

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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 ☐ 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.)

OIL ☐ GAS ☒ OTHER ☐

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

1. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM
THE East LINE, SECTION 28 TOWNSHIP 22S RANGE 36E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name

Langley Griffin

9. Well No.

10. Undesignated or Wildcat
Langley Ellenburger
Langley Devonian

15. Elevation (Show whether DF, RT, GR, etc.)
3488.4' GR

12. County
Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☒ Production Csg
OTHER Core, DST, perf, treat, 4-pt ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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 3/3/80 cored Devonian 12,473-12,531', 58', full rec. DST #1, Devonian 12,431-12,620', OT @ 6 AM 3/6/80 for 15 mins, mud & strong blow, 120 psi thru 3/8" ck. GTS in 18 mins. ISIP 60 mins 320#, 90 mins 310 psi on 3/8" ck. Calc rate of flow 1.05 MMCFGD. Relsd tools @ 2:45 PM reverse out 10 BO. IHP 5639, 15 mins. IFP 429, 60 mins ISIP 5008, 90 mins FFP 945, 6 hr. FSIP 4980, FHP 5639. On 4/1/80, cored Ellenburger, core #2 15,235-15,365', cut 40', rec 38'. DST #2 & 3, Ellenburger 15,296-15,475', 15,328-15,498'. Pkr seat failed to hold. No test. Ran Sonic log 6224'-15,656', Dipmeter 8900'-15,656'. Reached 15,656' TD on 4/9/80. RIH w/ 6201' of 7" OD 26# SS-95 csg, 6789' of 7" OD 23# SS-95 csg, 2646' of 7" OD 29# SS-95 csg set @ 15,638' FC set @ 15,539', DV tool set @ 9876'. Cmtd 1st stage w/ 1000 gals SAM-4 spacer, 1300 sx C1 H cmt w/8% Halad-22A & .4% CFR-2 & 5# KCL/sk. Circ 50 sx cmt thru DV tool to pit. Cmtd 2nd stage w/ 1000 gals SAM-4 spacer ahead of 1375 sx HLC w/.5% Halad-22A, .3% CFR-2 & 5# KCL/sk followed by 600 sx C1 H cmt w/ .6% Halad-22A, .4% CFR-2, 5# KCL/sk. Circ 222 sx cmt to surf. PD @ 6:05 AM 4/13/80. WOC. Drld out cmt 15,494 to FC @ 15,539'. Press tested csg to 3000# for 30 mins, OK. Ran CBL. Perf'd Ellenburger 15,322-15,515' w/ 28-.50" holes. RIH w/ dual comp assy, set pkr @ 15,180' & pkr @ 12,290'. Treated Ellenburger perfs 15,322-15,515' w/500# TLC-80 block, 10,000 gals 15% NE acid 50,000 gals 3% acid gel Frac II & 50,000 gals 20% HCL retarded acid, flushed w/ 24,000 gals slick gelled KCL water cont'g 1,059,600 SCF N₂. Flwd back load & cleaned up. Test thru separator 8 hrs ARO 1.6 MMCFG, 1 1/2 BOPH, 1 BWPH. 24 hr SITP 1250#. Set plug in Ellenburger SN @ 15,246' w/ 20# mercury on top. Set RBP @ 13018' w/4 sx sd on top.

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

SIGNED Jerry Sexton

TITLE Dist. Drlg. Supt.

DATE 8/4/80

Orig. Signed by

Jerry Sexton

Dist. 1, Supv.

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 7 1980

OIL CONSERVATION DIV.

Perf'd Devonian 12,435-12,668' = 29 -.50" holes. Set pkr @ 12,275'. Fraced Dev perfs 12,435-12,668' w/ 12,000 gals 15% HCL acid, 45,000 gals complex 3% HCL acid, 45,000 gals 20% retarded acid & 23,000 gals gel 2% KCL water flushed w/ 70 bbls 2% KCL wtr. Flwd back load & clean up. On 6/18/80 flwd Dev 24 hrs thru separator, rec 166 BNO, 18 BLW, 1.175 MMCFGPD, TP 620#, BP 340# on 24/64" ck. Killed well, POH w/ pkr. Circ sd off RBP. POH w/ RBP @ 13,018'. RIH w/ Dev comp assy set in 7" dual Hyd. pkr @ 12,312'. On 7/25/80 flwd Dev 24 hrs, rec 162 BO, 0 BW, 1,076 MCFG, FTP 1010#, CP 0#. On 7/24/80 flwd Ellenburger 24 hrs, rec 60 BO, 6 BW, 1,711 MCFG, FTP 1060#, CP 0#. SI both zones on 7/26/80 for 4-pt test. On 4-pt test 7/30/80 Devonian zone 12,435-12,668' indicated a CAOP of 3.277 MCFG. Produced 50 BO, 55.4° gvt. 0 BW during 8 hr test. On 4-pt test 7/29/80 Ellenburger zone 15,322-15,515' indicated @ CAOP of 5.407 MCFG. Produced 16 BO, 65.3° gvt. 0 BW during 8 hr test. FINAL REPORT.