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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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SUNDRY NOTICES AND REPORTS ON WELLS APR 29 1976

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO CLOSE OR PLUG BACK TO AN ADJACENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐
2. Name of Operator Atlantic Richfield Company ✓		5. State Oil & Gas Lease No. B-11594-3
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name
4. Location of Well UNIT LETTER F, 2713 FEET FROM THE West LINE AND 2610 FEET FROM THE North LINE, SECTION 6, TOWNSHIP 18S, RANGE 28E, NMPM.		8. Farm or Lease Name Empire Abo Unit "J"
15. Elevation (Show whether DF, RT, GR, etc.) 3660.8' GR		9. Well No. 221
		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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒ 5 1/2" Prod Csg	
		OTHER Directional Survey, Log, DST ☒	

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 4/8/76 ran Eastman Multishot Directional Survey from 600-4890' on WL. Bottom of hole 154.15' N 43° 30'W. Resumed drlg 7-7/8" hole. Reached 6305' TD @ 4:15 PM 4/13/76. POH w/bit. Ran GR-Neutron log 5275-6312' & Dual Laterolog-MSFL log 5275-6312' WLTD. Ran caliper survey 550-6312' WLTD. RIH w/inflatable straddle pkr & DST tools. DST #1 Abo 5890-5915'. Flwd well 45 mins, 31/64" ck w/860 psi, separator press 200 psi. Gas rate 1389 MCFGPD w/4.57 BOPD, GOR 304,000:1. Rel pkr, reset for DST #2 Abo 5941-5966'. Flwd well 30 mins on 32/64" ck w/815 PSI, separator press 150 psi. Gas rate 1278 MCFGPD w/4.57 BOPD, GOR 280,000:1. Rel pkr, reset for DST #3 Abo 6014-6039'. Flwd well to pit 3 hrs, oil to surf in 2 1/2 hrs, turned thru separator, well dead in 1/2 hr, rec 3.6 BO = 171 BOPD, 213,500 CFGPD, GOR 1242:1. Rel pkr & POH w/pkr & DST tools. Ran 5 1/2" OD 15.5# K-55 csg (1605') on bottom and 5 1/2" OD 14# K-55 csg (4680') on top. Set 5 1/2" OD csg @ 6300' w/FC @ 6254' & stage collar @ 4019'. Cmtd 5 1/2" OD csg in 2 stages as follows: Stage #1 - pmpd 10 bbls CW7 mud wash & 100 BW followed by 450 sx Cl C 50/50 Poz cmt w/2% gel, .6% TIC, 8# salt & 5# gilsonite/sk. Bumped plug w/1750# @ 4:45 AM 4/16/76. Opened stage collar @ 4019' & circ out 80 sx cmt. Stage #2 - cmtd 5 1/2" OD csg thru stage collar @ 4019' as follows: pmpd 50 BW & 20 sx thin cmt followed by 1100 sx light wt cmt w/8# salt/sk & 100 sx Cl C w/8# salt/sk. Bumped plug & closed stage collar w/2350# @ 12:05 PM 4/16/76. Circ 85 sx cmt. Circ to surface. WOC 48 hrs. WIH w/bit & drld stage collar @ 4020'-4022', lowered bit to 6234' OK. Pressure tested 5 1/2" OD csg to 1000# for 30 mins, tested OK.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 4/27/76

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 29 1976

CONDITIONS OF APPROVAL, IF ANY: