5-USGS 1-Flag Redfern 1 File

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: NM 010063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Flag-Redfern Oil Company

8. FARM OR LEASE NAME: Gentle

3. ADDRESS OF OPERATOR: Box 234, Farmington, New Mexico 87401

9. WELL NO.: #4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 790' fnl, 1850' fel

10. FIELD AND POOL, OR WILDCAT: Pinon Fruitland

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 9, T28N, R11W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5486' G.L.

12. COUNTY OR PARISH: San Juan

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	X	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.) *

5-22-72 Spudded 12¼" hole 7:30 P.M. 5-21-72 and drilled to 90'. Ran 3 jts 8 5/8" O.D., 24#, 8Rd ST&C casing, T.E. 75.12'set @ 87.00' R.K.B. Cemented w/50 sx Class "A" plus 2% CaCl. Good cement to surface P.O.B. 4:30 A.M., 5-22-72. W.O.C.

5-25-72 T.D. 1360' Ran 44 jts 4½" O.D. 9.5# and 11.6#, J-55, 8R ST&C Cond. "B" csg. Set at 1360'. Cement w/200 sx Halliburton lite (386 cubic ft), followed plug with 100 gal Acidic Acid P.O.B. 11:50 A.M. 5-24-72. Max cementing press. 600 psi, bump plug with 1000 psi - had good cement return to surface - approx. 4 Bbls. Released rig noon 5-24-72.

RECEIVED
MAY 26 1972
OIL CON. COM.
DIST. 3

RECEIVED
MAY 25 1972
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

SIGNED Original signed by T. A. Dugan Thomas A. Dugan TITLE Engineer DATE 5-24-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Flag-Redfern Oil Co.

3. ADDRESS OF OPERATOR: Box 234, Farmington, N. M. 87401

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 790' fnl, 1850' fel
At top prod. interval reported below
At total depth

RECEIVED JUL 24 1972 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.: SF 078063
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Gentle
9. WELL NO.: 4
10. FIELD AND POOL, OR WILDCAT: Pinon Fruitland
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 9, T28N, R11W
12. COUNTY OR PARISH: San Juan
13. STATE: New Mex.

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED: 5-21-72
16. DATE T.D. REACHED: 5-25-72
17. DATE COMPL. (*Ready to prod.*): 7-3-72
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5486 GR
19. ELEV. CASINGHEAD:
20. TOTAL DEPTH, MD & TVD: 1360
21. PLUG, BACK T.D., MD & TVD: 1320
22. IF MULTIPLE COMPL., HOW MANY*: Single
23. INTERVALS DRILLED BY: ROTARY TOOLS: 0 to 1360 CABLE TOOLS:
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Fruitland 1290-1295
25. WAS DIRECTIONAL SURVEY MADE: Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN: Dresser Atlas IES
27. WAS WELL CORED: No

RECEIVED JUL 25 1972 OIL CON. COM. DIST. 3

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	87	12 1/2	50	-
4 1/2	9.5 & 11.6	1360	7 7/8	386 cu. ft.	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	None			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/4	1296	

31. PERFORATION RECORD (*Interval, size and number*)
1290 - 1295 2/ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1290-95	25,000# 10-20 37,570 gal. water Ave. pressure - 2400 psi Ave. I. R. 20 B/M

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-10-72	3	5/8		--	205	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
12	456			212 AOF	--	--

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Shut in
TEST WITNESSED BY: Thomas A. Dugan

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Original signed by T. A. Dugan TITLE Engineer DATE 7-19-72

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
GPO 837-497

5 USGS 1 Flag-Redfern 1 File

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Gentle

9. WELL NO.: 4

10. FIELD AND POOL, OR WILDCAT: Pinon Fruitland

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 9, T28N, R11W

12. COUNTY OR PARISH: San Juan

13. STATE: New Mex.

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Flag-Redfern Oil Co.

3. ADDRESS OF OPERATOR: Box 234, Farmington, N. M. 87401

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 790' fnl, 1850' fel
At top prod. interval reported below
At total depth

RECEIVED JUL 24 1972 U.S. GEOLOGICAL SURVEY FARMINGTON, N. M.

14. PERMIT NO.: | DATE ISSUED:

15. DATE SPUDDED: 5-21-72 | 16. DATE T.D. REACHED: 5-25-72 | 17. DATE COMPL. (*Ready to prod.*): 7-3-72 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5486 GR | 19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: 1360 | 21. PLUG, BACK T.D., MD & TVD: 1320 | 22. IF MULTIPLE COMPL., HOW MANY*: Single | 23. INTERVALS DRILLED BY: → | ROTARY TOOLS: 0 to 1360 | CABLE TOOLS:

RELEASED JUL 25 1972 OIL CON. COM. DIST. 3

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Fruitland 1290-1295

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dresser Atlas IES

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
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SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
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SIZE	DEPTH SET (MD)	PACKER SET (MD)
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1290 - 1295 2/ft.

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DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
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7-10-72	3	5/8		--	205	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
12	455			212 AOF	--	--

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Shut in

TEST WITNESSED BY: Thomas A. Dugan

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Original signed by T. A. Dugan TITLE Engineer DATE 7-19-72

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37. SUMMARY OF POROUS ZONES. SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
GPO 837-497

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Log Tops		
Ojo Alamo	272	
Upper Kirtland	452	
Farmington	700	
Lower Kirtland	952	
Fruitland	1238	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
GPO 837-497