

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 ☐ gas ☐ other2. NAME OF OPERATOR  
Flag-Redfern Oil Company3. ADDRESS OF OPERATOR  
P O Box 208, Farmington, NM 87401

4. 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:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) _____	

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 sheets, 11-25-80 thru 12-1-80 for completion.



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 12-2-80

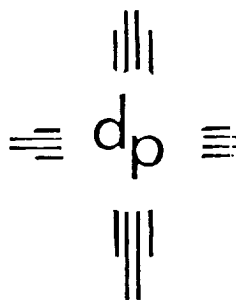
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

BW

MOCC

\*See Instructions on Reverse Side



# dugan production corp.

FLAG-REDFERN OIL CO.  
Aloha #1  
1710' FSL - 790' FWL  
Sec 16 T28N R11W  
San Juan County, NM

## MORNING REPORT

- 11-7-80 MIRU Morrow Drlg. Co. Rig. Spudded 8-3/4" hole @ 10:30 a.m., 11-6-80. Drilled to 127'. Ran 3 jts 7" O.D., 23#, 8 Rd., ST&C "B" cond. csg. T.E. 123.76' set @ 125' G.L. cemented w/ 60 sx class "B". P.O.B. @ 2:00 p.m., 11-6-80. Good cement to surface. W.O.C.
- 11-8-80 Drlg. 5" hole @ 780'.
- 11-9-80 Drlg. 5" hole @ 1180'. Well kicked @ 960'). Mixed gel & starch - well is now completely under control. No mud properties available.
- 11-10-80 T.D. 1690'. Laying down drill pipe, prep to run 2-7/8" csg.
- 11-11-80 Laid down drill pipe. Ran 60 jts. 2-7/8" O.D. 6.4# CW55-10RD NEUE tbg for csg. T.E. 1692.51' set @ 1692' G.L. Had good circulation throughout job. Cemented w/ 75 sx extended slurry followed by 75 sx class "B" neat. Bumped plug w/ 1200 psi. Held OK. Shut in w/ 750 psi. Circulated trace of cement. P.O.B. 11:10 a.m. 11-10-80.
- 11-25-80 Rigged up Southwest Surveys. Ran GR/Neutron/CLL from PBTD 1657' to 850'. Rigged up FWS swabbing unit. Swabbed well down to 1100'. Perf zone 1597'-1603', 6', 1 SPF, .43" diam. hole, 6 holes w/ 2-1/8" bi-wire glass jet gun. Perf 1311'-1326', 15', 1 SPF, .43" diam hole, 15 holes w/ 2-1/8" bi-wire glass jet gun. Well unloading while pulling gun out of the hole.

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 1 1/4", 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 @ 3/4 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 prssure 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 SCFN<sub>2</sub>, 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.