

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

RECEIVED BY

APR 29 1985

O. C. D.

ARTIFICIAL LIFT OFFICE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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LAND OFFICE	☒
OPERATOR	☒

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
NM - 3836

10. TYPE OF WELL 80FM OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER P&A'd		8. Farm or Lease Name Fitzpatrick	
2. Name of Operator ARCO Oil and Gas Company, Division of Atlantic Richfield Company		9. Well No. 1	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER L LOCATED 990 FEET FROM THE West LINE AND 2220 FEET FROM		12. County Hidalgo	
15. Date Spudded 12-9-84		16. Date T.D. Reached 3-31-85	
17. Date Compl. (Ready to Prod.) -----		18. Elevations (DF, RKB, RT, GR, etc.) 5165 GR	
19. Elev. Casinghead			
20. Total Depth 10,793'		21. Plug Back T.D. Surface	
22. If Multiple Compl., How Many -----		23. Intervals Drilled By Rotary Tools 0-10793	
24. Producing Interval(s), of this completion - Top, Bottom, Name None		25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run DLL-MSFL, BHC-Sonic, LDT-CNL, Dipmeter		27. Was Well Cored No	
CASINO RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
20"	94#	857'	26"
13-3/8"	72#	6350'	17 1/2"
CEMENTING RECORD		AMOUNT CURED	
3763 sacks		0	
2950 sacks		0	
LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
None			
31. Perforation Record (Interval, size and number) None		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
None		-----	
PRODUCTION			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Dry Hole	
Well Status (Prod. or Shut-in)			
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period
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			
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>7 E. Krumpholtz</u>		TITLE <u>Drilling Engineer</u> DATE <u>22 April 1985</u>	

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 radioactivity logs run on the well and a summary of all acid tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 10 through 34 shall be reported for each zone. The form is to be filed in quadruplets 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 Qzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinney _____	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 _____ 550' _____ to _____ 690' _____ feet	Fluid level rose to 550'
No. 2, from _____ 880' _____ to _____ 1100' _____ feet	200 GPM water flow
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	690'	690'	Valley Fill				
690'	5582'	4892'	Volcanics				
5582'	10793'	5211'	Pre-tertiary				
		10,793'					

INCLINATION REPORT

MEASURED DEPTH (feet)	COURSE LENGTH (Hundreds of feet)	ANGLE OF INCLINATION (degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle x 100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
223	2.23	1	1.75	3.9025	3.9025
315	.92	1/4	.44	.4048	4.3073
409	.94	1/4	.44	.4136	4.7209
500	.91	1/2	.87	.7917	5.5126
590	.90	1/4	.44	.396	5.9086
620	.30	1/4	.44	.132	6.0406
775	1.55	1/2	.87	1.3485	7.3891
857	.82	3/4	1.31	1.0742	8.4633
955	.98	1/2	.87	.8526	9.3159
1100	1.45	3/4	1.31	1.8995	11.2154
1200	1.00	1-1/4	2.18	2.18	13.3954
1320	1.20	1-1/4	2.18	2.616	16.0114
1500	1.80	1-1/4	2.18	3.924	19.9354
1600	1.00	1/2	.87	.87	20.8054
1812	2.12	1-1/4	2.18	4.6216	25.427
1960	1.48	1	1.75	2.59	28.017
2061	1.01	1/2	.87	.8787	28.8957
2234	1.73	3/4	1.31	2.2663	31.162
2326	.92	1-1/4	2.18	2.0056	33.1676
2508	1.82	1	1.75	3.185	36.3526
2597	.89	1	1.75	1.5575	37.9101
2810	2.13	1-1/4	2.18	4.6434	42.5535
2870	.60	1	1.75	1.05	43.6035
2971	1.01	1-1/4	2.18	2.2018	45.8053
3386	4.15	1-1/4	2.18	9.047	54.8523

MEASURED DEPTH (feet)	COURSE LENGTH (Hundreds of feet)	ANGLE OF INCLINATION (degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle x 100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
3500	1.14	1-3/4	3.05	3.477	58.3293
3632	1.32	1	1.75	2.31	60.6393
3752	1.20	1-1/4	2.18	2.616	63.2553
3850	.98	1-3/4	3.05	2.989	66.2443
3962	1.12	1-1/2	2.62	2.9344	69.1787
4052	.90	1-1/4	2.18	1.962	71.1407
4175	1.23	1-1/2	2.62	3.2226	74.3633
4326	1.51	1-3/4	3.05	4.6055	78.9688
4509	1.83	1-1/2	2.62	4.7946	83.7634
4928	4.19	1	1.75	7.3325	91.0959
5143	2.15	1-1/4	2.18	4.687	95.7829
5358	2.15	1-3/4	3.05	6.5575	102.3404
5560	2.02	1-1/2	2.62	5.2924	107.6328
5775	2.15	1-1/4	2.18	4.687	112.3198
At this point, the well was plugged back to 829'					
1069	2.40	3/4	1.31	3.144	3.144
1166	.97	1	1.75	1.6975	4.8415
1267	1.01	1/2	.87	.8787	5.7202
1390	1.23	1-1/4	2.18	2.6814	8.4016
1515	1.25	1	1.75	2.1875	10.5891
1658	1.43	1	1.75	2.5025	13.0916
1779	1.21	1-1/4	2.18	2.6378	15.7294
2337	5.58	1-3/4	3.05	17.019	32.7484

MEASURED DEPTH (feet)	COURSE LENGTH (Hundreds of feet)	ANGLE OF INCLINATION (degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle x 100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
2650	3.13	1	1.75	5.4775	38.2259
2932	2.82	1-1/4	2.18	6.1476	44.3735
3250	3.18	1-1/4	2.18	6.9324	51.3059
3415	1.65	1	1.75	2.8875	54.1934
3750	3.35	1/2	.87	2.9145	57.1079
4239	4.89	1/2	.87	4.2543	61.3622
4580	3.41	1/2	.87	2.9667	64.3289
4820	2.40	1/2	.87	2.088	66.4169
4940	1.20	1/2	.87	1.044	67.4609
5367	4.27	3/4	1.31	5.5937	73.0546
5525	1.58	3/4	1.31	2.0698	75.1244
5670	1.45	1-1/4	2.18	3.161	78.2854
5780	1.10	1	1.75	1.925	80.2104
5880	1.00	1	1.75	1.75	81.9604
5970	.90	2	3.49	3.141	85.1014
6178	2.08	2-1/4	3.93	8.1744	93.2758
6327	1.49	2-1/4	3.93	5.8557	99.1315
6414	.87	2-3/4	4.80	4.176	103.3075
6483	.69	2-1/2	4.36	3.0084	106.3159
6570	.87	2-3/4	4.80	4.176	110.4919
6632	.62	2-3/4	4.80	2.976	113.4679
6818	1.86	3-3/4	6.54	12.1644	125.6323
6922	1.04	4	6.98	7.2592	132.8915
6996	.74	3-3/4	6.54	4.8396	137.7311
7081	.85	4	6.98	5.933	143.6641

MEASURED DEPTH (feet)	COURSE LENGTH (Hundreds of feet)	ANGLE OF INCLINATION (degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle x 100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
7290	2.09	3-1/2	6.10	12.749	156.4131
7528	2.38	3-1/2	6.10	14.518	170.9311
7774	2.46	3	5.23	12.8658	183.7969
7990	2.16	3-1/4	5.67	12.2472	196.0441
8237	2.47	2-1/4	3.93	9.7071	205.7512
8485	2.48	1-3/4	3.05	7.564	213.3152
8714	2.29	2-1/2	4.36	9.9844	223.2996
8788	.74	3	5.23	3.8702	227.1698
8863	.75	2-3/4	4.80	3.60	230.7698
8950	.87	2-1/2	4.36	3.7932	234.563
9157	2.07	1-1/2	2.62	5.4234	239.9864
9463	3.06	1-3/4	3.05	9.333	249.3194
9546	.83	1-3/4	3.05	2.5315	251.8509
9950	4.04	3-1/2	6.10	24.644	276.4949
10112	1.62	3-1/4	5.67	9.1854	285.6803
10200	.88	3-1/2	6.10	5.368	291.0483
10350	1.50	2	3.49	5.235	296.2833
10545	1.95	2	3.49	6.8055	303.0888
10617	.72	2	3.49	2.5128	305.6016
10686	.69	2-1/2	4.36	3.0084	308.61
10793	1.07	2-1/2	4.36	4.6652	313.2752

The previous inclination measurements were made in drill pipe.

The subject well WAS NOT at any time intentionally deviated from the vertical in any manner whatsoever.

I declare under penalty that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts presented and that such data and facts are true, correct, and complete to the best of my knowledge.

J W Meador

J.W. Meador
Division Manager
Dual Drilling Company
(915) 381-1170

Sworn and Subscribed to me this 10th day of April, 1985.

Gail Spencer

Gail Spencer
Notary Public
In and for the County of Ector, State of Texas

My Commission Expires 11/20/85