

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM SF 078707

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

STARR

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

DAKOTA/MESA VERDE

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

SEC 13, T31N, R13W

12. COUNTY OR PARISH 13. STATE

SAN JUAN N.M.

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

3. ADDRESS OF OPERATOR

P.O. BOX 2038, 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

1185' FSL & 1495' FWL

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

5796' KB

RECEIVED  
JAN 3 1992

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

OIL CON. DIV.  
DIST. 3

TEST WATER SHUT-OFF

FRACTURE TREATMENT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

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.)

- 1.) Set cement retainer at 4790' & cmt w/50% excess to btm of DK w/330 sx (390 ft') Class "B" Neat.
- 2.) Set cmt retainer at 4400' & cmt w/50% excess to bottom of MV perfs w/100 sx (119 ft') Class "B" Neat.
- 3.) Perf MV at 3704' & cmt 100' inside and outside 7" csg w/100% excess to cover top of MV w/64 sx (75 ft') Class "B" with 2% CaCl. Cmt top 3604'.
- 4.) Perf PC at 2118' & cmt 100' inside & outside 7" csg w/100% excess to cover top of PC w/64 sx (75 ft') Class "B" w/2% CaCl. Cmt top 2018'.
- 5.) Perf Fruitland at 1400' & cmt 100' inside and outside 7" csg w/100% excess to cover top of Fruitland w/64 sx (75 ft') Class "B" w/2% CaCl. Cmt top 1300'.
- 6.) Perf Ojo Alamo at 265' & fill 7" csg to surface and circ out back side w/122 sx (144 ft') or sufficient cmt to circ out surface.

Remove wellhead and install P & A marker. Clean up location and re-seed as per BLM spec's.

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

SIGNED

TITLE District Sup't.

DATE 12/20/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

IN REPLY REFER TO  
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1 Starr

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when  $\text{CaCl}_2$  is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perms-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

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"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR SNYDER OIL CORPORATION	8. FARM OR LEASE NAME STARR
3. ADDRESS OF OPERATOR P.O. BOX 2038, FARMINGTON, NEW MEXICO	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1185' FSL & 1495' FWL	10. FIELD AND POOL, OR WILDCAT DAKOTA/MESA VERDE
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 13/T31N/R13W
15. ELEVATIONS (Show whether OF, RT, GN, etc.) OIL CON. DIV.	12. COUNTY OR PARISH SAN JUAN
	13. STATE N.M.

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

NOTICE OF INTENTION TO:

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)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

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 checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>		<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.)

- 1.) Set cmt retainer @ 4785'. Unable to pump into DK perms w/1800 psig. Called BLM (Wayne Townsend) for procedurechg. Spot 25 sx (29 ft<sup>3</sup>) Class B Neat from 4785' to 4650' to cover liner top @ 4776'.
- 2.) Set cmt retainer @ 4391'. Cmt below CR w/50% excess to bottom of MV perms w/100 sx (118 ft<sup>3</sup>) Class B neat. Spot 14 sx(16 ft<sup>3</sup>) above cmt ret.
- 3.) Perf MV @ 3704'. Set cmt ret @ 3645' & cmt inside and outside 7" csg w/ 100% excess to cover top of MV w/64 sx (75 ft<sup>3</sup>) Class B Neat. Sqz 37sx(43ft<sup>3</sup>) below cmt ret. 27 sx (31 ft<sup>3</sup>) above. Cmt top 3604'.
- 4.) Perf PC @ 2118'. Set cmt ret @ 2032' & cmt inside and outside 7" csg w/ 100% excess to cover top of PC w/64 sx (75 ft<sup>3</sup>) Class B Neat. Sqz 42 sx (49 ft<sup>3</sup>) below cmt ret. 22 sx (26 ft<sup>3</sup>) above. Cmt top 2018'.
- 5.) Perf FR @ 1400'. Set cmt ret @ 1323' & cmt inside and outside 7" csg w/ 100% excess to cover top of FR w/64 sx (75 ft<sup>3</sup>) Class B Neat. Sqz 41 sx (48 ft<sup>3</sup>) below cmt ret. 23 sx (27 ft<sup>3</sup>) above. Cmt top 1300'.
- 6.) Perf Ojo Alamo @ 265'. Unable to circ out backside. Ojo taking all wtr. Onsite BLM approval (Joe Ruybalid) to pump 75 sx (88 ft<sup>3</sup>) Class B Neat down csg & 67 sx (79 ft<sup>3</sup>) Class B Neat down Bradenhead. Total cmt pumped exceeds 100% excess of 122 sx (144 ft<sup>3</sup>)
- 7.) Remove Wellhead. Cmt @ surface. Install P&A marker. Clean up location. To be reseeded

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

as per BLM specs.

SIGNED

*Wayne T. Converse*

TITLE

District Engineer

DATE

10/23/92

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY: [Signature]  
DATE: NOV 05 1992  
AREA MANAGER

APPROVED

DATE

NOV 05 1992

AREA MANAGER

\*See Instructions on Reverse Side

110000