

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
Revision 1-1-89

WELL API NO.	30-025-31983
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 South Justis Unit "F"			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	8. Well No. 170			
2. Name of Operator ARCO Oil & Gas Company	9. Pool name or Wildcat Justis Blbry-Tubb-Dkrd			
3. Address of Operator Box 1610, Midland, Texas 79702				
4. Well Location Unit Letter <u>K</u> : <u>2250</u> Feet From The <u>South</u> Line and <u>1365</u> Feet From The <u>West</u> Line Section <u>13</u> Township <u>25-S</u> Range <u>37-E</u> NMPM <u>Lea</u> County				
10. Date Spudded 10-21-93	11. Date T.D. Reached 10-29-93	12. Date Compl. (Ready to Prod.) 1-2-94	13. Elevations (DF& RKB, RT, GR, etc.) 3081' GR	14. Elev. Casinghead
15. Total Depth 6050'	16. Plug Back T.D. 6004'	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 5105-5964' Blbry-Tubb-Dkrd				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run DLL/MLL/GR/C - ZDL/GR/C - SL/GR/C				22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	975'	12-1/4	770 sx - circ cmt	0
4-1/2	10.5	6050'	7-7/8	1500 sx - circ cmt	0

24. LINER RECORD	25. TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
	2-3/8 5990'
26. Perforation record (interval, size, and number) 5105-5964'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5105-5964' A w/10,500 gals

28. PRODUCTION							
Date First Production 1-2-94	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Prod	
Date of Test 1-8-94	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 4	Gas - MCF 3	Water - Bbl. 10	Gas - Oil Ratio 750
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 4	Gas - MCF 3	Water - Bbl. 10	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By	
30. List Attachments Electric logs, Inclination Record							
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 Agent	Date 1-31-94				

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 4650'	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinbry 5000'	T. Gr. Wash _____
T. Tubb 5700'	T. Delaware Sand _____
T. Drinkard 5895'	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	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 Otzite _____
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. 3, from _____ to _____
No. 2, 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	370	370	surf				
370	670	300	red bed and anhy				
670	695	305	red bed, anhy & salt				
975	1750	775	dolo				
1750	2440	690	salt & anhy				
2440	2726	286	anhy				
2726	3000	274	anhy & dolo				
3000	3290	290	anhy & lime				
3290	3485	195	anhy				
3485	4300	815	anhy & dolo				
4300	4975	675	dolo				
4975	5439	464	dolo & lime				
5439	6050	611	dolo				