

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-16138

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pitchfork 34 Federal Com.

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat Atoka

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

Sec. 34, T24S, R34E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

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
HNG OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

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

At surface 1980' FSL & 660' FWL

At top prod. interval reported below

Same

At total depth
Same

14. PERMIT NO.

DATE ISSUED

10/22/82

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

11-11-82

1-22-83

6-10-83

3394' GR

3394'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

15,435'

14,103'

ROTARY TOOLS

CABLE TOOLS

X

13,924' - 13,930' (Atoka)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Formation Density, BHC Sonic, Composite of Dual

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well) / Laterolog and Dual Induction

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	43#	600'	17-1/2"	265 Pacesetter Lite & 250	Cl C Circ.
9-5/8"	36#	5250'	12-1/4"	2575 Pacesetter Lite & 425	Cl C Circ.
7"	26#	13250'	8-3/4"	750 Pacesetter Lite & 375	Cl H

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	12,721'	15,435'	475 Cl H	-	2-7/8"	12,723'	MWL SA @ 12,723'

31. PERFORATION RECORD (Interval, size and number)

13,924' - 13,930' (.29" 14)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13924-13930	None

*See Reverse

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-9-83		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-10-83	24	7/64"	→	10	2100	0	210
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
8100	Sealed	→	ACCEPTED FOR RECORD			30.5	

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

Betty Gildon

TITLE

Regulatory Analyst

DATE

6/15/83

*(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.)

*MORROW PERFORATIONS:

15024 - 15046, 15053 - 15056 (.34" 20 shts/ft.) and 15057 - 15062 (.34" 6) - Squeezed with 250 Sx. C1 H tested to 6000#.
 15031 - 15038 (.34" 6) Sq. w/35 Sx. C1 H tested to 8500#. 14761-14766 (.24" 2 shts/ft.) and 14785 - 14794 (.25" 10) Squeezed w/35 Sx. C1 H tested to 8500#. 14427 - 14573 (.25" 18) squeezed with 70 Sx. C1 H tested to 8000#.

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		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Mtn. Group	0	2850	Surf, Anhy, Lime	Delaware Mtn. Grp.	5322	
Cherry Canyon	2850	4055	Anhy, Salt	Cherry Canyon	6288	
Leonard & Bone	4055	4392	100% Anhy	Cherry Canyon Mkr	6510	
springs	4392	5090	Anhy, Lime	Leonard	9085	
Wolfcamp	5090	5670	100% Anhy	Bone Springs Lime	9233	
Penn., Strawn & Atoka	5670	6685	100% Sand	1st Bone Spgs Sd	10218	
	6685	9735	Lime, Shale, Sand	Wolfcamp	12132	
	9735	10415	Lime, Chert	Penn	13542	
	10415	12385	Lime, Shale, Sand, Chert	Strawn	13572	
	12385	14090	Lime, Shale	Atoka	13718	
	14090	14147	Lime, Shale, Chert	Morrow Lime	14224	
Morrow	14147	15435	Lime, Sand, Shale	Morrow Clastics	14424	

RECEIVED
 JUN 29 1983
 FEDERAL OFFICE