

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☒

OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name

Wimberly WN

9. Well No.

10. Field and Pool, or Wildcat

Langlie Mattix 7R On

12. County

Lea

19. Elev. Casinghead

b. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER Plug & Abandon

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 C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROMTHE West LINE OF SEC. 23 TWP. 25S RGE. 37E NMPM15. Date Spudded 10/10/82 16. Date T.D. Reached 10/18/82 17. Date Compl. (Ready to Prod.) Dry Hole 18. Elevations (DF, RKB, RT, GK, etc.) 3088.6' GR20. Total Depth 3500' 21. Plug Back T.D. P&A 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools 0-3500' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

Dry Hole

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CNL/FDC w/Caliper, GR-DLL, CBL

27. 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
14"	Cond Pipe	33'	17 1/2"	3 yds Redi-mix	None
8-5/8" OD	24# K-55	785'	11"	510 sx	None
5 1/2" OD	15.5# K-55	3500'	7-7/8"	900 sx	567'

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET

29. Perforation Record (interval, size and number)

Dry Hole

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3283-3285 & 3312-3313'	1000 gal 15% NEFE acid
3124-3232'	2000 gal 15% NEFE acid
3283-3313 & 3124-3232'	11,000 gal YFCO ₂ , 21,000#
	sd 2 stages, flush w/40 bbls

30. PRODUCTION slick wtr w/50% CO₂ (cont'd on back)

31. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Dry Hole		Dry Hole					
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
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

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

Robert P. Lawrence

TITLE

Drig. Engr.

DATE 6/6/83

INSTRUCTIONS

This form is to be filled 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 resistivity 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 36 through 34 shall be reported for each zone. The form is to be filled 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 _____	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 _____ 2439'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3077'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3357'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 _____	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 _____ Dry Hole _____ 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 _____ 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	48	48	Surface				
48	464	416	Red Bed				
464	929	465	Red Bed & Anhy.				
929	1174	245	Anhy.				
1174	2459	1285	Anhy & Salt				
2459	2602	143	Anhy				
2602	2960	358	Anhy & Salt				
2960	2980	20	Anhy				
2980	3050	70	Anhy & Salt				
3050	3500	450	Dolo & Lime				

RECEIVED
JUN -8 1983
O.C.D.
HOBBBS OFFICE

Form C-105 cont'd
Wimberly WN #13
Unit C, Sec 23-25S-37E
Lea County, New Mexico

Page 2

Item 32. cont'd

Acid, Shot, Fracture, Cmt Squeeze, etc.

<u>Depth Interval</u>	<u>Amount and Kind Material Used</u>
3283-3312'	Squeeze cmt'd w/100 sx ClH cmt w/lo wtr loss additive & 50 sx Cl H cmt cont'g 2% CaCl ₂ .
3124-3232'	Acidized w/4000 gals 15% HCL & 4000 gals CO ₂ .

DESERT DRILLING, INC.
P.O. Box 146
Hobbs, New Mexico 88240

WELL NAME AND NUMBER Arco - Wimberly Wn. # 13

INCLINATION RECORD

<u>Depth</u>	<u>Deviation</u>
275	3/4°
558	3/4°
785	1°
1054	1°
1324	1°
1648	1°
1992	2°
2232	
2241	3 1/2°
2365	3 1/2°
2459	3 3/4°
2550	
2602	2 1/4°
2724	2 1/4°
2980	2°
3500	1 3/4°

Signature MW Duncan

State of New Mexico
County of Lea

SWORN AND SUBSCRIBED TO BEFORE ME
BY MW. Duncan

This 25 Day of October
19 82.

Low McSonal
Notary Public