

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 079007A	
2. NAME OF OPERATOR SNYDER OIL CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 2038, Farmington, NM 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1460' FWL & 1180 FSL (N)		8. FARM OR LEASE NAME TAFOYA	
14. PERMIT NO. 30-045-11144		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5881' KB, 5869' GR		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T32N, R13W	
		12. COUNTY OR PARISH San Juan	13. STATE NM

18. 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"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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.)\*

SUBJ: Snyder Oil Corp. proposed to Plug and Abandon this Well per the attached procedure.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
NOV 21 1994  
OIL CON. DIV.  
DIST. 8

RECEIVED  
NOV 21 1994  
OIL CON. DIV.  
DIST. 8

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

SIGNED Wayne Converse TITLE Engineer DATE 11-02-94  
Wayne Converse

(This space for Federal or State office use)

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

APPROVED  
NOV 16 1994  
DISTRICT MANAGER

\*See Instructions on Reverse Side

October 28, 1994

Snyder Oil Company

TAFOYA #1-35  
Blanco Mesaverde  
SW, Sec. 35, T32N, R13W  
San Juan County, New Mexico

**PLUG AND ABANDONMENT PROCEDURE:**

(All cement volumes use 100% excess outside pipe and 50' inside; The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressure.)

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Snyder safety rules and regulations.
2. MOL and RUSU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 1-1/4" EUE tubing; visually inspect; LD and use a 2" tubing work string if necessary. PU and RIH with a 5-1/2" casing scraper or wireline gauge ring to 4438'.
4. **Plug #1 (Mesaverde perfs):** PU 5-1/2" cement retainer and RIH; set at 4438'. Pressure test tubing to 1000#. Establish rate into Mesaverde perfs. Mix 63 sxs Class B cement and squeeze 57 sxs cement (50% excess, long plug) below the cement retainer from 4774' to 4488' and then spot 6 sxs cement above retainer. Load well with water and circulate well clean. Pressure test casing to 500#. POH with tubing to 3810'.
5. **Plug #2 (Mesaverde formation top & old casing leaks):** Mix 75 sxs Class B cement and spot a balance plug from 3810' to 3200', covering the Mesaverde and old casing leaks. POH and WOC. RIH and tag cement. POH to 2177'.
6. **Plug #3 (Pictured Cliffs top):** Mix 17 sxs Class B cement and spot balanced plug from 2177' to 2077'. POH with tubing. Pressure test casing to 500#.
7. **Plug #4 (Fruitland top):** Perforate 4 squeeze holes at 1811'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1750'. Establish rate into squeeze holes. Mix 60 sxs Class B cement and squeeze 43 sxs Class B cement outside the casing from 1811' to 1711' covering the Fruitland and then leave 17 sxs cement inside casing. POH to 1820' and reverse circulate. POH and LD setting tool.
8. **Plug #5 (Kirtland top & Surface Casing):** Pressure test casing to 500#. Perforate 2 squeeze holes at 496'. Establish circulation out bradenhead. Mix approximately 186 sxs Class B cement and pump down the 5-1/2" casing from 496' to surface over Kirtland and Nacimiento formations, circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to BLM spec. RD and MOL. Cut off anchors. Restore location per BLM stipulations.

# SNYDER OIL COMPANY

10-28-94

## EXISTING WELL

Nacimiento  
@ Surface

OA

Kt @ 446'

Ft @ 1761'

PC @ 2127'

MV 3760'

PBTD 4882'

Circulate cement  
surface

10-3/4" 32.75# @ 184'  
(135 sxs cement)

TOC @ 2100'  
(T.S.)

TOC @ 4080' (T.S.)

Mesaverde Perforations  
4488' - 4774'

5-1/2" 15.5 & 17# @ 4900'  
(200 sxs Cement)

HOLE 8-3/4"

TAFOYA #1-35 (MV)

SW, Sec 35, T32N, R13W

San Juan County, New Mexico

Spud: 10-19-57

Completed: 2-2-58

Elevation: 5869'

## WORK OVER HISTORY

**January 1984**

Isolated casing leak 3280' - 3358',  
squeezed with 150 sxs Howco Lite  
and 100 sxs Neat.

TOC - 2100' (T.S.)

**August 1979**

Isolated casing leak 3557' - 3588';  
squeezed 150 sxs Class B cement  
; tagged cement inside casing at  
3390', drilled good cement to  
3676'.

1-1/4" 2.4 EUE Tubing @ 4624'

# SNYDER OIL COMPANY

TAFOYA #1-35 (MV)  
SW, Sec 35, T32N, R13W  
San Juan County, New Mexico

10-28-94

## Proposed P & A

Nacimiento  
@ Surface

OA Not  
Present

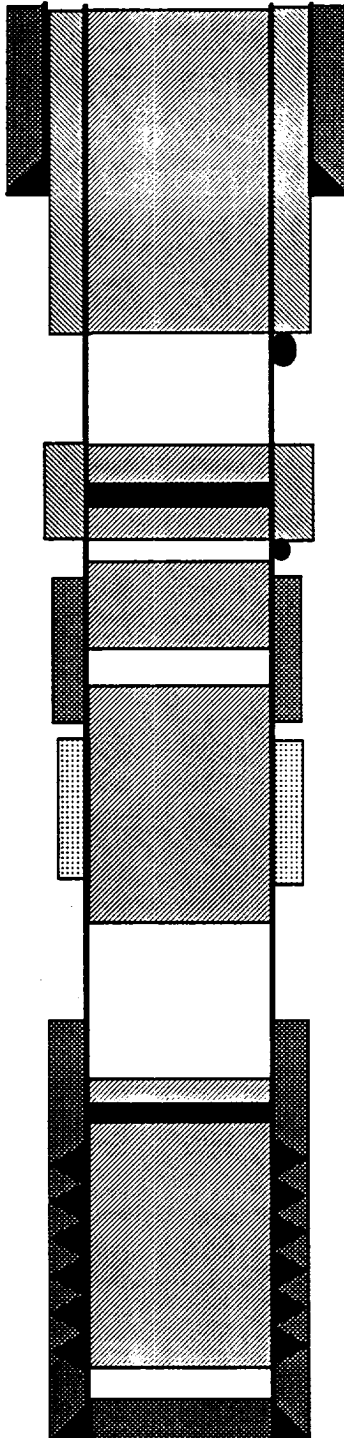
Kt @ 446'

Ft @ 1761'

PC @ 2127'

MV 3760'

PBTD 4882'



Circulate cement  
surface

10-3/4" 32.75# @ 184'  
(135 sxs cement)

Perforate @ 496'

Cement Rt @ 1750'  
Perforate @ 1811'

TOC @ 2100' (T.S.)

TOC @ 4080' (T.S.)

Cement Rt @ 4434'

Mesaverde Perforations  
4488' - 4774'

5-1/2" 15.5 & 17# @ 4900'  
(200 sxs Cement)

Plug #5 496' - Surface  
186 sxs cement

Plug #4 1811' - 1711'  
17 sxs Inside  
43 sxs Outside

Plug #3 2177' - 2077'  
17 sxs cement

Plug #2 3810' - 3200'  
75 sxs Inside

Plug #1 4774' - 4488'  
63 sxs cement

HOLE 8-3/4"

**UNITED STATES DEPARTMENT OF THE INTERIOR**

**BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway  
Farmington, New Mexico 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: **1 Tafoya**

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made (when applicable):

- 1.) Move the Fruitland cement plug from 1811'-1711' to 1786'-1686'. ( top of Fruitland @ 1736' )
- 2.) Perforating at 496' is not necessary. The top of the Kirtland shale is at approximately 168'. Therefore, it is necessary to perforate at 234' and circulate cement to the surface. ( bottom of surface casing @ 184' )