

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		2. Well Completion Name	
1. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DRY ☐ OTHER ☐		3. Field or Lease Name State 157 "D"	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		4. Well No. 12	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		10. Field or Pool, or Wildcat Drinkard	
4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 2310 FEET FROM THE West LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM		11. County Lea	
15. Date Spudded 11/18/79	16. Date T.D. Reached 12/10/79	17. Date Compl. (Ready to Prod.) 12/26/79	18. Elevations (D.F., R&B, RT, GR, etc.) 3480.5' GR
20. Total Depth 6800'	21. Plug Back T.D. 6752'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-6800'
24. Producing Interval(s), of this completion - Top, Bottom, Name 6513-6659' Drinkard			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run GR-CNL-FDC, DLL, CBL			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
9-5/8" OD	36# J-55	1216'	12 1/4"
5 1/2" OD	15.5# K-55	6800'	8-3/4"
CEMENTING RECORD		AMOUNT PULLED	
550 sx			
3445 sx			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET		
2-7/8" OD	6398'	6398'	
31. Perforation Record (Interval, size and number) 6513, 15, 18, 22, 34, 39, 42, 44, 52, 56, 58, 64, 72, 76, 84, 87, 90, 6610, 20, 23, 36, 38, 51, 59' = 24 .49" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
6513-6659'		Acidized w/5000 gals 15% NE-HCL.	
		Frac'd w/40,000 gals Versagel,	
		16,000 gal CO2, 90,000# sd, 500# BAK	
		& 500# rock salt	
33. PRODUCTION			
Date First Production 12/25/79	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Prod
Date of Test 1/1/80	Hours Tested 24	Choke Size 32/64"	Prod'n. Per Test Period 99
Flow Tubing Press. 200#	Casing Pressure Pkr	Calculated 24-Hour Rate 99	Oil - BBL 264
			Gas - MCF 30
			Water - BBL 2667:1
			Oil Gravity - API (Corr.) 39.1°
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By Jerry Guy
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 L. D. Guy		TITLE Dist. Drlg. Supt.	
		DATE 1/4/80	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 26 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 by this. 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 1125.

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 _____ 2695'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2925'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3687'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3948'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5177'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 5538'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6220'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6510'	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 _____ 6513' _____ to _____ 6659' _____	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
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	90	90	Surface, Caliche, Sd				
90	432	342	Anhydrite, Red Bed, Sd				
432	1175	743	Anhy, Red Bed				
1175	2447	1272	Anhy & Salt				
2447	4456	2009	Anhy				
4456	5760	1304	Anhy & Lime				
5760	6220	465	Lime & Sd				
6225	6265	40	Lime, Dolo, Sd				
6265	6490	225	Lime & Shale				
6490	6800	310	Lime, Shale, Sd				

RECEIVED

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OIL CONSERVATION DIV

FIELD Drinkard COUNTY Lea OCC NUMBER _____
OPERATOR ARCO Oil & Gas Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
LEASE State 157 "D" WELL NUMBER #12
SURVEY 1980' FSL & 1650' FEL Section 12, T22S, R36E, Lea County, New Mexico

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
497	1/2
996	3/4
1220	3/4
1402	1
1588	1
1807	1
1929	1 1/2
2113	1 1/2
2327	1 1/2
2544	1 3/4
2668	1 3/4
2851	1 1/2
3188	1
3962	1/4
4451	1/2
4946	3/4
5441	1
5551	1
5927	1
6529	1 1/4
6800	1 1/4

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

1st day of December, 1979.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson