

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

JUN 27 1984
O. C. D.
ARTESIA, OFFICE

Form C-103
Revised 10-1-78

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		5. State Oil & Gas Lease No. 647
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>G</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NMPM.		8. Farm or Lease Name Empire Abo Unit "J"
15. Elevation (Show whether DF, RT, GR, etc.) 3649' GR		9. Well No. 27
		10. Field and Pool, or Wildcat Empire Abo
		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>Kick Off thru Csg, Drill Horizontal</u> <input checked="" type="checkbox"/>	
		<u>Drain Hole - same zone</u>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

RU 3/4/84, inst BOP & POH w/pkr & tbq. Set pkr @ 5985' & sqzd Abo perms 6158-6270' w/150 sx Cl H cmt cont'g .6% Halad-9 followed by 150 sx Cl H Neat cmt. RO 10 sx. Moved pkr to 5800' & press tstd csg to 1000# OK. POH w/pkr. Ran bit & drld cmt 5990-6235'. Press test squeeze job to 1500# OK. POH w/bit. Ran GR-DSNL/CCL. RIH w/Model DW-1 44-26 whipstock anchor pkr w/key locator, set pkr @ 6205.1'. Whipstock anchor tool face located @ S800W by direction survey. RIH w/40-26 W-2 whipstock anchor & Christensen 20'/ft whipstock anchor w/4-13/16" starting mill. Whipstock oriented N20°W. Stung into pkr @ 6195.45', shear lug on whipstock. Displ hole w/EP mud system. Top of whipstock corrected to 6188.35'. Cut window in csg 6188-6192'. RIH w/bit & angle bldg assy on DP & drld 6192-6212'. POH w/bit. Ran gyro-survey. Btm survey 6214' MD, 20°, S8° 31 mins East. TVD 6211.08', 128.60'N, 47.72'W. Lost mud returns. Sqzd drainhole 6188-6212' w/150 sx Cl H cont'g .6% Halad-9 & 100 sx Cl H Neat. RO 25 sx cmt to pit. Ran bit, tagged cmt @ 5983', drld cmt 5983-6192.5'. POH w/bit. Ran mill & milled to 6191'. POH w/mill. RIH w/bit & drld to 6214'. Ran multishot survey @ 6235', 82.30°N75°E. TVD 6219.26', 144.29'N, 31.99'W. Ran bit & drld 4-3/4" hole to 6278'. POH w/bit. Ran multi-shot survey @ 6278 SLM, 92°N78°E. TVD 6219.73', 155.58'N, 16.89'E. Ran bit & drld 6278-6428'. POH w/bit. Ran multishot survey 6428 SLM, 96.5°N78°E @ 6433' WLM. Btm hole loc @ 6433' WLM, 96.5°N78°E, TVD 6208.15', 189.32'N, 160.26'E. Horizontal displ of whipstock 218.68' @ N74.5°E. Horizontal hole drlg comp 5/5/84. Washed hole clean. RIH w/Lok-set pkr, set @ 6143'. On 5/11/84 swbd Abo fm DH 6188-6428', rec 1 BNO, 95 BLW, show of gas. RIH w/Kobe pump cavity, reset pkr @ 6122', pump cavity @ 6104'. On 20 hr test 6/14/84 pmpd 0 BO, 133 BW & 63 MCFG. SI 6/15/84. Drainhole unsuccessful. Final Report

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Robert E. Balchidy TITLE Drlg. Engr. DATE 6/22/84

APPROVED BY _____ TITLE Ledie A. Clements DATE JUN 28 1984

CONDITIONS OF APPROVAL, IF ANY:

Original Signed By
Ledie A. Clements
Superintendent District II