

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Free ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

J. R. Hardin

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat San Andres

12. County

Lea

10. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☒

OTHER

11. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER P&A

12. Name of Operator
ARCO Oil and Gas Company
Division of Atlantic Richfield Company

13. Address of Operator

P. O. Box 1710, Hobbs, New Mexico 88240

14. Location of Well

UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM15. Date Spudded West LINE OF SEC. 25 TWP. 17S RGE. 38E NMPM16. Date T.D. Reached 1/30/83 17. Date Compl. (Ready to Prod.) Dry Hole 18. Elevations (LH, RKB, KT, GR, etc.) 3653.3' GR 19. Elev. Casinghead20. Total Depth 5896' 21. Plug Back T.D. Surf. 22. If Multiple Compl., How Many 0-5896' 23. Intervals Drilled By Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

None- Dry Hole

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CNL/FTC w/Caliper, GR-DLL, GR-Sonic, GR-CPL

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
16" OD	Cond Pipe	30'	23"	3 yds Redi-mix to surf.	None
8-5/8" OD	24# K-55	417'	11"	220 sx	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production None Production Method (Flowing, gas lift, pumping - Size and type pump) Dry Hole Well Status (Prod. or Shut-in) P&A

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

Logs as listed in Item 26 above & Inclination Report.

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

*Eliza Ruth A. Bush*TITLE Drlg. Engr.DATE 2/7/83

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 quadruplicate 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"
D. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3543'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 4288'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 5413'	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	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 None to	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, from to	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 to feet	None Encountered
No. 2, from to feet	
No. 3, from to feet	
No. 4, from to feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	30	30	Surface Caliche	5010	5150	140	Shale, Salt
30	418	388	Sand & Red Bed	5150	5465	315	Anhy, Dolo
418	2142	1724	Red Bed	5465	5896	431	Dolo.
2142	2470	328	Red Bed & Anhy				
2470	3125	655	Red Bed				
3125	3500	375	Red Bed, Anhy, Salt				
3500	3770	270	Salt, Anhy				
3770	4000	230	Anhy, Shale, Salt				
4000	4190	190	Anhy				
4190	5010	820	Anhy, Salt				

RECEIVED
FEB 10 1983
O.C.D.
HOBBS OFFICE

DESERT DRILLING, INC.
P.O. Box 146
Hobbs, New Mexico 88240

WELL NAME AND NUMBER Arco - J.R. Hardin # 1

INCLINATION RECORD

Depth	Deviation
418	1°
650	3/4°
1266	1/2°
1893	3/4°
2195	1/2°
2542	1/2°
3188	3/4°
4375	1 1/4°
4559	1°
4811	1°
5217	1 1/4°
5386	3/4°
5644	1/2°

Signature *[Handwritten Signature]*

State of New Mexico
County of Lea

SWORN AND SUBSCRIBED TO BEFORE ME
BY R. Cheatham

This 7 Day of February
1983.

[Handwritten Signature]
Notary Public

RECEIVED

FEB 10 1983

O.C.D.
HOBBS OFFICE