

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-067968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cayman ARCO Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dollarhide/Devonian11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 30, T-24-S, R-38-E,
N.M.P.M.**12. COUNTY OR
PARISH**Lea**

13. STATE

New Mexico

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 **Re-Entry**

2. NAME OF OPERATOR

HNG Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 767, Midland, Texas 79701

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

At surface

710' FSL & 660' FEL, Section 30, T-24-S, R-38-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

6-26-72

15. DATE SPUDDED

7-8-72

16. DATE T.D. REACHED

7-15-72

17. DATE COMPL. (Ready to prod.)

7-18-72

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

3146' GR.

19. ELEV. CASINGHEAD

3145'

20. TOTAL DEPTH, MD & TVD

8000.1'

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

7980'22. IF MULTIPLE COMPL.,
HOW MANY***-**23. INTERVALS
DRILLED BY**→**

ROTARY TOOLS

X

CABLE TOOLS

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

7658' - 7844' Devonian25. WAS DIRECTIONAL
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron Acoustilog

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
5-1/2"	17#	3873'	8-3/4"	250 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	7751'	7628'

31. PERFORATION RECORD (Interval, size and number)

**Perf 7844-50, 7827-31, 7696-7703 &
7658-62
3- .72" Holes Per Interval**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7844-50	500 gals. 15% Acid
7827-31	" " " "
7699-7703	" " " "
7658-62	" " " "

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-17-72		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-18-72	24	16/64	→	121	148	10	1223	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
230	Packer	→	121	148	10	40.7		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								
TEST WITNESSED BY								

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

Vented

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

(W. L. Lorette)

TITLE

District Superintendent

DATE

July 24, 1972

*(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:				38. GEOLOGIC MARKERS	
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				TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Devonian	7650	7675	Rec 300' Oil and Gas cut drilling mud IFP 48.3; FFP 964; ISIP 2066; FSIP 1923	Anhy	1190
Fusselman	8700	8970	Rec 1500' Oil and Gas cut mud IFP 241; FFP 652; ISIP 2960; FSIP 2770;	Yates Queen	2702 3607
Ellenburger	10290	10307	Rec 248 Oil, 828' water cushion, 78' Rat hole mud IFP 341; FFP 410; FSIP 1136	San Andres Glorietta B Permian	3988 5135 7450
	10307	10357	Rec 465' WB, 130' sulp water; IFP 247; FFP 317; ISIP 2475; FSIP 2479;	Devonian Silurian Fusselman Montoya Simpson Ellen	7655 7840 8200 8970 9375 10293