

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. <b>30-039-<del>22952</del> 06512</b>	
5. Indicate Type of Lease <b>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></b>	
6. State Oil & Gas Lease No. <b>E29125</b>	
7. Lease Name or Unit Agreement Name <b>STATE "B" COM</b>	
8. Well No. <b>233</b>	
Pool Name or Wildcat <b>BASIN DAKOTA, PICTURED CLIFFS</b>	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well  
**Oil Well ☐ Gas Well ☒ Other ☐**

2. Name of Operator  
**Caulkins Oil Company**

3. Address of Operator  
**P.O. Box 340, Bloomfield, NM 87413**

4. Well Location  
**Unit Letter ~~N~~ D : 16 Section 26N Township 6W Range NMPM Rio Arriba County**

10. Elevation (Show Whether DF, RKB, RT, GR, etc.)  
**1145/N 980/W 6669 GR**

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input checked="" type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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12. Describe Proposed or Completed Operations

- 1-30-01 Rigged up.  
Shut down over night.
- 1-31-01 Nipped up BOP.  
T.O.H. with 1 1/4" Pictured Cliffs production tubing.  
Released packer. T.O.H. with Dakota tubing and packer.  
Received phone call from rig #36 at 4:00 pm.  
Dropped packer and 3800' of tail string when packer hit stripping head.
- 2-1-01 thru  
2-15-01 Attempted to fish tubing and packer.  
Recovered 103 joints of tubing and packer.
- 2-16-01 Verbal approval obtained from NMOCD to plug and abandon well.



(continued on page 2)

**NOTE:** This format is in lieu of State Form C-103.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert L. Verquer TITLE Superintendent DATE March 2, 2001  
**ROBERT L. VERQUER** Ph. (505) 632-1544

(This space for ORIGINAL SIGNED BY CHARLIE T. PERPIN DEPUTY OIL & GAS INSPECTOR, DIST. 3)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**MAR - 5 2001**

2-19-01 Ran 4 1/2" cement retainer to 6826'.

Pumped 17 1/2 bbls slurry, 10 1/2 bbls below retainer at 6826' to fill 4 1/2" 11.6# casing 6826' to bottom perforation at 7486'.

Pressure increased from 700# to 1000# on surface, last 1/2 bbl below retainer.

Pulled stinger out of retainer and spotted 7 bbls slurry above retainer to cover Gallup formation plus 100'.

Gallup top 6593'. Calculated cement top 6386'.

Pulled tubing with setting tool.

Cemoton survey run 8-22-60 shows cement top behind 4 1/2" casing at 5732' with stringers to 5638'.

2-20-01 Rigged up Bluejet to run perforating gun.

Gun stopped 3350'.

Ran tubing with bit.

Obstruction at 3350'. Suspect leak in tubing.

Dropped standing valve and tested tubing. No leak found.

Ran tubing back in hole with blade type bit to drill cement.

Found obstruction would move down hole while rotating.

Rotated down from 3350' to 3903'.

2-21-01 Rotated obstruction down hole to approximately 4350', where it fell free.

Ran bit to 6000'. T.O.H. with bit.

Hole now stands full with water.

Ran Bluejet bond log to determine cement top behind 7" casing.

Cement top 100% at 1670'.

Stringers 70% bond at 1600'.

Ran perforating gun to perforate squeeze holes.

Found obstruction at 4160'. Ran 2" tubing with bit.

Obstruction moved down hole and fell free after applying 2 to 3 point weight.

Chased obstruction to 5800'. Come out of hole with bit.

Ran perforating gun, perforated casing with 2 holes each at the following depths: 5650', 4862', 4140', 3600', 1600', and 600'.

Ran 4 1/2" cement retainer to 5267'.

2-22-01 Pumped 50 sacks (69.5 cu. ft.) under retainer through perforation at 5650' at 1400# pressure.

This plug fills inside 4 1/2" casing 100' below bottom of Point Lookout (Mesa Verde zone) at 5550'.

Spotted 10 sacks (13.9 cu. ft.) cement above retainer at 5267'.

Pulled tubing with setting tool.

Ran 4 1/2" cement retainer and set at 4595'.

Pumped 50 sacks (69.5 cu. ft.) cement plug through cement retainer and into perforation at 4865'.

Had good circulation at surface during this operation.

This plug covers inside and outside of 4 1/2" casing, 4865' to 4600'. Mesa Verde outside top 4740'.

Spotted 10 sacks (13.9 cu. ft.) above retainer at 4595'.

Pulled tubing with setting tool.

Ran 4 1/2" cement retainer to 3903'.

Pumped 50 sacks (69.5 cu. ft.) plug through cement retainer and into perforation at 4140'.

Had good circulation at surface during this operation.

This plug covers inside and outside of 4 1/2" casing, 4140' to 3890'. Chacra zone 4020' to 4035'.

Spotted 10 sacks (13.9 cu. ft.) plug above retainer at 3903'.

NOTE: Cemoton survey run 8-22-60 shows no cement behind pipe from 3500' to 5732' with cement from 3500' to 3150'.  
A cement job was done in 1960 to cover Pictured Cliffs and tie in 4 1/2" liner to 7" casing set at 3038'. 50 sacks was used on this job. Pressure tested to 1500#. 4 1/2" liner top at 2957'. Pictured Cliffs perforations, 3038' to 3053'.

Spotted cement plug inside 4 1/2" liner and 7" casing, 3189' to 2800', 40 sacks (55.6 cu. ft.) to cover 150'+ below Pictured Cliffs zone and 150'+ above Fruitland zone.

Spotted cement plug inside 7" casing 2669' to 2250', bottom Alamo 2520', top Alamo 2300'.

Spotted cement plug inside 7" casing 1856' to 1650' to cover top of cement outside 7" casing.

Pulled 4 1/2" setting tool.

Ran 7" cement retainer to 1450', would not set. T.O.H.

2-23-01 Ran 7" cement retainer, set at 1450'.

Cemented through perforations at 1600' with 66 sacks (91 cu. ft.).

Displaced cement to clear retainer. Had good circulation to bradenhead throughout this operation.

Calculated top outside 7" casing 1350'. Laid down tubing.

Cut off bradenhead. Welded 7" x 2" swedge to 7" casing.

Pumped cement plug surface to perforation at 600' and back to surface through 10 3/4" surface casing.

Had good circulation throughout operation, good cement to surface. 10 bbls.

Installed 5 1/2" permanent marker.

Rigged down and released.

Surface equipment will be removed and notice of final clean up shall follow.