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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL										7. Unit Agreement Name					
b. TYPE OF COMPLETION OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____										8. Farm or Lease Name E. McCombs					
2. Name of Operator Robert N. Enfield										9. Well No. 1					
3. Address of Operator P. O. Box 2431, Santa Fe, New Mexico 37504-2431										10. Field and Pool, or Wildcat Wildcat					
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OR SEC. <u>29</u> TWP. <u>7S</u> RGE. <u>31E</u> NMPM										12. County Chaves					
15. Date Spudded 1/22/88		16. Date T.D. Reached 2/29/88		17. Date Compl. (Ready to Prod.) 3/30/88		18. Elevations (DF, RKB, RT, GR, etc.) 4304.8 GL		19. Elev. Casinghead 4319 KB							
20. Total Depth 9182'		21. Plug Back T.D. 8610'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools All		Cable Tools							
24. Producing Interval(s), of this completion - Top, Bottom, Name 8477' - 8551' Devonian								25. Was Directional Survey Made No							
26. Type Electric and Other Logs Run GR-CN-LD, DLL-MSFL								27. Was Well Cored No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13-3/8"		54.50 & 48		455'		17-1/2"		475 sx Cl C, Cir 100 Sx							
8-5/8"		32 & 24		3500'		12-1/4"		1250 Sx Halco Lite + 250 sx Cl C, Cir 20		sx					
4-1/2"		11.6		9182'		7-7/8"		330 sx Howco Lite + 400 sx Cl C							
29. LINER RECORD												30. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET	
										2-3/8"		3402.06'		8414.06'	
31. Perforation Record (Interval, size and number)												32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1. 8847'-9009' (20 Holes) 9044'-9097' (10 holes)												DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
2. 8639', 41', 43', 45', 47', 49' (6 holes) 8656', 61', 63' (3 holes) 8681', 83', 85', 86', 89', 91', 93', 95', 97' (9 holes)												See Attached			
3. 8477', 79', 81', 83', 85', 87', 89', 91', 93', 8527', 29', 31', 33', 35', 37', 43', 45', 51' (18 holes)															
33. PRODUCTION															
Date First Production 3/30/88		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing						Well Status (Prod. or Shut-in) Shut-in/waiting on pipeline connection							
Date of Test 4/1/88		Hours Tested 24		Choke Size 14/64"		Prod'n. For Test Period Oil - Bbl. 39		Gas - MCF 781		Water - Bbl. 0		Gas - Oil Ratio 20.0 MCF/BBL			
Flow Tubing Press. 890		Casing Pressure pkr.		Calculated 24-Hour Rate Oil - Bbl. 39		Gas - MCF 781		Water - Bbl. 0		Oil Gravity - API (Corr.) 62.4°					
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Flared										Test Witnessed By Richard Townley Bennett & Carhey					
35. List of Attachments Electrical logs (2 sets)															
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.															
SIGNED <u>Robert N. Enfield</u>		TITLE <u>Operator</u>				DATE <u>4/11/88</u>									

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	7731'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____		T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____		T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	1801'	T. Miss _____	8034'	T. Cliff House _____
T. 7 Rivers _____		T. Devonian _____	8427'	T. Leadville _____
T. Queen _____	2425'	T. Silurian _____		T. Menefee _____
T. Grayburg _____		T. Montoya _____		T. Point Lookout _____
T. San Andres _____	2895'	T. Simpson _____		T. Elbert _____
T. Glorieta _____	4204'	T. McKee _____		T. McCracken _____
T. Paddock _____			Base Greenhorn _____	T. Ignacio Qtzite _____
T. Blinebry _____		T. Ellenburger _____		T. Granite _____
T. Tubb _____	5660'	T. Gr. Wash _____	8782'	T. _____
T. Drinkard _____		T. Granite _____	8843'	T. _____
T. Abo _____	6409'	T. Delaware Sand _____		T. _____
T. Wolfcamp _____	7200'	T. Bone Springs _____		T. _____
T. Penn. _____		T. Woodford shale-8383'		T. _____
T. Cisco (Bough C) _____			T. Chinle _____	T. _____
			T. Permian _____	T. _____
			T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1801'	1891'	90'	Sand				
2895'	4204'	1309'	Dolomite lime				
6409'	7020'	611'	Sand & shale				
7200'	7731'	531'	lime & shale				
7731'	8034'	303'	Lime & shale				
8034'	8383'	349'	Lime & shale				
8383'	8427'	44'	Shale				
8427'	8782'	355'	Dolomite				
8782'	8843'	61'	Granite wash				
8843'	9182'	339'	Granite				

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HOBBS OFFICE

Attachment for #32 Acid, Shot, Fracture, Cement Squeeze etc.

8847' - 9097' Spot 500 gal MOD 101 acid at 9100', set PPI at 8789'. Displaced acid w/10 bbls KCL.

8830' Set CIBP, dumped 35' cement on CIBP

8639' - 8697' Spot 500 gal MOD 101 acid + additives, displaced acid w/10 bbls KCL

8620' Set Easy-Drill cement retainer, squeezed w/1000 gal Injectrol "G", 100 sx premium cement w/.5% Halad 322 + 100 sx premium cement w/.5% CFR3

8477' - 8551' Spotted 500 gal MOD 101 w/additives, displaced acid w/10 bbls KCL. Isolate perfs 8527' - 8551', acidized w/1800 gal MOD 101. Acidize upper perfs 8477' - 8493' w/1800 gal MOD 101

DST #1 8470' -8560' (Devonian)

Opn on 1st flow for 30 min., opn w/strong blow

Switched to 3/16" choke, 7 PSIG at end of flow

SI for 2 hrs, opn w/strong blow

Switched to 3/8" choke, 17 PSIG in 3 min.

Gas to surf. in 25 min.

Press increased to 21 PSIG & remained at 21-22 PSIG throughout 3 hr flow period.

SI for final shut in period

Final 3 hr flow was 125 MCF per day rate

SI for 9 hours

FSI recovery: 217 feet of gas cut drilling mud

Sampler Recovery: Sampler pressure 135 PSIG

610 cc of drilling mud & 0.875 cubic feet of gas

Bottom hole temperature 196°.

Initial Hydrostatic 6453 PSIG

Final Hydrostatic 4540 PSIG

First Flow (30 min.) 85-85 PSIG

First Shut in (2 hrs) 2964 PSIG

Final Flow (3 hrs) 85 PSIG increasing to 170 PSIG

Final Shut in (9 hr) 3186 PSIG