

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 radioactivity 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 10 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

T. Anhy _____ T. Canyon 8345'
 T. Salt _____ T. Strawn 8953'
 T. Salt _____ T. Atoka 9583'
 T. Yates _____ T. Miss _____
 T. 7 Rivers _____ T. Devonian _____
 T. Queen 1695' T. Silurian _____
 T. Grayburg _____ T. Monloya _____
 T. San Andres 2167' T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Elinebry _____ T. Gr. Wash _____
 T. Tubb _____ T. Granite _____
 T. Drinkard _____ T. Delaware Sand _____
 T. Abo _____ T. Bone Springs _____
 T. Wolfcamp 6975' T. Morrow 9765'
 T. Penn _____ T. Morrow Clastics 9939'
 T. Cisco (Bough C) 7731' T. Barnett 10157'
 T. _____ T. Chester Line 10307'

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Qtzite _____
 T. Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todillo _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 10,116' to 10,124' 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	666	666	Surface & Red Bed	5448	5537	89	Dolo, Lime & Shale
666	990	324	Anhy	5537	5737	200	Dolo, Lime
990	1517	527	Anhy & Salt	5737	5869	132	Dolo, Shale
1517	2695	1178	Anhy	5869	5988	119	Lime
2695	3095	400	Lime & Anhy	5988	6039	51	Dolo & Lime
3095	3294	199	Dolo & Chert	6039	6114	75	Sand stone Silt
3294	3885	591	Chert & Dolo	6114	6825	711	Lime
3885	4076	191	Dolo	6825	6937	112	Lime & Shale
4076	4108	32	Lime & Dolo	6937	7049	112	Dolo
4108	4469	361	Chert & Dolo	7049	7270	221	Shale, Lime & Dolo
4469	5366	897	Dolo & Shale	7270	7300	30	Lime
5366	5448	82	Dolo	7300	7339	39	Dolo & Shale
				7339	7777	438	Lime & Shale
				7777	8162	385	Dolo
				8162	8927	765	Lime & Shale
				8927	10337	1410	Lime

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CORRECTED

Form C-105
Revised 10-1-78

45F

RECEIVED BY
OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
NOV 25 1985
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
ARTESIA, OFFICE

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
V-328

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DAY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
2. Name of Operator
ARCO Oil and Gas Company
Division of Atlantic Richfield Company
3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

7. Unit Agreement Name
8. Farm or Lease Name
State BY
9. Well No.
1
10. Field and Pool, or Wildcat
Empire
Wildcat Morrow Gas

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 7 TWP. 18S RGE. 28E NMPM

12. County
Eddy

15. Date Spudded
4/12/85
16. Date T.D. Reached
5/16/85
17. Date Compl. (Ready to Prod.)
6/10/85
18. Elevations (DF, RKB, RT, GR, etc.)
3612.5' GR

19. Elev. Casinghead
20. Total Depth
10,400'
21. Plug Back T.D.
10,294'
22. If Multiple Compl., How Many
23. Intervals Drilled By
Rotary Tools
0-10,400'
Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
10,116-10,124' Morrow

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR-CNL/FDC w/Cal & GR-DLL/MSFG, GR-Corr

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)						AMOUNT PULLED	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD			
13-3/8" OD	54.50# K-55	418'	17 1/2"	500 sx			
8-5/8" OD	28# S-80	2600'	11"	1150 sx			
5 1/2" OD	17# N-80 & K-55	10400'	7-7/8"	1000 sx			

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	10,010'	10,010'

31. Perforation Record (Interval, size and number)
10,116, 117, 118, 119, 120, 121, 122, 123, 124' = 36 .46" holes
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
None
AMOUNT AND KIND MATERIAL USED

33. PRODUCTION
Date First Production
6/5/85
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing
Well Status (Prod. or Shut-in)
Shut in
Date of Test
6/10/85
Hours Tested
4 pt
Choke Size
Various
Prod'n. For Test Period
2.75
Oil - Bbl.
606
Gas - MCF
101
Water - Bbl.
1.5
Gas - Oil Ratio
36,727:1
Flow Tubing Press.
2692#
Casing Pressure
Plkr
Calculated 24-Hour Rate
16.5
Oil Gravity - API (Corr.)
59.2°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
To be sold - Presently shut in WOPLC
Test Witnessed By
James Cogburn

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.

H. Stene P. / D. D. McDANIEL DIST. Drlg Supv. DATE 11/19/85