

NM 2-800 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.)

1. oil ☐ well gas ☐ well other WIW

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.)
AT SURFACE: 1650' FSL & 330' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☒
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other)

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
NM-10190

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
East Shugart Unit Waterflood

8. FARM OR LEASE NAME
East Shugart Unit

9. WELL NO.
19

10. FIELD OR WILDCAT NAME

Shugart-Queen/Yates S. C. S.

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

12. COUNTY OR PARISH Eddy 13. STATE N M

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3646' DF

RECEIVED

(NOTE: See instructions for completion or zone change on Form 9-330.)

SEP 30 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, 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.)*

Propose to repair casing leak in the following manner:

1. Rig up, install BOP, POH w/ injection assy.
2. Clean out OH to 3870' TD.
3. Set RBP @ approx 2950' spot sd on top.
4. Set cmt retr above Yates perms @ 2650'. Cmt squeeze Yates perms 2706-2842' w/ Cl "C" cmt cont'g 2% CaCl₂ w/ amt to be determined by pump-in rate. Run CBL.
5. Perforate 4½" csg above TOC as indicated by CBL.
6. Set cmt retr above squeeze holes. Squeeze cmt thru holes w/CL "C" cmt cont'g 2% CaCl₂, attempt to circ cmt to surf.
7. If not successful circ cmt to surf, perforate 4½" csg @ 1000'. Set cmt retr approx 50' above squeeze holes. Cmt squeeze w/ Cl "C" cmt cont'g 2% CaCl₂, circ to surf, close BH & squeeze cmt into formation. WOC.

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

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

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 9/24/80

(This space for Federal or State office use)

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

RECEIVED

OCT 8 1980

O. C. D.

ARTESIA OFFICE

*See Instructions on Reverse Side

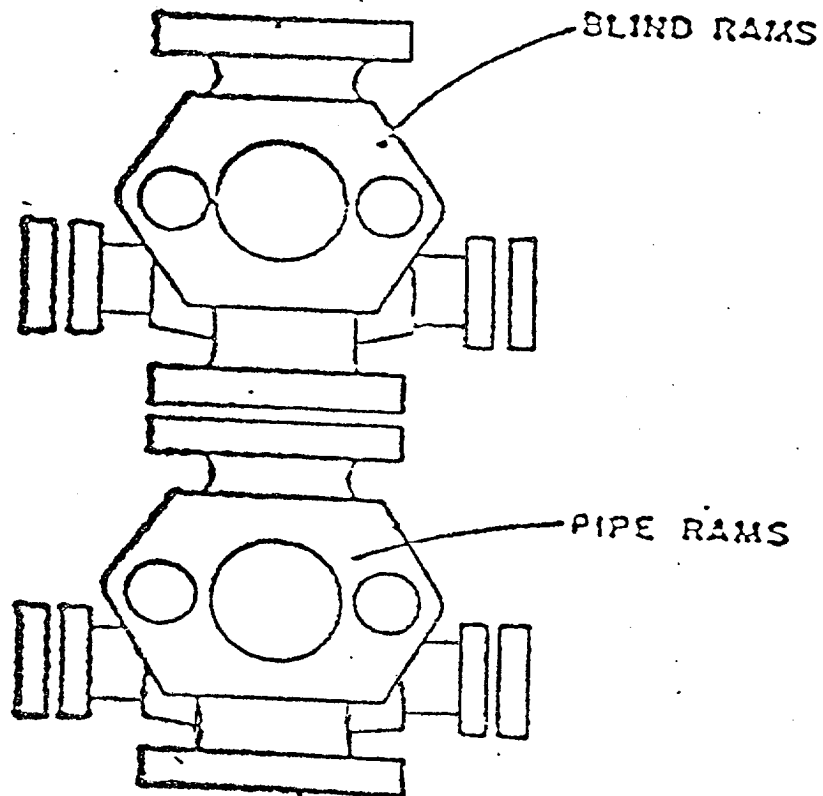
APPROVED

OCT 3 1980

For DISTRICT SUPERVISOR

Form 9-331
East Shugart Unit #19
ARCO Oil & Gas Company
P. O. Box 1710, Hobbs, New Mexico
Page #2

8. Drill out retri & cmt @ 950'. Press test squeeze job to 1500# for 30 mins.
9. Drill out retri & cmt @ 2650', press test squeeze job & Yates squeeze job to 1500# for 30 mins.
10. Wash sand off BP, rec BP.
11. RIH w/ single injection assy, set pkr @ approx 2950'. Fill annulus w/corrosion inhibited water. Return to single inj well in Queen perms 3324-3336' & 3390-3445', OH 3477-3870'.



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name East Shugart Unit

Well No. 19

Location 1650' FSL & 330' FEL
Sec 34-18S-31E, Eddy Co, New Mex

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.