

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES REQUIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.
NM 44508

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐	7. Unit Agreement Name	NA
b. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name	C. R. Leeson Ranch
2. Name of Operator	ARCO Oil and Gas Company, Division of Atlantic Richfield Co.	9. Well No.	ARCO Leeson #2
3. Address of Operator	P. O. Box 1610, Midland, TX 79702	10. Field and Pool, or Wildcat	W. Lindrith-Gallup/Dako
4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>1855</u> FEET FROM THE <u>North</u> LINE AND <u>515</u> FEET FROM <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>25N</u> RGE. <u>3W</u> NMPM	12. County	Rio Arriba
15. Date Spudded	11-8-85	16. Date T.D. Reached	11-28-85
17. Date Compl. (Ready to Prod.)	1-21-86	18. Elevations (DF, RKB, RT, GR, etc.)	7303' GL
19. Elev. Casinghead	7303'	20. Total Depth	8170'
21. Plug Back T.D.	8155'	22. If Multiple Compl., How Many	NA
23. Intervals Drilled By	Rotary Tools	Cable Tools	0-8170'
24. Producing Interval(s), of this completion - Top, Bottom, Name	Dakota "C" 8102'-8125' Gallup 7014'-7217' Dakota "A" 7958'-7972'	25. Was Directional Survey Made	No
26. Type Electric and Other Logs Run	GR-CBL; GR-CNL-FDC; GR-DIL/SFL	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
9-5/8	36#	550	12-1/4	320 sx	0
5-1/2	23#	8170	8-3/4	2406 sx 3-stage	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8	7753'	

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Dakota "C"	8102-8125'	24 - .39" holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Dakota "A"	7958-7972'	14 - .39" holes		8102-8125	2500 gal 15% HCL & 75,000 gal Gel & 117,000# sd
L. Gallup	7190-7217'	28 - .39" holes		7958-7972	2000 gal 15% HCL & 60,000 gal Gel & 91,000# sd
L. Gallup	7239-7296'	58 - .39" holes		7190-7296	3000 gal 15% HCL & 100,000 gal Gel & 161,500# sd
U. Gallup	7014-7136'	36 - .39" holes		7014-7136	3500 gal 15% HCL & 85,000 gal Gel & 123,500# sd

33. PRODUCTION	Date First Production	1-21-86	Production Method (Flowing, gas lift, pumping - Size and type pump)	Pumping 2" x 1-1/2" x 16"	Well Status (Prod. or Shut-in)	Producing	
Date of Test	3-13-86	Hours Tested	24	Choke Size		Prod'n. For Test Period	
Flow Tubing Press.	125	Casing Pressure	---	Calculated 24-Hour Rate	81	Oil - Bbl.	81
						Gas - MCF	129
						Water - Bbl.	5
						Gas - Oil Ratio	1593
						Oil Gravity - API (Corr.)	42.6

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Vented	Test Witnessed By	Bobby Watchman
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35. List of Attachments	Log as listed in Item #26.
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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 Stephen Rose TITLE Prod'n. Supt. DATE 4/13/86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 _____ 3374'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 3466'	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3676'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 5368'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5490'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5844'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 6009'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 6897'	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 7914'	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7950'	T. _____
T. Blinberry _____	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. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ Gallup 7014' to _____ 7296'	No. 4, from _____ to _____
No. 2, from _____ Dakota "A" 7958' to _____ 7972'	No. 5, from _____ to _____
No. 3, from _____ Dakota "C" 8102' to _____ 8125'	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ N/A _____ to _____ feet _____
No. 2, from _____ N/A _____ to _____ feet _____
No. 3, from _____ N/A _____ to _____ feet _____
No. 4, from _____ N/A _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Important Formation	From	To	Thickness in Feet	Formation
3676'	3782'	106'	Pictured Cliffs				
5368'	6009'	641'	Mesaverde				
6897'	7638'	741'	Gallup				
7950'	8134'	184'	Dakota				