

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078707

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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Snyder Oil Corporation (505) 632-8056

3. ADDRESS OF OPERATOR

P.O. 2038 Farmington, NM 87499

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

1640' FSL & 790' FWL, Sec 13, T31N, R13W, NMPM

14. PERMIT NO.

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

DUKE 1M

9. WELL NO.

2364800

10. FIELD AND POOL, OR WILDCAT

Basin Dk/Blanco MV

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

12. COUNTY OR PARISH

San Juan

13. STATE

NM

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 ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☒

(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.\*

Subject: This well was Plugged & Abandoned  
on March 21, 1994

Per attached report.

RECEIVED  
APR 18 1994  
OIL CON. DIV.  
DIST. 3

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

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

SIGNED

Wayne Converse

TITLE

Engineer

DATE

03/31/94

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED

APR 13 1994

DISTRICT MANAGER

\*See Instructions on Reverse Side

NMDCO

10. 10. 10. 10. 10.

10. 10. 10. 10. 10.

March 23, 1994

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Snyder Oil Corporation  
**Duke #1M** (MV/Dk)  
1640' FSL, 790' FWL  
Sec. 13, T31N, R13W  
San Juan County, NM  
SF 078707

## **PLUG AND ABANDONMENT REPORT**

### **Cementing Summary:**

- Plug #1** from 6890' to 6620' inside 5-1/2" casing over Dk perms with 35 sxs Class B cement, displace to 5900' then pressured up to 900#.
- Plug #2** from 5450' to 5300' with 17 sxs Class B cement.
- Plug #3** from 4805' to 3040' with 200 sxs Class B cement over Mesaverde perms.
- Plug #4** with retainer at 2774', pump 10 sxs Class B cement on top of CR inside casing to 2686'.
- Plug #5** with retainer at 2097', pump 152 sxs Class B cement, squeeze 137 sxs below retainer from 2161' to 1705' outside casing; pressured up to 1,000#; spot 15 sxs above retainer to 1965'.
- Plug #6** from 1806' to 1656' with 17 sxs Class B cement inside casing.
- Plug #7** from 323' to surface with 48 sxs Class B cement, circulate good cement out 5-1/2" casing.

### **Plugging Summary:**

- 3-17-94 Safety meeting. Drive rig and equipment to location. Rig up. Rig up relief lines and blow well down. Check well for H2S; none. Kill both strings of tubing and 5-1/2" casing with 180 bbl water. Continue pumping water down casing to keep casing dead. ND wellhead. PU on MV side, found 1-1/4" tubing stuck. Attempt to work 1-1/4" tubing free. By pulling 30,000# (19,000# over string weight) made 38' up hole; then tubing parted. POH and LD Mesaverde 1-1/4" tubing (88 jts, 2848'). Tubing was parted in half on the 88th jt. Shut in well.

March 23, 1994

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Snyder Oil Corporation  
Duke #1M (MV/Dk)  
1640' FSL, 790' FWL  
Sec. 13, T31N, R13W  
San Juan County, NM  
SF 078707

**PLUG AND ABANDONMENT REPORT**

**Plugging Summary (contd):**

3-18-94 Safety meeting. Open up well. Pressure 200# on casing, no pressure on Dk tubing. Blow down casing. Attempt to work 1-1/2" Dk tubing free, pull up to 35,000# (16,000# over string weight); tubing stuck. Establish rate down 1-1/2" Dk tubing of 1-1/2 bpm 400#. Procedure change approved by W. Townsend with BLM. Plug #1 from 6890' to 6620' inside 5-1/2" casing over Dk perfs with 35 sxs Class B cement, displace to 5900' then pressured up to 900#. Shut in tubing and WOC. Open up well. RIH with wireline and tag TOC at 5490'. POH with wireline. Pressure test tubing to 750#, bleed off to 500# in 1-1/2 minutes. Rig up wireline with 1.390" tubing cutter. TIH with wireline and jet cut 1-1/2" tubing at 5450'. POH with wireline. Attempt to work tubing free; pull up to 12,000# over string weight, tubing stuck. Establish circulation down tubing. Plug #2 from 5450' to 5300' with 17 sxs Class B cement. Rig up wireline with 1.390" tubing cutter. RIH with wireline and jet cut tubing at 4805'. POH with wireline. Attempt to work tubing free; pull up to 11,000# over string weight, tubing stuck. Plug #3 from 4805' to 3040' with 200 sxs Class B cement over Mesaverde perfs. Rig up wireline with 1.390" tubing cutter. RIH with wireline and jet cut tubing at 2833'. POH with wireline. Work tubing free. POH with tubing above cement. Shut in well. SDFN.

3-21-94 Safety meeting. Open up well. POH and tally 86 jts 1-1/2" tubing. PU 5-1/2" cement retainer and RIH; set at 2774'. Sting out of CR. Load well with 17 bbl water. Sting into CR. Attempt to pump below cement retainer; pressured up to 800# with 3/4 bbl water. Sting out of CR. Plug #4 with retainer at 2774', pump 10 sxs Class B cement on top of CR inside casing to 2686'. POH to 2097'. Perforate 4 holes at 2161'. POH with wireline. PU 5-1/2" cement retainer and RIH; set at 2097'. Establish rate into holes 1-1/4 bpm at 600#. Plug #5 with retainer at 2097', pump 152 sxs Class B cement, squeeze 137 sxs below retainer from 2161' to 1705' outside casing; pressured up to 1,000#; spot 15 sxs above retainer to 1965'. POH to 1806'. Pressure test casing to 500#, held OK. Plug #6 from 1806' to 1656' with 17 sxs Class B cement inside casing. POH to 323'. Plug #7 from 323' to surface with 48 sxs Class B cement, circulate good cement out 5-1/2" casing. POH and LD tubing and setting tool. ND BOP. Dig out and cut off wellhead. Install P&A marker with 20 sxs cement. Rig down and move off location.

Procedure change approved by W. Townsend with BLM.  
H. Lujan with BLM was on location.