

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-16069

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Coyote Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

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

Sec. 12-T8S-R24E

12. COUNTY OR
PARISH

Chaves

13. STATE

NM

1a. TYPE OF WELL:

OIL

☐

GAS

☐

DRY

☒

OTHER

b. TYPE OF COMPLETION:

NEW

☒

WORK

☐

DEEP-

☐

PLUG

☐

DIFF.

☐

RESVR.

Other

2. NAME OF OPERATOR

McClellan Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Drawer 730, Roswell, NM 88202

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

At surface 1528' FSL & 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6/10/87

16. DATE T.D. REACHED

6/20/87

17. DATE COMPL. (Ready to prod.)

NA

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

3598' G.L.

19. ELEV. CASINGHEAD

3598'

20. TOTAL DEPTH, MD & TVD

3956'

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

NA

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

ROTARY TOOLS

CABLE TOOLS

O-TD

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

NA

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-LDT-DLL

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
8-5/8"	23	868'	12 1/4"	250 sx + 150 sx 1"	circ 15 sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

NA

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
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.)

35. LIST OF ATTACHMENTS

Deviation survey

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

SIGNED

TITLE

Operations Manager

DATE

6/29/87

*(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

38.

GEOLOGIC MARKERS


FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	275'	
				Glorieta	1165'	
				Tubb	2662'	
				Abo	3348'	

WELL NAME AND NUMBER Coyote Federal NO. 5
LOCATION Sec. 12 T8-S, R24-E 1528' FSL & 660' FEL Chaves County, N.M.
OPERATOR McClellan Oil Corporation
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and has conducted deviation tests and obtained the following results:

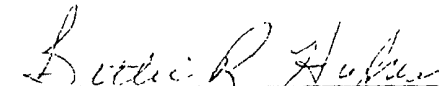
<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 500</u>	<u> </u>	<u> </u>
<u>1/2° 875</u>	<u> </u>	<u> </u>
<u>1/2° 1368</u>	<u> </u>	<u> </u>
<u>3/4° 1878</u>	<u> </u>	<u> </u>
<u>3/4° 2450</u>	<u> </u>	<u> </u>
<u>3/4° 3231</u>	<u> </u>	<u> </u>
<u>1/2° 3434</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: 

Title: Business Manager

Subscribed and sworn to before me this 24 day of June
19 87


Notary Public

My Commision Expires: Jan 19, 1991
Chaves County New Mexico

McClellan Oil Corporation
Coyote Fed. #5
Sec. 12-T8S-R24E
1528' FSL & 660' FEL
Chaves County

- 6/9/87: Move in United Drilling Rig #1. Expect to spud 6/10/87.
- 6/10/87: Spudded at 5:00 pm.
- 6/11/87: Drilling at 484'. Present operation - mixing mud. Progress - 404'. Formation - surface. Pump pressure - 1000. Bit #1 - 12 $\frac{1}{4}$ ". Deviation - none. Mud - spud mud. Breakdown: drilling 6 $\frac{1}{2}$ hours, rig up - 10 hours, mix mud - 1 hour, working on sub pipe - 6 $\frac{1}{2}$ hours. Lost returns at 305'. Stuck at 484'. Loose now & mixing fill mud.
- 6/12/87: TD with 12 $\frac{1}{4}$ " bit at 880'. No returns. Attempted to run 8-5/8" casing, but could not due to ledges at 220'. Present operation - reaming hole.
- 6/13/87: Depth - 875', formation - surface. Ran 12 $\frac{1}{4}$ " reamer to TD. Ran 19 joints, 868' of 8-5/8", 23 lb casing. Cemented using Halliburton with 100 sx Thixset 3% CaCl, 150 sx Halliburton Lite 2% CaCl - $\frac{1}{4}$ # Flocele, and 200 sx Class "C" 2% CaCl. Plug down at 8:00 pm. Ran temp. survey, TOC - 250'. 1" with 150 sx Class "C" 3% CaCl. Circulated 15 sx. Breakdown: 6 $\frac{1}{2}$ hrs reaming, $\frac{1}{4}$ hr pump fill, 3 hrs trip, 1 hr temp. survey, 3 hrs WOC, 3 $\frac{1}{2}$ hrs run casing, 7 hrs 1".
- 6/14/87: Drilling at 1366', losing small amount of fluid. Formation - anhydrite. Pump pressure - 1000. Bit #2, 7-7/8" with 3 jets. Mud - fresh water, mix 2 paper. Breakdown: 16 $\frac{1}{2}$ hrs drilling, 3/4 hr repair rig, 1 hr WOC.
- 6/15/87: Drilling at 2188', losing 150-200 bbls per day. Formation - anhydrite salt. Mud: 22 paper, 30 gel. Breakdown: 23 $\frac{1}{2}$ hrs drilling, $\frac{1}{4}$ hr survey, $\frac{1}{2}$ hr service rig.
- 6/16/87: Drilling at 2878'; losing about 25 bbls/hr fluid. Mixing a LCM sweep every 8 hours to help control it.
- 6/17/87: Drilling at 3240'. Made a bit trip. Lost 50% returns when drilling resumed. Mixing LCM & mud.
- 6/18/87: Drilling at 3470'. Mud up at 3270'. MW - 9.3, Vis - 40, WL - 22. Bit trip for bit #4 last night.
- 6/19/87: Drilling at 3720'. MW - 9.5, Vis - 41, WL - 15. Will log late Saturday.
- 6/20/87: Drilled to 3956'. Lost bit & 6 collars. Fished out tools. Ran Schlumberger CNL-LDT-DLL.
- 6/21/87: Plugged and abandoned well as follows:
Set 35 sx plug from 3300' to 3400'.
WOC - 1 hour. Tagged plug at 3278'.
Set 35 sx plug from 1300' to 1400'.
Set 35 sx plug from 825' to 925'.
WOC - 1 $\frac{1}{2}$ hours. Tagged plug at 810'.
Set 15 sx surface plug.
Will clean location & install dry hole marker after rig moves.

FINAL REPORT