

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 ☐

2. NAME OF OPERATOR
Caulkins Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 780 Farmington, New Mexico

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 965' From South & 1125' From East

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

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) ☐

RECEIVED
JUN 13 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

5. LEASE

NM 03733

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech

9. WELL NO.

310

10. FIELD OR WILDCAT NAME

South Blanco Pictured Cliffs

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

Section 13 26 North 7 West

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO

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

6155 DF

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.)*

Well History:

Spud 6:00 AM 10-16-58.

8 5/8" 24# J-55 casing cemented 127' with 100 sacks.

Cement circulated. Plug down 2:00 PM 10-16-58.

Drilled 7 7/8" hole to TD 2475'. Cemented 5 1/2" 14# J-55 casing at 2460' with 200 sacks. Plug down 10-21-58. No temperature survey run. Calculated top 1395'.

Completed ready to produce thru perforations 2356' to 2390' 10-21-58.

(Continued on attached sheet)

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED Charles E. Dugan TITLE Superintendent

DATE 6-1-83

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUN 13 1983
JAMES F. SMITH
DISTRICT ENGINEER

*See Instructions on Reverse Side

NMOCC

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JUN 13 1983
OIL CON. DIV.
DIST. 3

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

11-6-58 Initial potential run. Rate of flow 1,541 MCFPD.
Casing failure detected March, 1965.

6-10-65 Set Bridge Plug in 5 1/2" casing at 2287'.
Ran Packers and found casing bad from 1160' to 1410'.
Ran cement retainer to 1103' and squeezed with 200 sacks.
Drilled out cement to 1360'. No cement below 1360'.

6-11-65 Ran cement retainer to 1073'. Squeezed with
100 sacks Class C Cement containing 2% CaCl and 6% Halad 9.
Finial Pressure 1100#.

6-14-65 Drilled out retainer and cement to 1360'.
Casing held 600# for 30 minutes.

6-15-83 Drilled out Bridge Plug at 2287' and cleaned
out to 2390'.

6-17-65 Ran 1 1/4" tubing to 2376'. Started unloading
well daily with gas.

6-18-65 thru 7-13-65 Unloaded well daily with gas.
Formation still loaded with water. 7-13-65 thru 10-20-65
Unloaded well and flowed intermittently to clean up.

10-25-65 Turned on to sales line.

12-27-80 Pulled 1 1/4" tubing. Ran 2 3/8" tubing with
Packer set at 2200' to shut off leak in casing.

3-29-80 Ran 1" tubing to 2250'.

3-30-80 to 12-15-81 Attempted to flow well each month
to unload water. Formation logged off with water.

Annual production from 1958 thru 1982 tabulated below:

Year	Production (bbl)	Annual Gas Production (Mcf)
1958	6,323	
1959	76,046	
1960	51,822	
1961	44,991	
1962	38,115	
1963	30,451	
1964	26,418	
1965	1,878	
1966	7,754	
1967	22,398	
1968	27,341	
1969	27,999	
1970	23,237	
1971	24,221	
1972	26,485	
1973	22,592	
1974	20,071	
1975	20,736	
1976	21,928	

Continued

		Annual Gas Production
1977	24,343	
1978	17,754	"
1979	18,576	"
1980	2,437	"
1981	167	"
1982	3,897	"

It is now proposed to Plug and Abandon Pictured Cliffs formation in this well and replace it in Well No. 307-M, to be drilled 1120' from South and 1520' from East of Section 13, 26 North, 6 West.

Formation Tops:

Ojo Alamo	1608'
Pictured Cliffs	2350'

We propose to pull tubing with Packer then run Bond Log from 2400' to surface to determine cement top and also cement top and bottoms of squeeze job done in 1965.

Cement Plugs will then be set over perforations 2356' to 2390' and up the hole to 2250'.

If cement covered Ojo Alamo 1608' to 1830' a 100' Plug will be set inside casing 1550' to 1650'. If it is not covered 5 1/2" casing will be perforated and then squeezed at the top of the Alamo.

A Cement Plug will be spotted 50' below previous leak area 1360' to 1100' (60' above top of bad casing.)

5 1/2" casing will be perforated at 127' and a 25 sack squeeze job done to tie in surface casing and production casing.

A Cement Plug will be spotted from 127' to surface.

A Monument will be permanently welded to top of 5 1/2" casing and engraved with required information.

Proposed starting date of plugging operations, August 1, 1983.