

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK *30-039-25250*

1a. Type of Work DRILL		5. Lease Number NM-03551	
1b. Type of Well GAS		6. If Indian, Name of Allottee or Tribe	
2. Operator CAULKINS OIL COMPANY <i>3824</i>		7. Unit Agreement Name	
3. Address & Phone No. of Operator c/o ROBERT VERQUER P. O. Box 340, Bloomfield, NM 87413 (505) 632-1544		8. Farm or Lease Name BREECH "E" <i>2459</i>	
4. Location of Well 790' FSL & 1850' FWL		9. Well Number 602	
10. Filed, Pool, or Wildcat <i>71629</i> Basin Fruitland Coal Gas Pool		11. Section, Township, & Range, Meridian, or Block <i>N</i> 5-26N-6W	
14. Distance in Miles from Nearest Town 30 miles southeast of Blanco, NM Post Office.		12. County Rio Arriba	13. State New Mexico
15. Distance from Proposed Location To Nearest Property Line or Lease Line 790'	16. Acres in Lease <i>2241.44</i> 2240 Acres	17. Acres Assigned to Well S - 320 Acres	
18. Distance From Proposed Location To Nearest Well Drill, Compl., Or Applied For on Lease 130'	19. Proposed Depth 3000'	20. Rotary or Cable Tools ROTARY	
21. Elevations (DR, RT, GR, Etc.) 6546' GR.		22. Approximate Date Work Will Start As soon as Possible	
23. Proposed Casing and Cementing Program			

EXHIBITS attached as follows

- *A* Location and Elevation Plat
- *B* Ten-Point Compliance Program
- *C* Blowout Preventer Schematic
- *D* Multi-Point Requirements for APD
- *E* Vicinity Map - Access Roads

- *F* Drill Rig Layout
- *G* Production Facilities Schematic
- *H* Acreage dedication

24. Signed *Robert L. Verquer* Title Assistant Superintendent Date 11/05/92
Robert L. Verquer

Permit No. _____ Approval Date _____
Approved By _____ Title _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF U.S. BLM FORM 3160-3

APPROVED
AS AMENDED

DEC 22 1992
AREA MANAGER

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NMOOD

EXHIBIT H

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised 1-1-89Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION

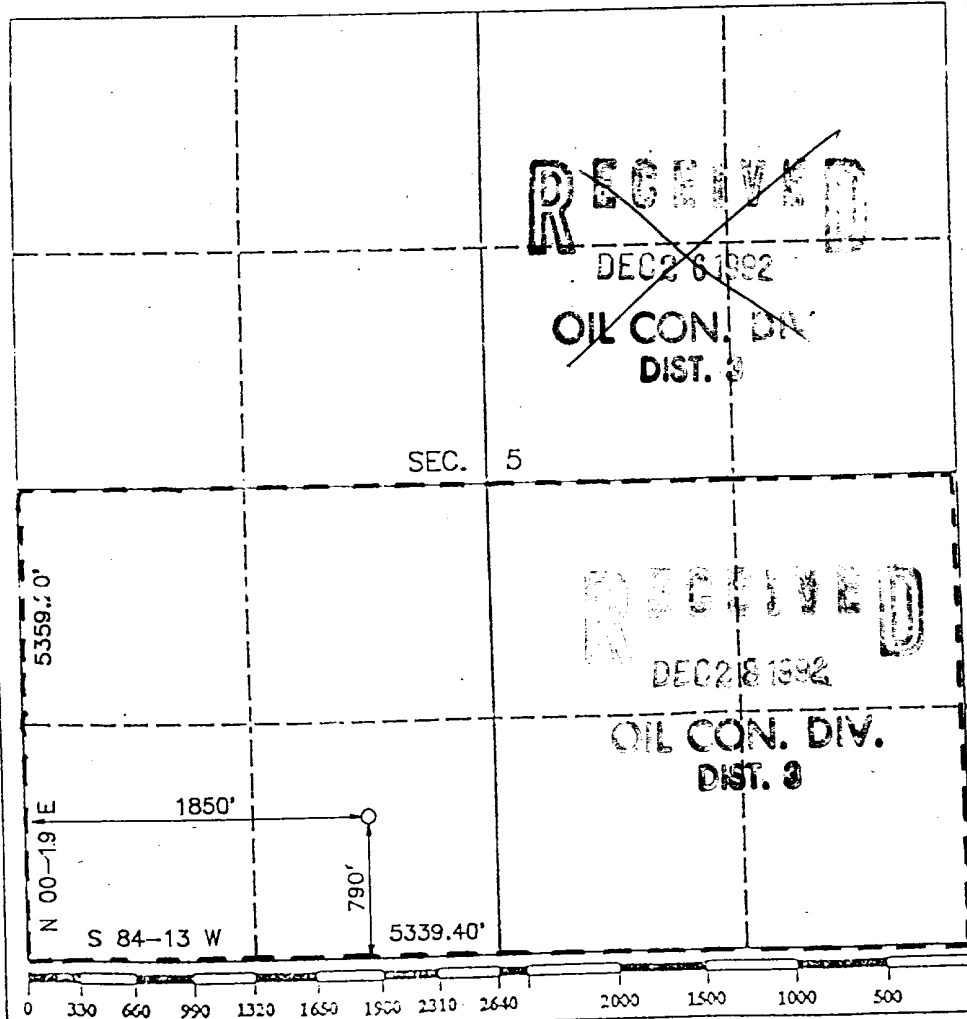
P.O. Box 2088
Santa Fe, New Mexico 87504-2088DISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator CAULKINS OIL CO.			Lease BREECH E		Well No. 602
Unit Letter N	Section 5	Township T.26 N.	Range R.6 W.	County RIO ARriba	NMPM
Actual Footage Location of Well: 790 feet from the SOUTH line and 1850 feet from the WEST line					
Ground level Elev. 6546	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

**OPERATOR CERTIFICATION**
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.Signature
Robert L. Verquer
Printed Name
Robert L. Verquer
Position
Assistant Superintendent
Company
Caulkins Oil Company
Date
11-05-92**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
OCTOBER 30, 1992Signature & Seal of Professional Surveyor
ROY A. RUSH
NEW MEXICO
8894
Certificate No. **8894**
Professional Land Surveyor

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT		5. Lease <div style="text-align: right;"> RECEIVED BLM NM-03551- 02 NOV 92 5:12:59 </div>	
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 3160-3 for such proposals)		6. If Indian, Allottee or Tribe Name 7. Unit Agreement Name	
1. Oil Well [] Gas Well [] Other [] GAS WELL		8. Patch or Lease Name BREECH "E"	
2. Name of Operator: Caulkins Oil Company		9. Well No. 602	
3. Address of Operator: (505) 632-1544 P.O. Box 340, Bloomfield, NM 87413		10. Field or Wildcat Name BASIN FRUITLAND COAL GAS WELL	
4. Location of Well (Report Location Clearly) 790' F/S and 1850' F/W		11. Sec. T.R.M. or Blk and Survey or Area SEC. 5-26N-6W	
14. API No.:	Elevation (show FT, RT and GR) 6546 GR	12. County or Parish Rio Arriba	13. State NM
16. Intention To: Amend APD Subsequent Report:			
17. Describe Proposed or Completed Operations: 11-19-92 Amended report for Reference number 3162.3-1 (019) 5 1/2" Casing will be cemented in 7 7/8 hole two stages. Stage tool will be set approx. 500' above casing shoe. Cement basket will be run on 1st joint below stage tool. Cement tops will be verified by excess cement being circulated to surface or by wireline cement logs, if no cement circulates to surface. 1st stage thru shoe will be cemented with 150 cu. ft. (calculated true volume plus 80%) class "B" neat cement.			
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: <u>Robert L. Verquer</u> TITLE: <u>Assistant Superintendent</u> DATE: <u>11/19/92</u> ROBERT L. VERQUER			
APPROVED BY: _____ TITLE: _____ DATE: _____			
CONDITIONS OF APPROVAL, IF ANY			

Continuation Sheet for Sundry Notice for well no.: 602

11-19-92 Excess cement from stage one will be circulated to surface before cementing stage # two.

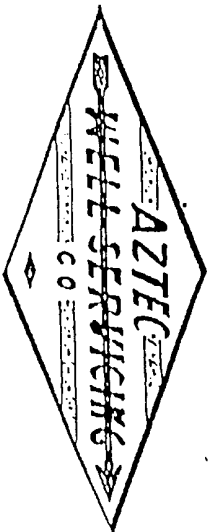
2nd stage thru stage tool set at approx. 2500', with 17 cu. ft. neat cement followed by 780 cu. ft. 50-50 Poz, 4% gel and containing 12 1/2# Gilsonite per sack and 34 cu. ft. neat cement to cover stage tool.

Note: Caliper logs will be run in open hole and should they indicate need for more cement, volumes will be increased.

Centralizers and/or turbulence inducers will be run through producing zones on bottom and above and below Blanco water zone.

8 5/8 surface casing will be cemented with 261 cu. ft. neat cement containing 3% CaCl.

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14. API No.:	Elevation (show BP, RT and GR) 6546 GR	12. County or Parish Rio Arriba	13. State NM
16. Intention To: Amend APD Subsequent Report:			
17. Describe Proposed or Completed Operations: 12-09-92 Approval is requested to change location layout to accommodate a closed mud system. No new surface will be disturbed outside of original location and reserve pit plat. New location pad approximately 240' X 180'.			
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: <u>Robert L. Verquer</u> TITLE: <u>Assistant Superintendent</u> DATE: <u>12/09/92</u> ROBERT L. VERQUER			
APPROVED BY: _____ TITLE: _____ DATE: _____ CONDITIONS OF APPROVAL, IF ANY			



CLOSED MUD SYSTEM

