

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 DESIGNATION AND SERIAL NO.

SF 079304

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sanchez

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pictured Cliffs & Dakota

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

Section 24, 26N 6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

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 and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

560' F/N and 660' F/W

BUREAU OF LAND MANAGEMENT

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6672 DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL

PULL OR ALTER CASING   
MULTIPLE COMPLETION   
ABANDON\*   
CHANGE PLANS

(Other) Commingling Application

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(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.)\*

It is proposed to recomplete well in Chacra and Mesa Verde formations then commingle production in wellbore formations Pictured Cliffs, Chacra, Mesa Verde and Dakota.

This notice to advise BLM that hearing with State of New Mexico has been set asking for approval.

BLM approval will be obtained prior to any work being done on well.

TO WHOM IT MAY CONCERN:  
A COPY OF THE ATTACHED APPLICATION  
HAS BEEN FORWARDED TO NMOCC.

BEFORE EXAMINATION  
OIL CONSERVATION DIVISION

Caulkins EXHIBIT NO. 6

CASE NO. 8575

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

SIGNED

Charles E. DeGuer

TITLE

Superintendent

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Open

\*See Instructions on Reverse Side

ACCEPTED FOR RECORD

DATE 4-5-85

APR 10 1985

Smm

AREA MANAGER  
FARMINGTON RESOURCE AREA

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. LEASE DESIGNATION AND SERIAL NO.

SF 079304

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sanchez

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 24, 26N 6W

12. COUNTY OR PARISH | 13. STATE

Rio Arriba | New Mexico

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

560' From North Line and 660' From West Line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6672 DF

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Perforate and Commingle <input checked="" type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(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.)\*

It is proposed to perforate Chacra Zone, 3990' to 4020' and Mesa Verde Zone 4780' to 5460', fracture treat each zone with approx 50,000# sand, then commingle Pictured Cliffs, Chacra, Mesa Verde and Dakota Zones in wellbore.

Present condition of well: TD 7650', 7" 20# cemented at 3052' with 200 sacks. 5" 15.5# cemented at 7650' with 700 sacks. No record of cement top behind 7" Casing and temperature survey run on 5" indicates cement top at 4540'. 5" squeezed at 3350' with 75 sacks. Cut off 5" at 2976'.

Well was dual completed, Pictured Cliffs and Dakota Zones 7-21-60.

Both Zones producing to El Paso Natural Gas Company lines 8-11-60 to present.

It is proposed to clean out to TD, then set Bridge Plug above Dakota perforations. Run Bond Log from below indicated top of cement at 4540' to surface to determine tops and bottoms of cement behind pipe, then perforate and cement as necessary to cover Mesa Verde, Chacra and Alamo Sands.

After cementing complete, Mesa Verde Zone will be perforated and fractured thru 2 7/8" tubing.

(Over)

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

SIGNED Charles E. Deegan TITLE Superintendent DATE 4-16-85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

After treating zone, 1 1/4" tubing will be run inside 2 7/8" tubing to unload, clean up and test Mesa Verde Zone.

Same program will be used for Chacra Zone.

After both Zones have been tested well will be commingled with zone separation equipment run on 2 3/8" tubing to prevent crossflow between zones.

Estimated starting date 7-1-85.

No new surface will be disturbed.

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
E-291-25 E-291-17

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- 2. Name of Operator Caulkins Oil Company 3. Address of Operator P.O. Box 780 Farmington, New Mexico 87499 4. Location of Well UNIT LETTER <u>D</u> <u>1145</u> FEET FROM THE <u>North</u> LINE AND <u>980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>26 North</u> RANGE <u>6 West</u> NMPM.	7. Unit Agreement Name 8. Farm or Lease Name State "B" 9. Well No. 233 10. Field and Pool, or Wildcat Basin Dakota 15. Elevation (Show whether DF, RT, GR, etc.) 6697 GR 12. County Rio Arriba
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16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Perforate and commingle</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)\*SEE RULE 1103.

It is proposed to perforate and Frac Chacra and Mesa Verde Zones, then subject to OCD approval, commingle Pictured Cliffs, Chacra, Mesa Verde and Dakota Zones in wellbore.

Cemoton survey run 8-22-60, when well was deepened to Dakota indicates top of cement at 5731'. Bond Log will be run from below 5731' to surface, then casing will be perforated and cemented to cover Mesa Verde, Chacra and Alamo Sands.

After cementing complete, well will be perforated in Mesa Verde Zone, then fraced down 2 7/8" OD EUE Tubing, with Bridge Plug set below Mesa Verde and Packer set above zone.

1 1/4" IJ Tubing will be run inside 2 7/8" Tubing and well cleaned up and tested in Mesa Verde Zone before proceeding with same program for Chacra Zone.

After completing testing, 2 3/8" Tubing will be run to Dakota Zone with separation equipment to prevent crossflow between all Zones.

Proposed starting date 8-1-85.

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

SIGNED Charles E. Vergara TITLE Superintendent DATE 4-16-85

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: