

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on back of form)

RECEIVED

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

30-025-21931

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other <u>REF 1 TO 5000</u>		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☒	DIFF. RESVR. ☐	Other <u>CANAL</u>
2. NAME OF OPERATOR National Coop. Refinery Assoc.						6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR 415 W. Wall, Suite 2215, Midland, Texas 79701						7. UNIT AGREEMENT NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2080' FWL & 760' FSL At top prod. interval reported below 2080' FWL & 760' FSL At total depth 2080' FWL & 760' FSL						8. FARM OR LEASE NAME Federal 11-20-34	
14. PERMIT NO. -						9. WELL NO. 2	
15. DATE SPUDDED -						10. FIELD AND POOL, OR WILDCAT Lea (Bone Spring)	
16. DATE T.D. REACHED -						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 11, T-20-S, R-34-E	
17. DATE COMPL. (Ready to prod.) 3-21-89						12. COUNTY OR PARISH Lea	
18. ELEVATIONS (OF RKB, RT, OR, ETC.)* 3656' DF 3644' GL						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 13276'		21. PLUG, BACK T.D., MD & TVD 10265'		22. IF MULTIPLE COMPL., HOW MANY* -		19. ELEV. CASINGHEAD -	
23. INTERVALS DRILLED BY - - - - - X - - - - -						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10136'-10144'; 10121'-10126'; 9846'-9858'; 9556'-9590'; 9590'-9598'	
25. WAS DIRECTIONAL SURVEY MADE -						26. TYPE ELECTRIC AND OTHER LOGS RUN CBL	
27. WAS WELL CORED -							

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"	48#	832'	17 1/2"	800 SX	-
8 5/8"	24# & 32#	5105'	12 1/4"	1100 SX	-
5 1/2"	11.6# & 13.5#	13274'	7 7/8"	1010 SX	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16"	11000.00'	12875'
					2 3/8"	10180.25'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10136' - 10144'	.33	4 JSPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10121' - 10126'	.33	4 JSPF		10121' - 10144'	1500 gals 15% NEFE Acid
9846' - 9858'	.33	4 JSPF		9846' - 9858'	1000 gals 15% NEFE Acid
9556' - 9590'	.33	2 JSPF		9556' - 9598'	2500 gals 15% NEFE Acid
9590' - 9598'	.33	4 JSPF			

33.* PRODUCTION							
DATE FIRST PRODUCTION 3-21-89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - RWBC 2 X 1 1/4" Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3-22-89	HOURS TESTED 24 hrs	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. 165	GAS—MCF. 349	WATER—BBL. 45	GAS-OIL RATIO 2115
FLOW. TUBING PRESS. 80	CASING PRESSURE 80	CALCULATED 24-HOUR RATE →	OIL—BBL. 165	GAS—MCF. 349	WATER—BBL. 45	OIL GRAVITY-API (CORR.) 48.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - WO PL Connection	TEST WITNESSED BY Floyd Steed
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35. LIST OF ATTACHMENTS Plat	36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
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SIGNED Carrie A. Bay TITLE Production Clerk DATE 4-3-89

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

CARLSBAD, NEW MEXICO

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.)

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37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CURD INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			NAME	MEAS. DEPTH
FORMATION	TOP	BOTTOM	TRUE VERT. DEPTH	
DESCRIPTION, CONTENTS, ETC.			TOP	

APR 12 1980