

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYN. M. OIL CONS. COM. SION
SUBMIT IN DUPLICATE
P. O. BOX 1980
HOBBS, NEW MEXICO 88240
(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

LEASE DESIGNATION AND SERIAL NO.

NM 16139

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Vaca Ridge 4 Fed. Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pitchfork Ranch (Morrow)

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

Sec. 4, T25S, R34E

12. COUNTY OR
PARISH
Lea13. STATE
NM

1a. TYPE OF WELL:

OIL

WELL

☐

GAS

WELL

☒

DRY

☐

Other

☐

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☐BUR. OF MINING
ROCKWELL DISTRICT

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 660' FNL & 1980' FWL

At top prod. interval reported below

At total depth Same

Same

14. PERMIT NO.

DATE ISSUED

11-16-83

15. DATE SPUDDED

12-17-83

16. DATE T.D. REACHED

2-11-84

17. DATE COMPL. (Ready to prod.)

2-20-84

18. ELEVATIONS (DF, REE, RT, GR, ETC.)*

3373' GR

19. ELEV. CASINGHEAD

3373'

20. TOTAL DEPTH, MD & TVD

15,160'

21. PLUG, BACK T.D., MD & TVD

15,102'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

14,942' - 15,018' (Morrow)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Neutron-Form Density and Composite of Dual Laterolog and DUAL Ind

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"	61#	595'	17-1/2"	265 HLC & 250 C1 C	Circulated
9-5/8"	36# & 40#	5228'	12-1/4"	2000 HLC & 475 C1 C	Circulated
7"	26#	13300'	8-3/4"	775 TLW & 400 C1 H	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	12,975'	15,160'	425	-	2-7/8"	12,975'	12,975'

31. PERFORATION RECORD (Interval, size and number)

14,942' - 15,018' (.35" 22)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14942 - 15018	None

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-20-84		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-20-84	24	22/64"	→	11	4100	0	373
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
4650	Sealed	→				48.0	

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

Vented

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
Betty Gildon

TITLE Regulatory Analyst

DATE 2/24/84

*(See Instructions and Spaces for Additional Data on Reverse Side).

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.
Rustler	0	1350	Surface Rock
Delaware Mt. Group	1350	4110	Anhy, Salt
Cherry Canyon	4110	6075	Anhy, Lime, Dolomite
Leonard & Bone Spgs.	6075	8797	100% Sand
Wolfcamp	8797	11551	Lime, Sand, Shale
Strawn & Atoka	11551	13140	Lime, Chert, Shale, Sand
	13140	13876	100% Shale
	13876	14210	Lime, Shale, Sand, Chert
	14210	15160	Lime, Shale, Sand

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rustler	1045		
Delaware Mt. Grp.	5295		
Cherry Canyon	6274		
C. Canyon Mrkr.	6502		
Leonard	9032		
Bone Springs Lime	9186		
1st B. Spgs. Sd.	10200		
Wolfcamp	12300		
Strawn	13606		
Atoka	13746		
Atoka Reef	13814		
Morrow Lime	14136		
Morrow Clastics	14396		

RECEIVED
APR 5 1984
O.C.D.
HOBBS OFFICE