

N.M.C.O.D. COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

5. LEASE
NM-10191

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
East Shugart Unit WF

8. FARM OR LEASE NAME
East Shugart Unit

9. WELL NO.
16

10. FIELD OR WILDCAT NAME
Shugart Yates 7R Qn Grbg

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
34-18S-31E Unit 1

12. COUNTY OR PARISH
Eddy

13. STATE
N M

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3613' CTF

1. oil well ☐ gas well ☐ other Water Injection Well

2. NAME OF OPERATOR ARCO Oil & Gas Company
Division of Atlantic Richfield Company ✓

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1650' FSL & 990' FWL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: As Above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐ ☐

FRACTURE TREAT ☐ ☐

SHOOT OR ACIDIZE ☐ ☐

REPAIR WELL ☐ ☐

PULL OR ALTER CASING ☐ ☐

MULTIPLE COMPLETE ☐ ☐

CHANGE ZONES ☐ ☐

ABANDON* ☐ ☐

(other) Repair Water Flow & Squeeze Yates perfs

NOV 10 1980

O. C. D.
ARTESIA, OFFICE

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

RECEIVED
OCT 31 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Rig up, install BOP & POH w/ tbg.
2. Clean out to 3892' TD.
3. Set RBP @ approx 2850', spot sd on top.
4. RIH w/ cmt retr, set @ approx 2600'.
5. Squeeze cmt Yates perfs 2634-2777' w/ Cl C cmt w/2% CaCl₂ & volume to be determined by pump inj rate.
6. Run CBL. Perf 5½" csg above TOC. Establish inj rate w/dye marker.
7. If unable to break circ thru perfs @ TOC, squeeze cmt perfs @ TOC w/ Cl C cmt w/2% CaCl₂, amt to be determined.
8. Perforate 5½" @ approx 880', below 8-5/8" OD csg shoe @ 862', establish circ thru perfs w/ dye marker.
9. Set cmt retr above perfs @ 880'. Cmt perfs w/Cl C cmt contg 2% CaCl₂ thru csg annulus to surf, close BH valve & pump cmt into formation below 8-5/8" csg shoe

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED George W. Schmidt TITLE Dist. Drlg. Supt. DATE 10/28/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED

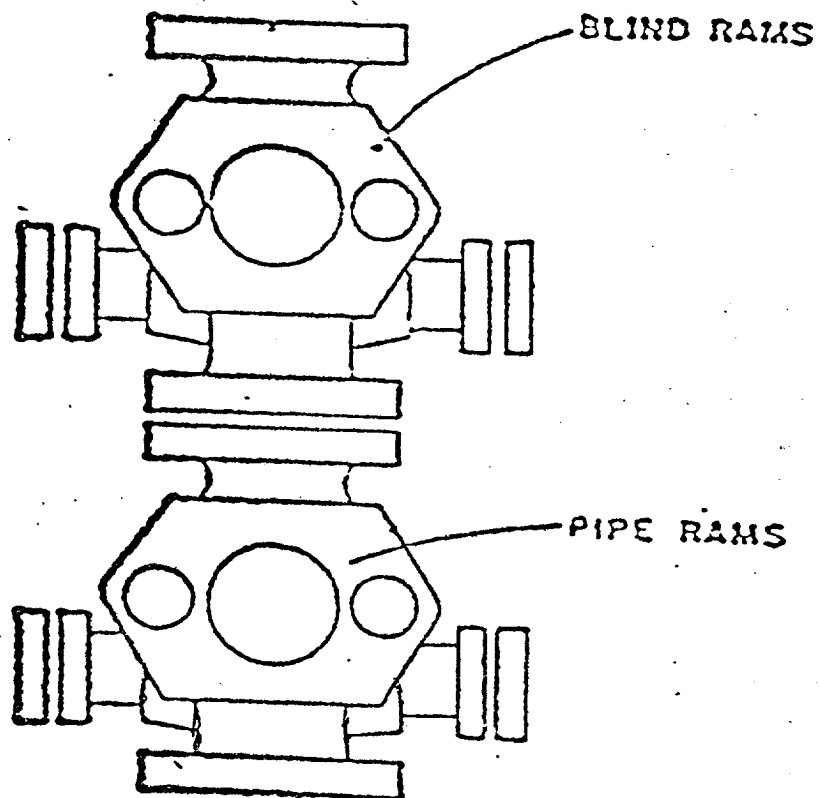
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DISTRICT SUPERVISOR

Form 9-331
East Shugart Unit #16
34-18S-31
Eddy, N M

@ 862'.

10. Drill out retr(s) & cmt, press test squeeze jobs.
11. Wash sd off RBP, POH w/ RBP.
12. Acidize Queen OH 2902-3892' in 3 stages w/5,000 gals 15% HCL using BAF & rock salt as diverting agent.
13. RIH w/ pkr, set pkr @ 2850', return to single water injection well in Queen OH 2902-3892'.



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name East Shugart Unit

Well No. 16

Location 1650' FSL & 990' FWL
Sec 34-18S-31E, Eddy County, N M

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.