

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- 31779 31777
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 "E"	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESER ☐ 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>L</u> : <u>2300</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>13</u> Township <u>25S</u> Range <u>37E</u> NMPM Lea County			
10. Date Spudded 12-15-92	11. Date T.D. Reached 12-27-92	12. Date Compl. (Ready to Prod.) 6-26-93	13. Elevations (DF& RKB, RT, GR, etc.) 3111 RKB 3095 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 X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5114-5970 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	1000	12-1/4	500 sx	0
4-1/2	10.5	6050	7-7/8	1950 sx	0

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	5983
26. Perforation record (interval, size, and number) 5114-5970				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5114-5970 A w/18,700 gals		

28. PRODUCTION

Date First Production 6-26-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod	
Date of Test 6-30-93	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 4	Gas - MCF 3	Water - Bbl. 6	Gas - Oil Ratio 750
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 4	Gas - MCF 3	Water - Bbl. 6	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 <i>Ken W. Gosnell</i>	Printed Name Ken W. Gosnell	Title Reg. Coord.	Date 7-1-93

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 triplicate 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	950	T. Strawn	_____
B. Salt	2150	T. Atoka	_____
T. Yates	2298	T. Miss	_____
T. 7 Rivers	_____	T. Devonian	_____
T. Queen	3075	T. Silurian	_____
T. Grayburg	3300	T. Montoya	_____
T. San Andres	3550	T. Simpson	_____
T. Glorietta	4715	T. McKee	_____
T. Paddock	_____	T. Ellenburger	_____
T. Blinberry	5035	T. Gr. Wash	_____
T. Tubb	5755	T. Delaware Sand	_____
T. Drinkard	5924	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. Picured 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. Perm "A"	_____	T. _____	_____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

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	442	442	Surf & Red bed				
442	1000	558	Red bed and anhy				
1000	2175	1,175	Salt				
2175	2355	180	Salt & anhy				
2355	3575	1,220	Anhy				
3575	3845	270	Anhy-Dolo-Lime				
3845	4227	382	Anhy				
4227	4415	188	Anhy & Dolo				
4415	4716	301	Anhy				
4716	6050	1,334	Dolo				

RECEIVED

JUL 15 1993