

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-045-27801
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Atlantic Fruitland 24 Com
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEPT RES ☐ OTHER ☐		
2. Name of Operator ARCO OIL AND GAS COMPANY		8. Well No. 2
3. Address of Operator P. O. Box 1610, Midland, Texas 79702		9. Pool name or Wildcat Basin-Fruitland Coal
4. Well Location Unit Letter <u>L</u> : <u>1750</u> Feet From The <u>South</u> Line and <u>790</u> Feet From The <u>West</u> Line Section <u>24</u> Township <u>31N</u> Range <u>10W</u> NMPM <u>San Juan</u> County		
10. Date Spudded 7-25-90	11. Date T.D. Reached 7-28-90	12. Date Compl. (Ready to Prod.) 8-30-90
13. Elevations (DF & RKB, RT, GR, etc.) 6737 GR	14. Elev. Casinghead	
15. Total Depth 3210	16. Plug Back T.D. 3195	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐		19. Producing interval(s), of this completion - Top, Bottom, Name 2999-3146 Fruitland Coal
20. Was Directional Survey Made NO		21. Type Electric and Other Logs Run C Z-D/GR/CNL
22. Was Well Cored NO		

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	294	12 1/4	236 cu ft	
5 1/2	15.5	3210	8 3/4	1305 cu ft	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	2990	2950

26. Perforation record (interval, size, and number) 3114-26, 3143-46 2999-3010, 3018-21, 3052-78	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3114-46	Frac w/26000 gals&89900# sd
	2999-3078	Frac w/77500 gals&250000# sd

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. SITP 650#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

30. List Attachments

31. 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

Signature Ken W. Gosnell Printed Name Ken W. Gosnell Title Engr. Tech. Date 9/10/90

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 25 through 29 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 _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo	2280	T. Penn. "B"	
T. Kirtland-Fruitland	2320	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 Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		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 to
No. 2, from to
No. 3, from to
No. 4, 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.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	294		surface				
294	2850		Sand & shale				
2850	3210		Coal				

Submit 3 Copies
to Appropriate
District Office

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Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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P.O. Box 1980, Hobbs, NM 88240

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1000 Rio Brazos Rd., Aztec, NM 87410

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P.O. Box 2088
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WELL API NO.
30-045-27801

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Atlantic Fruitland 24 Com

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER ☐

8. Well No. 8 2

2. Name of Operator
ARCO OIL AND GAS COMPANY

9. Pool name or Wildcat
Basin-Fruitland Coal

3. Address of Operator
P. O. Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter L : 1750 Feet From The South Line and 790 Feet From The West Line

Section 24 Township 31N Range 10W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6737 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD'd 8-3/4 hole at 3210, 7-28-90. Ran C Z-D/GR/CNL. Ran 5-1/2 15.5# csg to 3210 w/DV tool at 2662. Cmt'd w/150 sx "B" cmt w/1% cc + .6% FL-19 (1.18 yld, 177 cu ft). Attempt to open DV tool w/no success. Ran CBL. TOC at 2600. Perf sqz holes at 2500. Cmt w/500 sx 65/35/6 w/.8% FL-19 + 1/4# CF (1.82 yld, 910 cu ft) followed by 100 sx "B" w/2% cc (yld 1.18, 118 cu ft). Circ 67 bbls of lead cmt to surf. RR 7-31-90.

8-11-90. RUPU. Tag cmt at 2215. DO cmt to CO to 2549. Press test csg to 1000# w/no success. Re-sqz perf holes at 2500 w/100 sx "B" w/2% cc + 0.2% FL-19. WOC. DO CR & cmt to 3195 PBD. Press test csg to 1000# for 30 min.

Perf Fruitland f/3114-3126, 3143-3146. Frac w/26,600 gals & 89,900# sd. Set RBP at 3105. Perf Fruitland f/2999-3010, 3018-3021, 3052-78. Frac w/77,500 gals & 250,000# sd. POH w/RBP. Swab load. Well kick off flowing. Flow test & rec load water. RIH w/CA: 2-7/8 tbg, gas lift valves & pkr to 2990. Pkr at 2950. RDPU 8-30-90.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 9-12-90

TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE SEP 14 1990

CONDITIONS OF APPROVAL, IF ANY: