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NEW MEXICO OIL CONSERVATION COMMISSION

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DEC 13 1978

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

<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>(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.)</p>		<p>5a. Indicate Type of Lease</p> <p>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>5. State Oil &amp; Gas Lease No.</p> <p>E-5313</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. Name of Operator</p> <p>Atlantic Richfield Company</p> <p>3. Address of Operator</p> <p>P.O. Box 1710, Hobbs, New Mexico 88240</p> <p>4. Location of Well</p> <p>UNIT LETTER M, 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.</p>	<p>7. Unit Agreement Name</p> <p>Empire Abo Pressure Maintenance Project</p> <p>8. Farm or Lease Name</p> <p>Empire Abo Unit "L"</p> <p>9. Well No.</p> <p>13</p> <p>10. Field and Pool, or Wildcat</p> <p>Empire Abo</p>	
<p>15. Elevation (Show whether DF, RT, GR, etc.)</p> <p>3719' GL</p>		<p>12. County</p> <p>Eddy</p>

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

<p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER Squeeze &amp; Complete Lower in Same Zone <input checked="" type="checkbox"/></p>	<p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
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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.

Propose to squeeze off present Abo perms and perf, treat lower in Abo Reef to reduce the producing gas/oil ratio in the following manner:

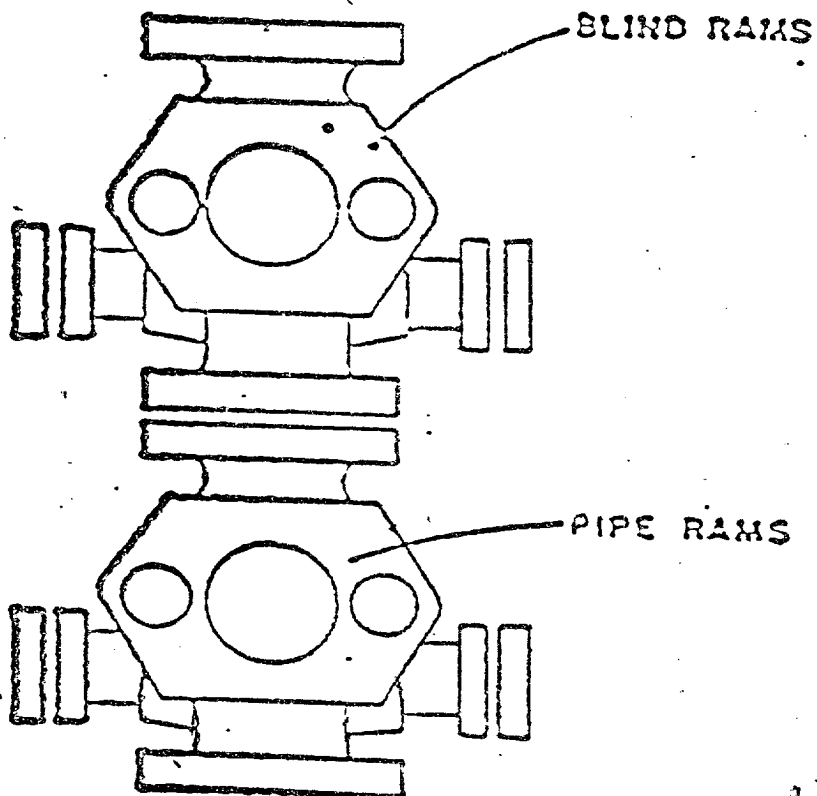
1. Rig up, kill well install BOP, POH w/Comp assy.
2. RIH w/cmt retr., set retr @ 5800'.
3. Squeeze Abo perms 5862-5918' w/400 Bbls water frac 40 & 10# J-84, if press above 400 psi then pump additional 200 bbls. water above, follow w/150 sx Cl C Cont'g 1.5% D-60 & 2% Ca Cl followed by 75 sx Cl C w/2% Ca Cl.
4. Drill out squeeze job & pressure test.
5. Perforate Abo 5958-5968' w/2 JSPF.
6. RIH w/Lok-set pkr, set @ 5940'.
7. Acidize w/150 gals 15% HCL-LSTNE w/FE Agent, 1000 gals gelled LC, 1500 gals 15% HCL-LSTNE acid w/FE Agent.
8. Swab test & return to production.

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

SIGNED [Signature] TITLE Dist. Dirg. Supt. DATE 12-12-78

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE DEC 14 1978

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Empire Abo Unit "L"

Well No. 13

Location 660' From the South Line & 660' From  
the West Line, Sec 2, T18S, R27E

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.