

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse 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.)

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

1065' FNL & 1791' FWL, Sec 18, T31N, R12W, NMPM

14. PERMIT NO.

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

ARNSTEIN 1E

9. WELL NO.

30-045-23616

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

10. 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\*

XX

(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 16, 1994

Per attached report.

RECEIVED  
APR 13 1994  
OIL CON. DIV.  
DIST. 3

OFFICE OF THE DISTRICT MANAGER

APR 21 AM 11:09

RECEIVED  
PLM

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

03/22/94

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOC

DATE

APPROVED

APR 06 1994

\*See Instructions on Reverse Side

DISTRICT MANAGER

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March 18, 1994

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Snyder Oil Corporation  
Arnstein #1E (MV/Dk)  
1065' FNL, 1791' FWL  
Sec. 18, T31N, R12W  
San Juan County, NM  
SF 078243

## PLUG AND ABANDONMENT REPORT

### Cementing Summary:

- Plug #1 from 6842' to 6207' with 72 sxs Class B cement, to cover Dakota perms and top.
- Plug #2 from 5994' to 5844' with 17 sxs Class B cement (15.3 ppg) inside casing.
- Plug #3 with retainer at 3811', pump 196 sxs Class B cement (15.5 ppg), squeeze 190 sxs below retainer and spot 6 sxs above up to 3758'.
- Plug #4 with retainer at 2215', pump 144 sxs Class B cement, squeeze 135 sxs below retainer from 2290' to 1858' outside casing and spot 9 sxs above CR inside casing to 2136'.
- Plug #5 from 1954' to 1804' with 17 sxs Class B cement inside casing.
- Plug #6&7 from 553' to surface with 72 sxs Class B cement inside casing, circulate good cement to surface out casing.

### Plugging Summary:

- 3-10-94 Drive rig and equipment to location. Rig up. Held H<sub>2</sub>S Safety meeting, review procedure. Rig up relief lines and attempt to blow MV down; well blowing, no H<sub>2</sub>S. Kill Dk tubing with 25 bbl water. Shut well in. SDFN.
- 3-11-94 Safety meeting. Blow well down to flow back tank. Kill Dk side with 30 bbl water. Pumped 100 bbl water down MV casing and tubing. ND wellhead. NU BOP and offset spool. PU on MV tubing, found free. POH and LD 1-1/2" IJ Mesaverde tubing (143 jts). ND offset spool. PU on Dk side and work tubing; packer seal assembly came free. Well unloaded gas and water, no H<sub>2</sub>S. Kill well with 80 bbls water. POH and tally 212 joints 1-1/2" EUE Dakota tubing. Shut in well and SDFN.
- 3-14-94 Safety meeting. Open up well. Blow well down to tank. Kill well with 80 bbls water. PU 5-1/2" casing scraper and RIH to 6730'. POH and LD scraper; well unloaded, kill well, wait for water, kill well, finished POH. PU 5-1/2" cement retainer and RIH; unable to go below 4142'. POH with CR and LD. RIH with open ended tubing to 6842'. Shut in well and SDFN.

March 18, 1994

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Snyder Oil Corporation  
Arnstein #1E (MV/Dk)  
1065' FNL, 1791' FWL  
Sec. 18, T31N, R12W  
San Juan County, NM  
SF 078243

**PLUG AND ABANDONMENT REPORT**

- 3-15-94      Safety meeting. Open up well. Blow well down to tank. Kill well with 60 bbls water. Plug #1 from 6842' to 6207' with 72 sxs Class B cement, to cover Dakota perfs and top. POH to 5000' and WOC. RIH and tag cement at 6283'. POH to 5994'. Plug #2 from 5994' to 5844' with 17 sxs Class B cement (15.3 ppg) inside casing. POH with tubing. PU 5-1/2" cement retainer and RIH; set at 3811'; pressure test tubing to 1000#; establish rate into perfs 2 bpm at 200#. Plug #3 with retainer at 3811', pump 196 sxs Class B cement (15.5 ppg), squeeze 190 sxs below retainer and spot 6 sxs above up to 3758'. POH to 2215'. Load hole with water and pressure test casing to 500#, held OK. Shut in well and SDFN.
- 3-16-94      Safety meeting. Open up well. POH with setting tool. Perforate 4 holes at 2290'. PU 5-1/2" cement retainer and RIH; set at 2215'; establish rate into holes 1-3/4 bpm at 500#. Plug #4 with retainer at 2215', pump 144 sxs Class B cement, squeeze 135 sxs below retainer from 2290' to 1858' outside casing and spot 9 sxs above CR inside casing to 2136'. POH to 1954'. Plug #5 from 1954' to 1804' with 17 sxs Class B cement inside casing. POH to 553'. Plug #6&7 from 553' to surface with 72 sxs Class B cement inside casing, circulate good cement to surface out casing. POH and LD tubing. Shut in well. Dig out wellhead. Open up well. ND BOP and cut off wellhead. Install P&A marker and fill casing with 20 sxs cement. Rig down and move off location.

Herman LuJuan with BLM on location.