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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 10-68

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State and F. M. Lease No.	B-2071-25

1a. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
 b. TYPE OF COMPLETION
 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESERV. ☐ OTHER ☐

7. Test A or B or C or D or E or F or G or H or I or J or K or L or M or N or O or P or Q or R or S or T or U or V or W or X or Y or Z or AA or AB or AC or AD or AE or AF or AG or AH or AI or AJ or AK or AL or AM or AN or AO or AP or AQ or AR or AS or AT or AU or AV or AW or AX or AY or AZ or BA or BB or BC or BD or BE or BF or BG or BH or BI or BJ or BK or BL or BM or BN or BO or BP or BQ or BR or BS or BT or BU or BV or BW or BX or BY or BZ or CA or CB or CC or CD or CE or CF or CG or CH or CI or CJ or CK or CL or CM or CN or CO or CP or CQ or CR or CS or CT or CU or CV or CW or CX or CY or CZ or DA or DB or DC or DD or DE or DF or DG or DH or DI or DJ or DK or DL or DM or DN or DO or DP or DQ or DR or DS or DT or DU or DV or DW or DX or DY or DZ or EA or EB or EC or ED or EE or EF or EG or EH or EI or EJ or EK or EL or EM or EN or EO or EP or EQ or ER or ES or ET or EU or EV or EW or EX or EY or EZ or FA or FB or FC or FD or FE or FF or FG or FH or FI or FJ or FK or FL or FM or FN or FO or FP or FQ or FR or FS or FT or FU or FV or FW or FX or FY or FZ or GA or GB or GC or GD or GE or GF or GG or GH or GI or GJ or GK or GL or GM or GN or GO or GP or GQ or GR or GS or GT or GU or GV or GW or GX or GY or GZ or HA or HB or HC or HD or HE or HF or HG or HH or HI or HJ or HK or HL or HM or HN or HO or HP or HQ or HR or HS or HT or HU or HV or HW or HX or HY or HZ or IA or IB or IC or ID or IE or IF or IG or IH or II or IJ or IK or IL or IM or IN or IO or IP or IQ or IR or IS or IT or IU or IV or IW or IX or IY or IZ or JA or JB or JC or JD or JE or JF or JG or JH or JI or JJ or JK or JL or JM or JN or JO or JP or JQ or JR or JS or JT or JU or JV or JW or JX or JY or JZ or KA or KB or KC or KD or KE or KF or KG or KH or KI or KJ or KK or KL or KM or KN or KO or KP or KQ or KR or KS or KT or KU or KV or KW or KX or KY or KZ or LA or LB or LC or LD or LE or LF or LG or LH or LI or LJ or LK or LL or LM or LN or LO or LP or LQ or LR or LS or LT or LU or LV or LW or LX or LY or LZ or MA or MB or MC or MD or ME or MF or MG or MH or MI or MJ or MK or ML or MM or MN or MO or MP or MQ or MR or MS or MT or MU or MV or MW or MX or MY or MZ or NA or NB or NC or ND or NE or NF or NG or NH or NI or NJ or NK or NL or NM or NN or NO or NP or NQ or NR or NS or NT or NU or NV or NW or NX or NY or NZ or OA or OB or OC or OD or OE or OF or OG or OH or OI or OJ or OK or OL or OM or ON or OO or OP or OQ or OR or OS or OT or OU or OV or OW or OX or OY or OZ or PA or PB or PC or PD or PE or PF or PG or PH or PI or PJ or PK or PL or PM or PN or PO or PP or PQ or PR or PS or PT or PU or PV or PW or PX or PY or PZ or QA or QB or QC or QD or QE or QF or QG or QH or QI or QJ or QK or QL or QM or QN or QO or QP or QQ or QR or QS or QT or QU or QV or QW or QX or QY or QZ or RA or RB or RC or RD or RE or RF or RG or RH or RI or RJ or RK or RL or RM or RN or RO or RP or RQ or RR or RS or RT or RU or RV or RW or RX or RY or RZ or SA or SB or SC or SD or SE or SF or SG or SH or SI or SJ or SK or SL or SM or SN or SO or SP or SQ or SR or SS or ST or SU or SV or SW or SX or SY or SZ or TA or TB or TC or TD or TE or TF or TG or TH or TI or TJ or TK or TL or TM or TN or TO or TP or TQ or TR or TS or TT or TU or TV or TW or TX or TY or TZ or UA or UB or UC or UD or UE or UF or UG or UH or UI or UJ or UK or UL or UM or UN or UO or UP or UQ or UR or US or UT or UY or UZ or VA or VB or VC or VD or VE or VF or VG or VH or VI or VJ or VK or VL or VM or VN or VO or VP or VQ or VR or VS or VT or VU or VV or VW or VX or VY or VZ or WA or WB or WC or WD or WE or WF or WG or WH or WI or WJ or WK or WL or WM or WN or WO or WP or WQ or WR or WS or WT or WU or WV or WW or WX or WY or WZ or XA or XB or XC or XD or XE or XF or XG or XH or XI or XJ or XK or XL or XM or XN or XO or XP or XQ or XR or XS or XT or XU or XV or XW or XX or XY or XZ or YA or YB or YC or YD or YE or YF or YG or YH or YI or YJ or YK or YL or YM or YN or YO or YP or YQ or YR or YS or YT or YU or YV or YW or YX or YY or YZ or ZA or ZB or ZC or ZD or ZE or ZF or ZG or ZH or ZI or ZJ or ZK or ZL or ZM or ZN or ZO or ZP or ZQ or ZR or ZS or ZT or ZU or ZV or ZW or ZX or ZY or ZZ

2. Name of Operator **ARCO Oil and Gas Company**
 Division of Atlantic Richfield Company

JUL 20 19

3. Address of Operator
 Box 1710, Hobbs, New Mexico 88240

10. Field and Loc., or Wellcat
 Empire Abo

4. Location of Well
ARTESIA, OFFICE

UNIT LETTER **H** LOCATED **1550** FEET FROM THE **North** LINE AND **750** FEET FROM

THE **East** LINE OF SEC. **34** TWP. **17S** RGE. **28E** NE 1/4

12. County
 Eddy

15. Date Spudded 6/9/79	16. Date T.D. Reached 6/20/79	17. Date Compl. (Ready to Prod.) 7/5/79	18. Elevations (DF, RKB, RT, GR, etc.) 3675.6' GR	19. Elev. Casinghead
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20. Total Depth 6350'	21. Plug Back T.D. 6282'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name
 6224-34' Abo Reef

25. Was Directional Survey Made
 No

26. Type Electric and Other Logs Run
 DLL w/RXO, GR-CNL-FDC w/caliper & 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
8-5/8" OD	24# K-55	744'	11"	375 sx	
5 1/2" OD	15.5# K-55	6350'	7-7/8"	1265 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6129'	6129'

31. Perforation Record (Interval, size and number)
 6224-6234' = 2 JSPF - 20 .50" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6292-6302'	Acidized w/150 gal 15% HCL-LSTNE
	FE, 1000 gal 10# gel CaCl wtr,
	1000 gal gel LC, 1000 gal 15%
	LSTNE-FE & 24 BO. (cont'd on

PRODUCTION

33. Date First Production 7/5/79		Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg				Well Status (Prod. or Shut-in) Prod	
Date of Test 7/6/79	Hours Tested 24	Choke Size 48/64"	Prod'n. Per Test Period →	Oil - Bbl. 241	Gas - MCF 132	Water - Bbl. 1	Gas - Oil Ratio 548:1
Flow Tubing Press. 100#	Casing Pressure Pkr	Calculated 24-Hour Rate →	Oil - Bbl. 241	Gas - MCF 132	Water - Bbl. 1	Oil Gravity - API (Corr.) 44°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
 Sold

Test Witnessed By
 N. H. Truitt

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 SLK for L.D. LANE TITLE Dist. Drlg. Supt. DATE 7/19/79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 30 through 34 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 1165.

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 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quito _____
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 _____ 5820'	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 6224' to 6234'	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.	Encountered water flow @
No. 2, from _____ to _____ feet.	2655' ARO 14 BPH, Incr to
No. 3, from _____ to _____ feet.	170 BPD while drlg @ 5755'
No. 4, from _____ to _____ feet.	& cont'd until prod casing

FORMATION RECORD (Attach additional sheets if necessary) cemented.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	744	744'	Surface, Caliche, Sd & Red Bed				
744	4924	4180	Anhydrite				
4924	5003	79	Anhydrite & Lime				
5003	5109	106	Anhydrite				
5109	6350	1241	Lime				