

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

5. Lease

NMNM-03381

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

1. Oil Well ☐ Gas Well ☐ Other ☐
GAS WELL

8. Well Name and No.

BREECH "B" 781

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-25839

3. Address of Operator:

(505) 632-1544

P.O. Box 340, Bloomfield, NM 87413

10. Field and Pool, Exploratory Area

BASIN DAKOTA, MESA VERDE

4. Location of Well (Footage, Sec., Twp., Rge.)

1800' F/S 1150' F/W

SEC. 14-26N-7W

11. Country or Parish, State

Rio Arriba Co., New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Recompletion

☐ New Construction

☐ Subsequent Report

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut-Off

☐ Final Abandonment Notice

☒ Altering Casing

☐ Conversion to Injection

☐ Other

☐ Dispose Water

17. Describe Proposed or Completed Operations:

4/24/98

Amend Application to Drill.

We now intend to drill 8 3/4" hole with 7" 26# and 23# K-55 casing run surface to TD.

Amended ten point compliance program attached.

NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED: Robert L. Verquer
ROBERT L. VERQUER

TITLE: Superintendent DATE: April 27, 1998

APPROVED BY: 13/ Duane W. Spencer

TITLE: _____ DATE: MAY 01 1998

CONDITIONS OF APPROVAL, IF ANY

NMOC

EXHIBIT "B"

TEN POINT COMPLIANCE PROGRAM

Caulkins Oil Company
Breach "B" 781
1800' FSL & 1150' FWL, Sec. 14, 26N, 7W
Rio Arriba County, New Mexico
Lease No. NM - 03381

1. The Geological Surface Formation is : San Jose.
2. The Estimated Tops of Important Geological Markers:

Ojo Alamo	1542
Fruitland	2061
Picture Cliffs	2282
Chacra	3173
Point Lookout	4568
Greenhorn	6504
Dakota	6654
TD	6830

3. Estimated Depths and pressures of Anticipated Water, Oil, Gas or Minerals:

Substance	Formation	Depth	Pressure
Water	Alamo	1632	0
Gas	Fruitland	2276	200
Gas	Pictured Cliffs	2350	450
Gas	Chara	3273	500
Gas	Mesa Verde	4808	1000
Gas	Dakota	6800	1500

4. The proposed casing program will be as follows:

Depth	Hole Size	O.D.	Weight	Grade	Type	New/Used
0-350	12-1/4	9-5/8	36#	J55	LT&C	NEW
0-1000	8-3/4	7	26#	K55	LT&C	NEW
1000-5830	8-3/4	7	23#	K55	LT&C	NEW
5830-6830	8-3/4	7	26#	K55	LT&C	NEW

The proposed cement program will be as follows:

Surface: 154 sacks class H with 1% CaCl
and 1/4# per sack cellophane flake.

VOLUME CALCULATIONS

YIELD 1.14 350 ft x 0.3132 cu-ft/ft with 60% excess = 175 cu-ft

PRODUCTION:

Cement will be run in three stages with stage tools set at approximately 2830' and 4830'.

1st stage Cement through shoe at approx. 6830' with 180 sacks class B 35/65 poz + 6% gel (bentonite) + 1/4# /sk cellophane flake followed by 87 sacks class H + 1% CaCl + 1/4# /sk cellophane flake.

VOLUME CALCULATIONS

YIELD 1.79 1341 ft x 0.1503 cu-ft/ft with 60% excess = 322 cu-ft
YIELD 1.14 659 ft x 0.1503 cu-ft/ft with 0% excess = 99 cu-ft

2nd stage Cement through tool at approx. 4830' with 180 sacks class B 35/65 poz + 6% gel (bentonite) + 1/4# /sk cellophane flake followed by 87 sacks class H + 1% CaCl + 1/4# /sk cellophane flake.

VOLUME CALCULATIONS

YIELD 1.79 1341 ft x 0.1503 cu-ft/ft with 60% excess = 322 cu-ft
YIELD 1.14 659 ft x 0.1503 cu-ft/ft with 0% excess = 99 cu-ft

EXHIBIT "B"

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3rd stage Cement through tool at approx. 2830' with 291 sacks class B 35/65 poz + 6% gel (bentonite) + 1/4# /sk cellophane flake followed by 87 sacks class H + 1% CaCl + 1/4# /sk cellophane flake.

VOLUME CALCULATIONS

YIELD 1.79 2171 ft x 0.1503 cu-ft/ft with 60% excess = 522 cu-ft
YIELD 1.14 659 ft x 0.1503 cu-ft/ft with 0% excess = 99 cu-ft

NOTE: Cement volume will be based on information from open hole logs and will be calculated TD to surface plus 10%.

5. Operator's Minimum Specifications for Pressure Control:

EXHIBIT "C" is a schematic of a 2M blowout preventer system. The BOP's will be hydraulically tested prior to drilling out from under surface and operational checks will be made daily thereafter and recorded in the drilling tour report. Accessories to BOP will include floor safety valve and choke manifold with pressure rating equivalent to the BOP stack.

6. The type and Characteristics of the Proposed Circulating Mud's:

Mud system will be gel-chemical with adequate stocks of absorbent agents on location to handle possible spills of fuel and oil in the surface. Heavier mud's will be on location to be added if pressure requires.

Interval	Mud Wt	Vis	Fluid Loss	Ph	Additives
0-350	9.0	50	—	9	Lime
350-TD	9.0	34-40	8cc	9	Chemicals

7. Auxiliary equipment to be used is as follows:

- Float valve above bit.
- Monitoring of mud system will be visual.
- A sub with a full opening valve will be on the floor when the kelly is not in use.

8. Testing, logging and coring will be as follows:

- Cores - none will be taken.
- Drill stem tests - none anticipated.
- Logging - IEG and FDC from surface pipe to TD.

9. Anticipated Abnormal Pressures and Temperatures:

No abnormal pressure, temperatures or hydrogen sulfide gases are anticipated during the course of drilling to TD. The maximum bottom hole pressure to be expected is 1500 psi.

10. Anticipated Starting Date and Duration of the Operations:

The anticipated starting date is set for May 1, 1998, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 25 days.