

5 - USGS

1 - Flag Redfern

1 - File

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED 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 ☐ other2. NAME OF OPERATOR
Flag-Redfern Oil Company3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 874014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1710' FSL - 790' FWL
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 013365

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

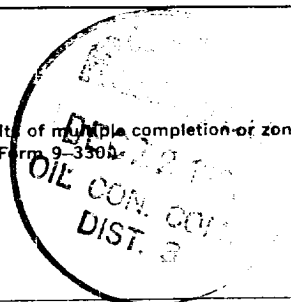
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Aloha9. WELL NO.
#110. FIELD OR WILDCAT NAME
Fulcher-Kutz, Pictured C.
Pinon Fruitland11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 16 T28N R11W12. COUNTY OR PARISH
San Juan13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5641' G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-350a)



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.)*

See attached sheet for acidizing, 11-28; frac, 12-1; and 1½" tbg, 12-3-80.

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

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

SIGNED Thomas A. Dugan TITLE Agent DATE 12-4-80

(This space for Federal or State office use)

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

BW

427000

FLAG-REDFERN OIL CO.

Aloha #1

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11-28-80 Rig up FWS to run tubing. Ran Baker model D packer on 43 jts of 1½", 10R, EUE, new tubing. T.E. 1366.92 set @ 1365' GL. Set packer in tension. Well making gas on annulus. Shut in annulus. Annulus built up to 400 psi in 10 min. Tubing making slight amount of gas.

Rigged up Cementers Inc. acid truck and 3 Rivers water hauling. Pumped 150 gals 15% HCL w/ inhibitor down casing and displaced w/ 3.8 bbls of water. Breakdown pressure 1550 psi. 950 psi pressure while pumping @ ¾ BPM. ISDP 450 psi. 0 psi in 7 mins. after shut-in. No indication of communication on annulus noted. Pumped 150 gal of 15% HCL w/ inhibitor down annulus and displaced w/ 4.1 bbls of water. Breakdown pressure 1100 psi, 750 psi pressure while pumping @ 1 BPM ISDP 550. 200 psi in 5 mins after shut in. No indication of communications w/ tubing noted. Well flowing while pulling packer. Well left open for 4 hrs. Shut in.

12-1-80 Rigged up the Western Co. and foam fraced the P.C. & Fruitland formations (1597-1603 & 1311-1326) w/ 70% quality foam. Pressure tested lines to 4800 psi. Placed 4000 gal pad of 70% quality foam ahead of 5000 gals of 70% quality foam w/ 1 ppg of 10-20 sand, followed by 7500 gals of 70% quality foam w/ 2 ppg of 10-20 sand. Placed 2000 gal of 70% quality foam pad and dropped 10 balls (7/8" diam, 1.3 sg) followed by 7500 gals of 70% quality foam w/ 2 ppg of 10-20 sand. Displaced w/ 340 gals of 70% quality foam. ISDP 1000 psi; 15 min shut-in 900 psi. Maximum pressure 1700 psi, minimum pressure 1400. Average pressure 1650 psi. No ball action noted. IR 15 BPM. Materials used. 194,040 SCF N₂, 35,000# 10-20 sand, 175 bbls of water, 41 gals adafoam, 182 HHP, 10 balls (7/8" diam., 1.3 sg). Well opened to atmosphere thru 5/8" choke 2 hrs after treating.

12-3-80 Rigged up FWS pulling unit. Rigged up wellhead. Ran and landed the following tubing string; 1 swab stop (.40"); 7 jts 1½", 10R, EUE, 2.4#/ft, J-55, new tubing (228.50'); 1 Baker model "C" packer set in tension (1.68"); 42 jts 1½", 10R, EUE, 2.4#/ft., J-55, new tubing (1364.59'). TE 1595.17' set at 1594' GL, packer set in tension at 1364' GL. No sand tagged. Annulus making gas, tubing making gas and misting soapy water. Well shut in.