

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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DISTRIBUTION	
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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Langley Greer Com
3. Address of Operator Box 1710, Hobbs, New Mexico 88240	9. Well No. 1
4. Location of Well UNIT LETTER F , 1650 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 21 TOWNSHIP 22S RANGE 36E NMPM.	10. Field and Pool, or Undesignated Langley Devonian Gas
11. Elevation (Show whether DF, RT, GR, etc.) 3525.7' GR	12. County Lea

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

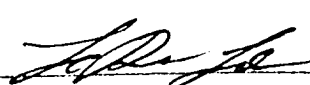
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

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"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <u>Log, perf Ellenburger, Treat, Squeeze</u> <input checked="" type="checkbox"/> Cmt, Perf McKee, Treat, Cmt squeeze, Perf Devonian Treat & Complete			

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.

On 2/27/79 ran CB-GR-CL log 9000-16,242'. RIH w/Model D pkr w/6' mill out extension, 10' 2-3/8" tbg sub, 1.81" F nipple, 2-3/8" 10' tbg sub, 1.81" F nipple, 499 jts 2-7/8" OD EUE tbg, set pkr @ 15,894'. Perf'd Ellenburger thru tbg 15,951, 60,67, 16031, 37, 67, 84, 16101, 04, 12, 34, 45, 51, 55, 62, 65, 72, 77, 80, 91, 16205, 08, 14, 18' (24 shots). Acidized Ellenburger perfs 15951-16218' w/25,000 gal 15% HCL, 1,320,000 CFN₂, MP 8780#, Min 8730#, ISIP 7970#. Flwd well w/TP @ 6000#, died in 7½ hrs, SI 1 hr, TP 700#. Resumed flwg well, died @ 4:30 AM 3/3/79, no gas, load wtr only. Jetted out load wtr, no gas. SI 3½ hrs, TP 125#. POH w/tbg assy. Spotted 100 sx C1 H cmt w/3/10 R-6 @ pkr set @ 15,894'. MP 4000#. Flwd back 16 bbls. SIP 700#. Over displaced 50 bbls. SIP 3000#. WOC 6 hrs. SIP 1000#. Flwd back 10 bbls, SIP 800#. Spotted 100 sx C1 H w/3/10% R-6 @ pkr & displ cmt 1 bbl below pkr. MP 5000#. WOC 12 hrs. Press squeeze to 2000#, would not hold. Spotted 75 sx C1 H cmt w/4/10% R-6 @ pkr, MP 6500#. RO 24 sx cmt. SI w/press @ 1000#. WOC 5½ hrs. Press tested csg to 2000# for 30 mins OK. RIH w/Model A pkr & compl assy on 2-7/8" OD tbg, set pkr @ 14,760'. Perf'd McKee fm @ 14,823, 963, 88, 95, 15008, 21, 26, 47, 56, 61, 76, 83, 90, 15111, 20, 27, 31, 38, 45' (19 holes). Open well to pit, flwd 3 hrs on ½" ck, FTP 40# ARO 300 MCFGD. SWI 1 hr, TP 200#, CP 0#. Opened on ½" ck, FTP 75#, decr to 40# in 2 hrs. Ran CL to 15,899', no sand in csg. POH w/CL. Flwd on ½" ck, FTP 55#, small amt wtr & condensate. Ran 2-7/8" gauge, btm hole recorder, locked in 14,713'. Flwd well 2 hrs, SI. POH w/btm hole press recorders from 14,413'. Ran static & temp recorders to 14,413'. Frac'd McKee perfs 14,823-15,145' w/1780 bbls gelled wtr & 69,640# 20/40 sd. MP 10,000#. Min 7300#. ISIP 5800#.
(cont'd on back)

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

SIGNED	TITLE Dist. Drlg. Supt.	DATE 7/25/79
APPROVED BY 	Orig. Signed by Jerry Sexton Djst 1, Supv.	DATE JUL 27 1979
CONDITIONS OF APPROVAL, IF ANY:		

RIH w/coil tbg, jetted frac fluid from hole. 5/12/79 SITP 0#, 5/13/79 175#, 5/14/79 SITP 260#. POH w/tbg. RIH w/DR plug on tbg, set in Model D pkr @ 14,760' & POH w/tbg. Spot 4 sx sd & tagged top @ 14,742'. Spotted 25 sx Cl H cmt w/.2 of 1% D-13. WOC. POH w/tbg. Tagged top of cmt @ 14,673'. Ran Model D pkr, set @ 12,310'. Perf'd Devonian Gas w/l JS ea @ 12381, 89, 12415, 26, 39, 54, 66, 76, 86, 95, 12543, 53, 69, 77, 82, 92, 12606'. Acid frac'd Devonian w/5000 gal flush followed by 2100 gal 28% HCL acid cont'g frac balls. MP 9600#, Min 9200# followed by 20,000 gal 28% HCL acid, 30,000 gal pad & 26,000 gal flush & over flush. Max 9600#, Min 7060#. Flwd well back to pit. Turned thru separator, FTP 2250# on 18/64" ck. Sepr press 600#. Flow rate @ 3.5 MMCFD, rec 24 bbls cond in 2 hrs. On 4 point test (24 hrs per point) Devonian Gas indicated a CAQFP of 9157 MMCF. Test dates were 7/16/79 thru 7/20/79. During 4 day test flwd 1429 BC, 53.6⁰ gvty. New Devonian Gas well. Final report.

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JUL 10 1979
O.C.D. HOBBS, OFFICE