

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 ☐
2. NAME OF OPERATOR Robert N. Enfield							
3. ADDRESS OF OPERATOR P. O. Box 2431, Santa Fe, NM 87504-2431							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 990' FEL of Sec. 7 At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUNDED				16. DATE T.D. REACHED			
10/19/87				11/6/87			
17. DATE OMPL. (Ready to prod.)				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*			
11/23/87				3271' CL			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
7864'				None		All	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7856' - 7864' Cisco Canyon Formation						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Litho-Density/Compensated Neutron, Dual Laterolog/Micro-SFL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		61# K-55		317.45'		17-1/2"	
8-5/8"		24# J-55 ST&C		2421.30'		12-1/4"	
4-1/2"		11.60# J-55 & 11.60# N-80		7856'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8		7745'		7745'			
31. PERFORATION RECORD (Interval, size and number) None - open hole (7856' - 7864')							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7856' - 7864'				1000 gal MOD 101 acid (11/20/87)			
				3000 gal MOD 202 acid (11/21/87)			
				w/1000 SCF nitrogen/bbl			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Est 12/1/87		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
11/21/87		2 hrs		20/64"		TSTM	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)	
1780		packer				TSTM 4 MCFPD TSTM	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
35. LIST OF ATTACHMENTS 1 complete set of electrical logs, deviation survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Robert N. Enfield		Operator				11/23/87	

* (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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
San Andres	1520'	2595'	DST #1 7856' - 7864' 1st flow-opn tool for 15 min, open w/bood blow, incr. at end to 69 PSIG on 1/4" chk. Gas to surf in 15 min. SI for 80 min. Open 2nd flow for 60 min. Open w/strg blow, increase to 112 PSIG at end of flow on 3/8" ck. Est rate 465 MCFPD FSI 180 min. DP rec. 450" gas cut sulphur wtr. Sample chamber contained 100 cc fluid at 500 PSIG, 3.659 CF gas + 100 cc slightly wtr cut condensate	Queen	805'
Bone Spring	2595'	4000'		San Andres	1520'
Lime				Lovington	
First Bone				Sand	1568'
Spring Sand	4000'	4257'		Bone Spring	
2nd Bone				Lime	2595'
Spring Sand	5700'	6055'		1st Bone	
3rd Bone				Spring Sand	4000'
Spring Sand	6883'	7175'		2nd Bone	
Wolfcamp	7175'	7495'		Spring Sand	5700'
Cisco Canyon	7844'			3rd Bone	
				Spring Sand	6883'
				Wolfcamp	7175'
				Cisco	7844'