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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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|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease     | State <input checked="" type="checkbox"/> For <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.   | 647                                                                    |
| 7. Unit Agreement Name         |                                                                        |
| 8. Farm or Lease Name          | State BV                                                               |
| 9. Well No.                    | 1                                                                      |
| 10. Field and Pool, or Wildcat | Undesignated South Empire Morrow Gas                                   |
| 12. County                     | Eddy                                                                   |

SUNDARY NOTICES AND REPORTS ON WELLS  
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR TO MAKE A DIFFERENT USE OF A WELL FOR REMEDIAL WORK OR FOR OTHER PROPOSALS.

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator  
Atlantic Richfield Company

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

Location of Well  
UNIT LETTER J, 1800 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 25 TOWNSHIP 17S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)  
3688.5' GR

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"/>                 |
| WELL OR ALTER CASING <input type="checkbox"/>  |                                           | CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> | Production Liner <input checked="" type="checkbox"/>          |
| OTHER <input type="checkbox"/>                 |                                           | OTHER <input type="checkbox"/>                                  | DST, Log, Perf & Complete <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.

Drld 6-1/2" hole to 7878' @ 2:15 PM 4/28/78. DST #1 7810-7878' Wolfcamp. TO @ 4:54 AM 4/29/78 30 min preflow, ran test w/manifold closed, used teleflow due to very low rates & pressures. IFP 0#, FFP 1.06#. Closed tool @ 5:24 AM. ISIP 2 hrs. Surf press stabilized in 6 mins. FFP 2 hrs. TO @ 7:26 AM 4/29/78. IFP 0#, FFP 4.15#. Closed tool @ 9:27 AM for FSIP, FSI 5 hrs. Surf press stabilized in 5 mins. Final test @ 2:27 PM 4/29/78. Sampler 1.2 cfg, 1790 cc oil, no wtr, no mud. BHT 123°F. IHP 3737, IF 98-98, IS 1516, FF 58-123, FSI 2243, FHP 3737. Rel pkr, POH w/test tool. Had .0147 BO, .284 oil cut mud in DCs. Drld to 9175' & lost returns. Spotted 24 bbls BJ Saf-MX3 @ 9206'. PUH to 8550', unable to load hole. WIH to 9206' OE, spotted 24 bbls BJ Saf-MX3. PUH to 8550'. Loaded hole, circ 2 mins, lost returns. Spotted 24 bbls BJ Saf-MX 3 followed by 200 sx Cl H w/10#/sk gilsonite, 1/4#/sk flocele & 2% CaCl. WOC. Drld out cmt @ 8700', drld hard cmt to 9206' & started drlg new fm w/full returns. Fin 6-1/2" hole to 10,785' @ 1:30 PM 5/14/78. DST #2 10,710-10,785' Morrow (teleflow test). TO @ 7:32 AM 5/16/78 for 5 min preflow, closed tool @ 7:37 AM for ISIP. TO for FFP @ 9:08 AM, flwd 182 mins. Stabilized flow rate 13.200 MMCFD @ 2050#. Rec 3 BDM, 21 bbls dist. Closed tool @ 12:10 PM, left SI 4 hrs. BHT 166°F, IHP 5225, IFP 3224-3795, ISIP 4062, FFP 3662-3872, FSIP 4062, FHP 5225. Rel pkr @ 4:12 PM. POH w/test tools. Fin drlg 6-1/2" hole to 10,860' TD @ 6:00 AM 5/19/78. Ran CNL-FDC w/GR, DLL w/RXO w/calipers. RIH w/2386' 4-1/2" OD 11.6# N-80 csg-liner followed w/1894' 4-1/2" OD 11.6# K-55 csg liner. Set liner @ 10,860', liner hanger top @ 6562'. Cmt 4-1/2" OD liner w/1000 gal mud sweep, 10 BFW, 895 sx Cl H cmt (cont'd on attached page 2)

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

|                                |               |       |                         |
|--------------------------------|---------------|-------|-------------------------|
| DATE                           | 6/21/78       | TITLE | Dist Drlg Supt          |
| APPROVED BY                    | W.A. Gressett | TITLE | SUPERVISOR, DISTRICT II |
| CONDITIONS OF APPROVAL, IF ANY |               | DATE  | JUN 26 1978             |