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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 checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647	

RECEIVED

1a. TYPE OF WELL		APR 22 1975	
b. TYPE OF COMPLETION		O.C.C. ARTESIA, OFFICE	
NEW WELL <input type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator		37	
Atlantic Richfield Company		8. Farm or Lease Name	
3. Address of Operator		Empire Abo Unit "D"	
P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No.	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>M</u> LOCATED <u>500</u> FEET FROM THE <u>South</u> LINE AND <u>820</u> FEET FROM		Empire Abo	
THE <u>West</u> LINE OF SEC. <u>26</u> TWP. <u>17S</u> RGE. <u>28E</u> NMPM		12. County	
		Eddy	
15. Date 3/23/75 commenced 11/24/74	16. Date T.D. Reached 12/9/74	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)
			3694' DF
20. Total Depth 6325'	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
			Rotary Tools 6224-6325'
24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
6230-6270' Abo			No
26. Type Electric and Other Logs Run			27. Was Well Cored
Gamma Ray-Compensated Neutron Collar Log			No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
No change in casing			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
2-7/8" OD	6175'	6325'	25
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
2-3/8" OD	6133'	6133'	
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6230, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70' = .33" - 2 JSPF.		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		6230-70'	
		500 gals 15% HCL-LSTNE acid,	
		48 bbls 5234 Scale Inhib & 1000	
		gals 15% LSTNE acid, flushed	
		w/175 BFW cont'g 1 gal/1000 gal	
33. PRODUCTION (cont'd on attached page)			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)	
12/17/74		Swabbed	
Date of Test		Hours Tested	
12/23/74		2 1/2	
Choke Size		Prod'n. For Test Period	
64/64"		20	
Flow Tubing Press.		Gas - MCF	
50#		not meas.	
Casing Pressure		Water - Bbl.	
pkr		5	
Calculated 24-Hour Rate		Gas - Oil Ratio	
192		-	
Oil - Bbl.		Oil Gravity - API (Corr.)	
-		-	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
Vented		LaRoy Knott	
35. List of Attachments			
As listed in Item 26			
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>H. J. R. [Signature]</u>		TITLE _____ DATE <u>4-21-75</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 _____	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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
6224	6325	101	Lime				

Form C-105 attachment
Empire Abo Unit "D" #37
Page 2

Item 32. Acid, Shot, Fracture, Cement Squeeze, etc.

6230-70' de-emulsifier, 8000 gals DAD (75% acid, 25% Xylene).

6080-6100' 100 sx Cl H cement cont'g 5# sd/sk.