

Log *

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Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501 O. C. D.
ARTESIA, OFFICE

MAR -4 1985

3a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-6852

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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DISTRIBUTION
SANTA FE ☒
FILE ☒
U.S.O.S. ☒
LAND OFFICE ☒
OPERATOR ☒

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☒ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
State 2
9. Well No.
1
10. Field and Pool, or Wildcat
Undesignated Bone Springs

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

4. Location of Well
UNIT LETTER E LOCATED 1855 FEET FROM THE North LINE AND 660 FEET FROM

12. County
Eddy

THE West LINE OF SEC. 2 TWP. 19S RGE. 30E NMPM

15. Date Spudded
9/10/84
16. Date T.D. Reached
10/28/84
17. Date Compl. (Ready to Prod.)
Shut-in - dry
18. Elevations (DF, RKB, RT, GR, etc.)
3464.2' GR
19. Elev. Casinghead

20. Total Depth
12,184'
21. Plug Back T.D.
8988'
22. If Multiple Compl., How Many
23. Intervals Drilled By
Rotary Tools
0-12,184'
Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
8886-8900' & 6986-6994' Bone Springs

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR-DLL/MSFL, GR-FDC/CNL, GR-CCL/CBL

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
20"	cond pipe	40'	26"	3 yds Redi-mix	
13-3/8" OD	54.5#	484'	17 1/2"	700 sx	
8-5/8" OD	28#	3940'	11"	1650 sx	
5 1/2" OD	17#	9030'	7-7/8"	900 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8" OD	8903'

31. Perforation Record (Interval, size and number)
8886, 88, 90, 92, 94, 96, 98, 8900' = 16 .41" holes
6986, 88, 90, 91, 92 & 6984' = 12 .41" holes
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
8886-8900' 2000 gal 15% HCL NEFE
6986-6994' 1500 gal 15% HCL NEFE, 5100 gal West Pad & 2% KCL wtr, 6000 gal gelled 15% HCL NEFE, 3000 gal Dolo wash HCL NEFE
500 SCF N₂, 25 bbl gelled 2% KCL wtr
w/800 SCF/bbl N₂

33. PRODUCTION
Date First Production
11/16/84
Production Method (Flowing, gas lift, pumping - Size and type pump)
Swbd
Well Status (Prod. or Shut-in)
Shut in

Date of Test
12/31/84
Hours Tested
10
Choke Size
-
Prod'n. For Test Period
Oil - Bbl.
7.5
Gas - MCF
TSTM
Water - Bbl.
1.5
Gas - Oil Ratio
-
Flow Tubing Press.
-
Casing Pressure
-
Calculated 24-Hour Rate
18
Oil - Bbl.
-
Gas - MCF
-
Water - Bbl.
4
Oil Gravity - API (Corr.)
38.90

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented
Test Witnessed By
Eddie Curry

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
Drig. Engr.
DATE 2/27/85

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 <u>10,797</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,121</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2227</u>	T. Miss <u>12,123</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2345</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2717</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3543</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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 <u>5919</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>9723'</u>	T. <u>1st Bone Sprgs 7595</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>2nd Bone Sprgs 8432</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. <u>Dean 9247</u>	T. Penn. "A" _____	T. _____
	T. <u>Morrow 11682</u>		

OIL OR GAS SANDS OR ZONES

No. 1, from <u>8886'</u> to <u>8900'</u>	No. 4, from _____ to _____
No. 2, from <u>6986'</u> to <u>6994'</u>	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	485	485	Surface	7167	7814	647	Lime & Shale
485	570	85	Salt & Anhydrite	7814	7820	6	Sand & Shale
570	1313	743	Anhy & Salt	7820	8607	787	Lime & Shale
1313	1685	372	Anhy	8607	8796	189	Sand & Shale
1685	2300	615	Anhy & Salt	8796	8936	140	Shale
2300	2560	260	Anhy	8936	9277	341	Lime & Shale
2560	2784	224	Lime	9277	9459	182	Lime, Shale & Sand
2784	2864	80	Anhy	9459	9557	98	Sand
2864	2890	26	Anhy & Lime	9557	9651	94	Lime, Shale & Sand
2890	4668	1778	Dolo & Sand	9651	9867	216	Sand
4668	5050	382	Shale & Sand	9867	9993	126	Shale
5050	5126	76	Dolo & Sand	9993	10341	348	Lime & Shale
5126	5893	767	Sand & Shale	10341	10540	199	Shale
5893	6057	164	Sand & Lime	10540	11869	1329	Lime & Shale
6057	6329	272	Lime & Sand	11869	11916	47	Sand & Shale
6329	6973	644	Lime & Shale	11916	12184	268	Lime, Sand & Shale
6973	7026	53	Lime				