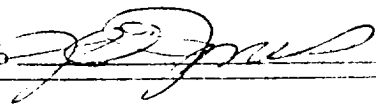


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LAND OFFICE	
OPERATOR	

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 ☒	Fee ☐
5. State Oil & Gas Lease No.	
647-349	647-351

1a. TYPE OF WELL		b. TYPE OF COMPLETION		2. Name of Operator		3. Address of Operator		4. Location of Well		7. Unit Agreement Name		8. Farm or Lease Name		9. Well No.		10. Field and Pool, or Wildcat		11. County	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		Atlantic Richfield Company ✓		P. O. Box 1710, Hobbs, New Mexico 88240		UNIT LETTER <u>J</u> LOCATED <u>2511</u> FEET FROM THE <u>East</u> LINE AND <u>1550</u> FEET FROM		Empire Abo Unit Pressure Maintenance Project		Empire Abo Unit "G"		312		Empire Abo		Eddy	
THE <u>South</u> LINE OF SEC. <u>33</u> TWP. <u>17S</u> RGE. <u>28E</u> NMPM																			
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead											
4/5/76		4/21/76		5/16/76		3661.0' GR													
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools		Cable Tools									
6400'		6170'				→		0-6400'											
24. Producing Interval(s), of this completion -- Top, Bottom, Name												25. Was Directional Survey Made							
6074-6088'												No							
26. Type Electric and Other Logs Run												27. Was Well Cored							
Gamma Ray Neutron, Dual Laterolog w/RXO, caliper log, GR Corr log & CBL												No							
28. CASING RECORD (Report all strings set in well)																			
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD				AMOUNT PULLED							
8-5/8" OD		24#		550'		11"		200 sx Circ to surf											
5-1/2" OD		14 & 15.5#		6404'		7-7/8"		1247 sx											
29. LINER RECORD										30. TUBING RECORD									
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET					
										2-3/8" OD		6009'		5976'					
31. Perforation Record (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
6074-6088' w/2 JSPF = 28 - .48" holes																			
					DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED									
					6283-91'					1500 gals HCL-LSTNE acid & 1500									
										gals 50/50 ratio 15% HCl/xylene									
					6283-91'					Cmt squeezed w/87 sx.									
										(Cont'd on attached Page #2)									
33. PRODUCTION																			
Date First Production				Production Method (Flowing, gas lift, pumping -- Size and type pump)								Well Status (Prod. or Shut-in)							
4/28/76				Flowing								Prod.							
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil -- Bbl.		Gas -- MCF		Water -- Bbl.		Gas -- Oil Ratio					
5/18/76		24		20/64"		→		192		153		0		797:1					
Flow Telling Press.		Casing Pressure		Calculated 24-Hour Rate		Oil -- Bbl.		Gas -- MCF		Water -- Bbl.		Oil Gravity -- API (Corr.)							
175#		Pkr		→		192		153		0		44°							
34. Disposition of Gas (Sold, used for fuel, vented, etc.)												Test Witnessed By							
Sold												N. H. Truitt							
35. List of Attachments																			
Logs as listed in Item 26 above. Record of Inclination.																			
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 										TITLE Dist. Drlg. Supv.					DATE 5/21/76				

This form is to be filled 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, the vertical depths shall also be reported. For multiple completions, Items 33 through 34 shall be reported for each zone. The form is to be filled in duplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

Northwestern New Mexico

T. Any	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Ball	T. Strawn	T. Kirland-Fruitland	T. Penn. "C"
B. Salt	T. Aloka	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. Blances	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todillo	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

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Empire Abo Unit #G-312
May 21, 1976
Page 2

32. Acid, Shot, Fracture, Cement Squeeze, Etc (cont'd)

<u>Depth Interval</u>	<u>Amount & Kind Material Used</u>
6190-92', 6198-6203', 6206-6210'	5000 gals 15% HCL-LSTNE acid
6190-6210'	3000 gals 15% 50:50 ratio HCL/xylene
6190-6210'	4000 gals 15% HCL-LSTNE acid followed by 4000 gals 15% HCL/xylene 50:50 ratio
6170'	CIBP
6074-88'	1000 gals 15% HCL-LSTNE acid

FIELD Empire Abo COUNTY Eddy OCC NUMBER _____
OPERATOR Atlantic Richfield Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
LEASE Empire Abo Unit G WELL NO. 312 SURVEY 1550' FSL & 2511' FWL, Section 33,
T-17-S, R-28-E.

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
550'	3/4
1,030'	3/4
1,424'	2
1,908'	2-1/4
2,405'	1-1/4
2,874'	1-1/2
3,345'	1-1/4
3,814'	1-1/2
4,003'	1/2
4,475'	3/4
4,948'	1-3/4
5,169'	3
5,265'	3-3/4
5,359'	4
5,452'	4
5,578'	4
5,708'	4-1/4
5,924'	3
6,267'	3-1/4
6,400'	2-3/4

Certification of personal knowledge Inclination Data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

27th day of April, 1976.

[Signature]
Joyce Wood

Notary Public in and for Midland County, Texas.

RECEIVED

MAY 24 1976

O. C. C.
NOTARY OFFICE