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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

APR 3 1978

**O. C. C.
ARTESIA, OFFICE**

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

045 day Comm. 1

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR NOTICES TO ABANDON OR TO REOPEN OR TO TAKE TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Atlantic Richfield Company ✓

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

4. Location of Well
UNIT LETTER **N** **1980** FEET FROM THE **West** LINE AND **660** FEET FROM
THE **South** LINE, SECTION **33** TOWNSHIP **17S** RANGE **28E** NMPL.

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
647

7. Unit Appraisal Name
Empire Abo Pressure Maintenance Project

8. Name of Lease Name
Empire Abo Unit "H"

9. Well No.
30

10. Field and Pool, or Valued
Empire Abo

12. County
Eddy

15. Elevation (Show whether DF, RT, GR, etc.)
3668' GR

16. 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 JOBS ☐	
OTHER ☐		OTHER Squeeze Present Perfs, Complete Lower in Reef ☒	

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.

RU 3/6/78, killed well, installed BOP & POH w/tbg. RIH w/cmt retr, set @ 5986'. Press tstd csg to 1000# 30 mins OK. Squeezed Abo perfs 6057-68' w/350 BFW gel cont'g 25# /gal Guar-gel, followed by 10 BFW, 100 sx LWL cmt w/2% CaCl & 50 sx Cl C cont'g 2% CaCl. Max 2500#. RO 40 sx. WOC. RIH w/bit, tagged TOC @ 5987'. Drld cmt 5987-top of retr. Drld retr @ 5986', cmt 5987-6083'. Press tstd squeeze job to 1500# 30 mins OK. Drld retr @ 6130', CO to PBD 6192'. Drld retr & cmt 6134-6240'. Press tstd casing to 1500# 30 mins OK. Perf'd Abo 6216-35' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" tbg, set pkr @ 6222'. Acidized Abo perfs 6216-35' w/500 gals 15% HCL acid, 3000 gals 60/40 DAD trtmt flushed w/18 BLC. In 9 hrs swbd 18 BLO, 9 BNO & 108 BLW. POH w/Lok-set pkr & tbg RIH w/KVL-30 pkr cavity on 2-3/8" tbg w/pkr btm @ 6167', cavity @ 6100'. Dropped pump. On 24 hr potential test 3/29/78 pmpd 16 BO, 138 BW & 31 MCFG. GOR 1938:1.

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. Supt DATE 3/31/78

APPROVED BY *[Signature]* TITLE SUPERVISOR, DISTRICT H DATE APR - 4 1978

CONDITIONS OF APPROVAL, IF ANY:

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MAR - 3 1978

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ARTESIA, OFFICE

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

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	647

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL OR RE-ENTER FOR SUCH 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 AH 1980 FEET FROM THE West LINE AND 660 FEET FROM

THE South LINE, SECTION 33 TOWNSHIP 17S RANGE 28E N.M.P.M.

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

3668' GR

7. Unit Agreement Name
Empire Abo Pressure
Maintenance Project

8. Form or Lease Name

Empire Abo Unit "H"

9. Well No.

30

10. Field and Pool, or Wildcat

Empire Abo

12. County

Eddy

6. 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 ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER Squeeze Cmt Present Perfs. Complete ☒

Lower in Reef

7. 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.

- TD 6355', PBD 6192'. Presently completed in Abo perfs 6057-68'. Propose to squeeze cmt present perfs & complete lower in reef to lower GOR in the following manner:
1. Rig up, kill well, install BOP. POH w/pkr & tbg.
 2. RIH w/cmt retr & set @ 6000'.
 3. Squeeze Abo perfs 6057-68' w/350 bbls fresh water gel cont'g 25#/gal Guar-gel, followed by 100 sx LWL cmt followed by 50 sx C1 C cmt cont'g 2% CaCl.
 4. Drill out cmt & cmt retr to 6240'. Pressure test.
 5. Perforate Abo lower @ 6216-6235' w/2 JSPF.
 6. Run pkr & tbg, set pkr @ 6192' w/tailpipe @ 6220'.
 7. Acidize perfs w/500 gals 15% HCL-NE followed by 3000 gals 60/40 15% HCL-NE/xylene.
 8. Swab test and return to production.

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

SIGNED [Signature]

TITLE Dist. Drlg. Supt.

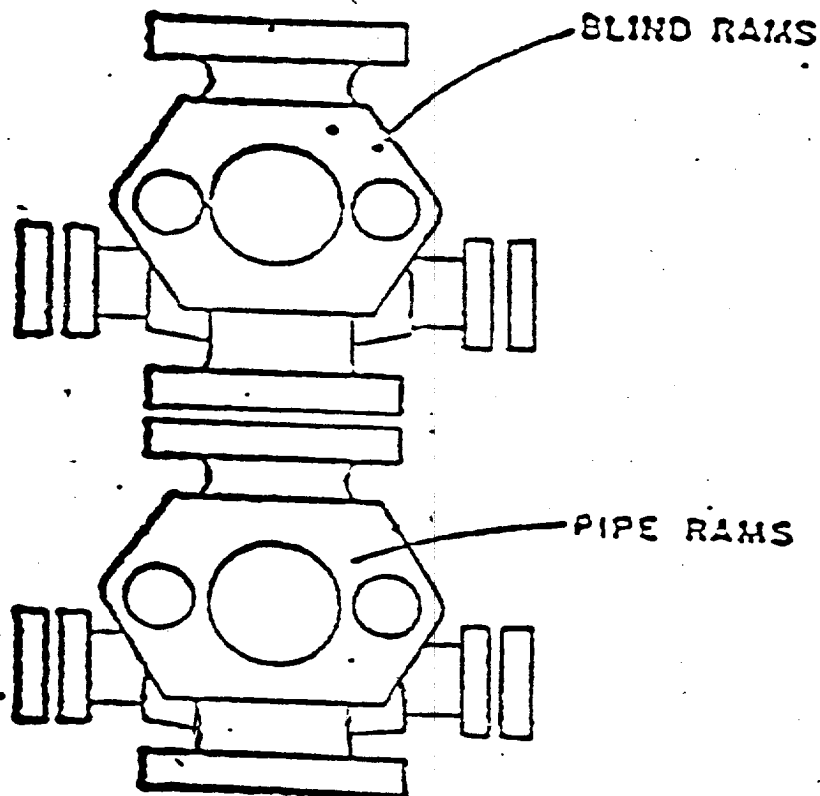
DATE 3/2/78

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT II

DATE MAR - 6 1978

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "H"

Well No. 30

Location 1980' FWL & 660' FSL
Sec 33 17S-28E, Eddy County

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.