

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
JUL 14 11 21 AM '88
ROPER, NEW MEXICO30 025-30474
Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-0631

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Federal 11-20-34

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Lea Penn

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

Sec 11, T-20-S, R-34-E

12. COUNTY OR PARISH
Lea13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other JUL 14 11 21 AM '88b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other CAS

2. NAME OF OPERATOR

National Coop. Refinery Assoc.

3. ADDRESS OF OPERATOR

415 W. Wall, Suite 2215, Midland, Texas 79701

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

At surface 1890' FSL & 660' FWL

At top prod. interval reported below 1890' FSL & 660' FWL

At total depth 1890' FSL & 660' FWL

14. PERMIT NO.

DATE ISSUED

-

2-5-88

15. DATE SPUDDED

4-7-88

16. DATE T.D. REACHED

6-11-88

17. DATE COMPL. (Ready to prod.)

7-6-88

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

3636.5'

19. ELEV. CASINGHEAD

3637.5'

20. TOTAL DEPTH, MD & TVD

13348'

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

13254'

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)*

13230'-35'; 13201'-06'; 13105'-16'; 13001'-14'; 12964'-70' (MORROW)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

SDN, DLM

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"	54.5#/48#	876'	17 1/2"	760 sx Class C	None
9 5/8"	53.5/40/36#	5157.59'	12 1/4"	1st-75sx Lite/2nd-2000sx Lite	None
7"	20#	5171'	8 3/8"	750 sx Class C	None
4 1/2"	13.5/11.6#	13339'	6 1/4"	1st-30sx 50-50 Poz/2nd-1040sx 50-50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
-	-	-	-	-	2 3/8"	12856'	12856'

31. PERFORATION RECORD (Interval, size and number)

13230'-35'	.38	4 SPF
13201'-06'	.38	4 SPF
13105'-16'	.38	4 SPF
13001'-14'	.38	4 SPF
12964'-70'	.38	4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13105'-13235'	1000 gals 7-1/2% NEFE

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-6-88	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-9-88	24 hrs	28/64"	→	33	1844	0	55879

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
750	0	→	33	1844	0	58.2

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

Sold

TEST WITNESSED BY

Floyd Steed

35. LIST OF ATTACHMENTS

Inclination Report. (Logs previously sent in)

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

SIGNED Garnie A. BazeTITLE Production ClerkDATE 7-13-88

*(See Instructions and Spaces for Additional Data on Reverse Side) CARLSBAD, NEW MEXICO

CONFIDENTIAL REPORT

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 38, 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	MEAS. DEPTH	TRUE VERT. DEPTH
Upper Bone Springs	9441'	9553'	DST #1: Open 1 1/2 hr - 3 1/2 oz press. SI 4 1/2 hrs - rec 30' oil cut water, 210' water. IHP 4129/IFP 107/FSIP 112/FHP 4172.	Anhydrites	1602'	
Bone Springs	9832'	9882'	DST #2: Open 1 1/2 hrs, 24 psi, gas to surface 70". SI 3 3/4 hrs - rec 3 BO & 2.6 BW. IHP 4369/IFP 223/FSIP 4436/FHP 4302.	Yates	3695'	
				Mid-Deleware	5572'	
				Bone Springs	8218'	
				1st Bone Springs	9460'	
				2nd Bone Springs	9966'	
				3rd Bone Springs	10640'	
				Wolfcamp	10968'	
				Strawn	12024'	
				Atoka	12380'	
				Atoka Lime	12498'	
Upper Morrow	12875'	13039'	DST #3: IHP 6535/FHP 6535; IFP 1052/FFP 1136; ISIP 2141/FSIP 2120. Rec 13 BO, flowing 2.7 MMCFPD, 420 psi, 1 1/2" choke.	Morrow	12786'	