

OIL CONSERVATION DIVISION

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

Form C-103  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> For <input type="checkbox"/>
5. State Oil & Gas Lease No. E-944

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.)

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator ARCO Oil & Gas Company	8. Farm or Lease Name State 19
Div of Atlantic Richfield Co.	9. Well No. 1
Address of Operator P. O. Box 1710, Hobbs, N M 88240	10. Field and Pool, or Wildcat Undesignated Kennnitz Atoka Morrow So. Gas
Location of Well UNIT LETTER 0 960 FEET FROM THE South LINE AND 2130 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 16S RANGE 34E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 4153' GR	12. County Lea

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"/>		CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> Prod csg	
OTHER <input type="checkbox"/>		OTHER DST, Log, treat & comp <input checked="" type="checkbox"/>	

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.

Drl'd to 11,490' on 12/29/81. DST # 1, Canyon 11,433-11,490'. Set pkr. Opened tool @ 4:55 AM, 12/29/81, initial flow, IHP 5746#, FHP 5739#, IF 1000#, FIFP 939#, ISIP 5357#, SI 60 mins, 2nd IF 1000#, 2nd FF 1136#, 2nd SIP 4775#. 1st flow, tool, tool opened w/ weak blow incr to 10 oz @ end of flow period. 2nd flow, tool opened w/gas to surf. 50 PSIG, 1/2" orifice, 22.8 MCFPD. In 60 mins 1.50 PSIG, 1/2" orifice, 24.3 MCFPD. Recovery in pipe - 21.30 bbls gas & oil cut water cushion. 7.60 bbls form fluid, .76 bbls oil BHT 196°F. Finished drlg 7-7/8" hole to 13,200' @ 3:00 PM, 1/15/82. Ran GR-DLL w/R, FDC/CNL & RFT log (Repeat Formation Tester). RIH w/13,111' of 5 1/2" OD 17# L-80 csg set @ 13,105', FC set @ 13,013', DV tool set @ 7004'. Cmt'd w/900 sx Howco Lite contg .4% Halad 22-A, 5#/sk KCL, 1/2#/sk Flocele followed by 350 sx Cl H cmt w/.6% Halad 22-A, .5% CFR-2 & 5#/sk KCL. CIP @ 10:00 PM, 1/18/82. Opened SC @ 7004' & cmt'd w/900 sx Howco Light contg 1/2#/sk flocele, followed by 100 sx Cl H neat cmt, circ cmt to surf. BP w/700# over diff press. CIP @ 3:20 AM, 1/19/82. Installed WH, WOC. RIH w/bit & drld cmt & DV tool, run bit to 12,968'. Ran CBL 12.968-10,000', good cmt bond across interval to be perf. Perf @ 12,615', 17, 27, 29, 35, 37, 39, 12,640' w/16-.56" holes. RIH w/pkr & tbg, set pkr @ 12,563', acidized perms 12,615-12,640' w/500 gals 15% MFBC acid, 1500 gal Methanol 2500 gal 15% MFBC acid, 25% by volume CO<sub>2</sub> on 2/25/82 flwd back w/200# back press. 700 MCFGD on 3/4" chk. POH w/pkr. RIH w/pkr set @ 12,584'. Frac'd perms 12,615-12,640' w/35,200 gal versgel 1500 w/30% CO<sub>2</sub> by volume & 45,000# Bauxite pellets. Flwd back & stabilized ARO 2.5 MMCFGPD TP 1125#, tr oil, 1/2 BWPH. On test 3/15/82 flwd 6 hrs ARO

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

SIGNED Jeanne Schmidt TITLE Dist. Drlg. Supt. DATE 4/19/82

APPROVED BY Les Clements TITLE Oil & Gas Insp. DATE APR 29 1982

CONDITIONS OF APPROVAL:

2.3 MMCFGPD, 5 BNO, 3 BW, 1150# FTP. On 4-pt test 3/31/82 CAOF 5,781 MCFGD, 4 bbl 48<sup>0</sup>  
gravity condensate. Shut-In, WOPLC.  
FINAL REPORT.

RECEIVED  
APR 28 1982  
G.C.C.  
HOBBS OFFICE