

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

451
B3M
St 2 of 2
B3M

WELL API NO.	30-015-26332
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	NM-4681

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name State "2"			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____				
2. Name of Operator ARCO OIL AND GAS COMPANY	8. Well No. 4			
3. Address of Operator P. O. Box 1610, Midland, Texas 79702	9. Pool name or Wildcat Shugart Yts SRQGR			
4. Well Location Unit Letter <u>L</u> : <u>2184</u> Feet From The <u>South</u> Line and <u>391</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>19S</u> Range <u>30E</u> NMPM <u>Eddy</u> County				
10. Date Spudded 5-11-90	11. Date T.D. Reached 5-22-90	12. Date Compl. (Ready to Prod.) 6-7-90	13. Elevations (DF & RKB, RT, GR, etc.) 3488.6 GR	14. Elev. Casinghead
15. Total Depth 3300	16. Plug Back T.D. 3252	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools	20. Was Directional Survey Made No
19. Producing interval(s), of this completion - Top, Bottom, Name 2928-3063 Queen				22. Was Well Cored No
21. Type Electric and Other Logs Run LDT-CNL-GR-Cal, DLL-MSFL-GR				

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	700	17 1/2	750 sx C - Circ	
8 5/8	24	2025	12 1/4	930 sx - Circ	
5 1/2	15.5	3300	7 7/8	610 sx - Circ	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	2906	2906

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3051-3063	13 holes	30-51-3063	A w/1500 gals. F w/7500 gals. & 15,750# sd.
2928-2981	36 holes	2928-2981	A w/2000 gals. Frac w/ 25,000 gals & 63,000# sd.

28. PRODUCTION				25,000 gals & 63,000# sd.			
Date First Production 6-8-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 6-10-90	Hours Tested 24	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl. 93	Gas - MCF 59	Water - Bbl. 39	Gas - Oil Ratio 634
Flow Tubing Press. 160	Casing Pressure pkr	Calculated 24-Hour Rate	Oil - Bbl. 93	Gas - MCF 59	Water - Bbl. 39	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold	Test Witnessed By
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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 6/14/90

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. Salt _____
 B. Salt _____
 T. Yates 2130
 T. 7 Rivers 2310
 T. Queen 2922
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 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	306	306	Red Bed				
306	681	375	Red Bed & Anhy				
681	700	19	Anhy				
700	1885	1185	Anhy & salt				
1885	2675	790	Anhy				
2675	2972	297	Anhy & dolo				
2972	3300	328	Dolo & lime				

ARTESIA FISHING TOOL COMPANY

P. O. BOX 470 PHONE (505) 786-6651

ARTESIA, NEW MEXICO 88210

May 24, 1990

ARCO Oil and Gas Company
Central District
PO Box 1610
Midland, TX 79702

Re: State 2 No. 4
ARCO Contract Number AR-93234
2310' FSL & 330' FWL
Sec. 2, T19S, R30E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

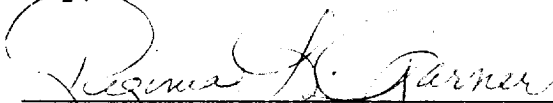
DEPTH	DEVIATION
484'	2 1/2°
700'	1 1/2°
1005'	1°
1380'	1/2°
1882'	1°
2025'	3/4°
2479'	1 3/4°
2980'	1 1/2°
3300'	1 1/2°

Very truly yours,


C. E. LaRue
Vice President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 24th day of May, 1990.


NOTARY PUBLIC

