulated approximately 20 sacks of cement. WOC 18 hours. Tested 7-5/8" casing w/500 psi for 30 minutes, test O. K. Resumed drilling and drilled to 1720'. Ran DST #1 from 1720' to 1820'. Cut Core #1 from 1835' to 1885'. Drilled to 2,100' TD. Ran DST #2 from 1837' to 2100. Ran Gamma-Ray Sonic and Dual Induction Laterlog. Plugged and abandoned hole as follows:

Plug No. 1	25 sx Class "H" Cement from 1879' to 1762'.
Plug No. 2	25 sx Class "H" Cement from 1600' to 1483'.
Plug No. 3	25 sx Class "H" Cement from 1260' to 1143'.
Plug No. 4	25 sx Class "H" Cement from 255' to 138'.
Plug No. 5	5 sx Class "H" Cement from 15' to 0'.

Placed mud laden fluid between each plug, installed dry hole marker. Job complete at 6:00 AM 10-15-71 FRR & FRW.

18. I hereby certify that the foregoing is true and correct

SIGNED

A. L. Clemmer

TITLE

Proration Specialist

DATE 10-25-71

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

FEB 21 1972

*Jerry W. Long*JERRY W. LONG
DISTRICT ENGINEER

TITLE

DATE

*See Instructions on Reverse Side

CC: CENTRAL FILE

CC: DRILLING SECTION

CC: PRORATION SPEC.

HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS 79701

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

October 25, 1971

POST OFFICE BOX 1600

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON OUR FEDERAL-CHEROKEE NO. 1,
HARDING COUNTY, NEW MEXICO:

<u>DEPTH</u>	<u>DEGREES OF DEVIATION</u>
300'	3/4°
1250'	3/4°
1585'	1°
1820'	1/4°

RECEIVED

OCT 31 1974

O. C. C.
ARTESIA, OFFICE

HUMBLE OIL & REFINING COMPANY

BY A. L. Clemmer
PRORATION SPECIALIST

SWORN TO and subscribed before me this 25 day of October, 1971

Mary L. Jones
Notary Public
Midland, Texas

My commission expires: 6-1-72