

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir. USE "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Snyder Oil Corporation (505) 632 - 8056

3. Address and Phone No.

P.O. Box 2038 Farmington, New Mexico 87499

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1000' FNL & 1800' FWL, Sec 19, T31N, R12W, NMPM

5. Lease Designation & Serial No.: SF-078243

6. If Indian, Allottee or Tribe Name:

N/A

7. If Unit or CA, Agreement Designation:

N/A

8. Well Name & No.: Southern Union #2-E

9. API Well No.: 30-045-24387

10. Field and Pool, or Exploration Area:
Basin Dakota11. County or Parish, State
San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☒
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water
-
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. 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 P&A this well due to the uneconomical nature of the production. The Dakota zone will be abandoned and the proposed procedure is stated on the following attachment. Work will proceed as soon as an approval is received.

RECEIVED

DEC 15 1993

OIL CON. DIV.
DIST. 3SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed [Signature]Title Consulting Engineer for
Snyder Oil Corporation

Date 11-15-93

(This space for Federal or State office use)

Approved by _____

Title _____

APPROVED

DEC 10 1993

DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

November 6, 1993

SNYDER OIL CO.

Southern Union #2E (Dk)
NW, Sec. 19, T31N, R12W
San Juan County, New Mexico

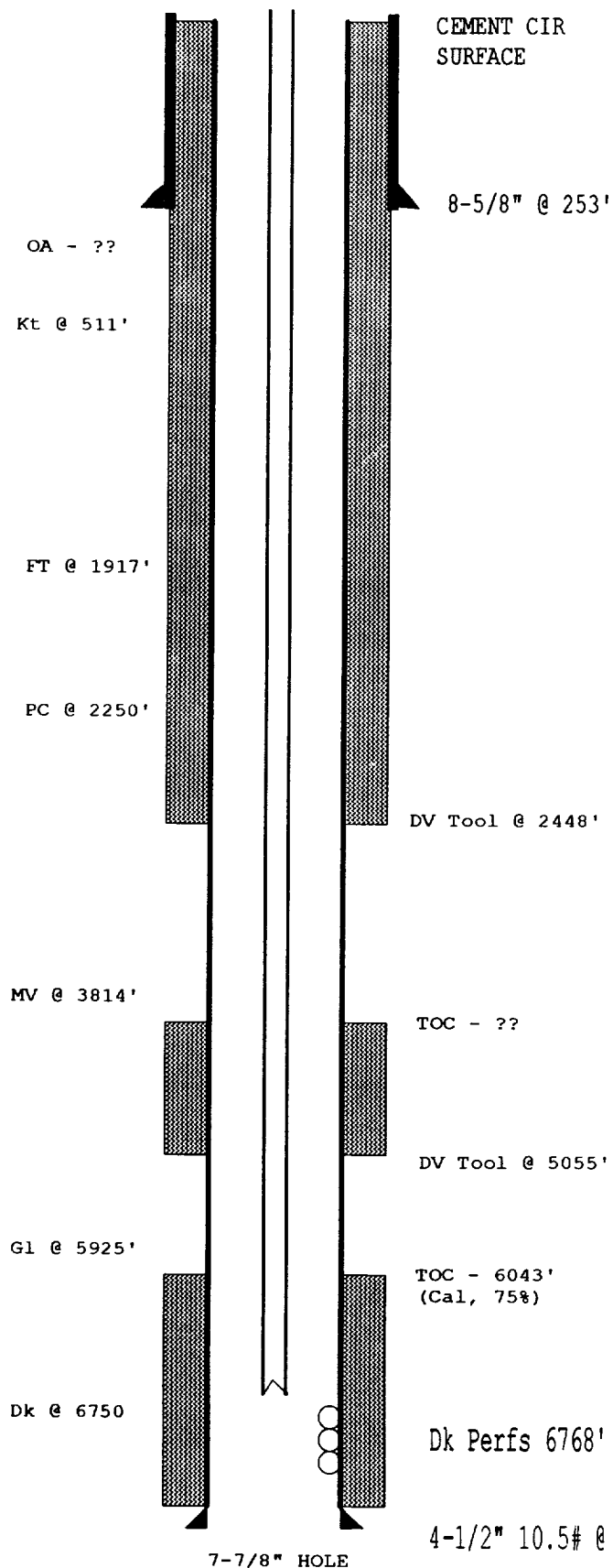
PLUG AND ABANDONMENT PROCEDURE:

1. MOL and RUSU. Comply to all NMOC, BLM and Snyder safety rules and regulations.
2. Blow well down; kill with water if necessary; a 8.3 ppg wellbore fluid exceeds the exposed reservoirs' pressure. ND wellhead and NU BOP and stripping head; test BOP.
3. POH with 1-1/2" Dakota tubing, visually inspect and LD if necessary.
4. PU 5-1/2" cement retainer and tubing; RIH and set CR at 6700' (above Dakota perfs and top); establish rate into perfs.
5. Plug #1 under CR at 6700' to 6840' with 27 sxs Class B cement (100% excess), squeeze 22 sxs below CR then spot 5 sxs on top. POH to 5975'. Load well with water and circulate clean. Pressure test casing to 500#. POH with setting tool.
6. Perforate 4 holes at 5975' (below Gallup top); attempt to establish rate into holes. PU 5-1/2" cement retainer and RIH; set CR at 5925' and establish rate into perfs.
7. Plug #2 under CR at 5925' from 5975' to 5825' with 51 sxs Class B cement (100% excess outside), squeeze 43 sxs below CR then spot 8 sxs on top. POH with setting tool.
8. Perforate 4 holes at 3864' (below MV top); attempt to establish rate into holes. PU 5-1/2" cement retainer and RIH; set CR at 3814' and establish rate into perfs.
9. Plug #3 under CR at 3814' from 3864' to 3764' with 51 sxs Class B cement (100% excess), squeeze 43 sxs below CR then spot 8 sxs on top. POH to 2300'.
10. Plug #4 from 2300' to 1867' with 37 sxs Class B cement (covers PC and Ft tops). POH to 561'.
11. Plug #5 from 561' to surface with approximately 43 sxs Class B cement, circulate good cement to surface; POH and LD tubing.
12. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU. Restore location.

EXISTING WELL

6 NOV 93

SNYDER OIL COMPANY
SOUTHERN UNION #2E
NW, Sec. 19, 31N, 12W
San Juan County, NM



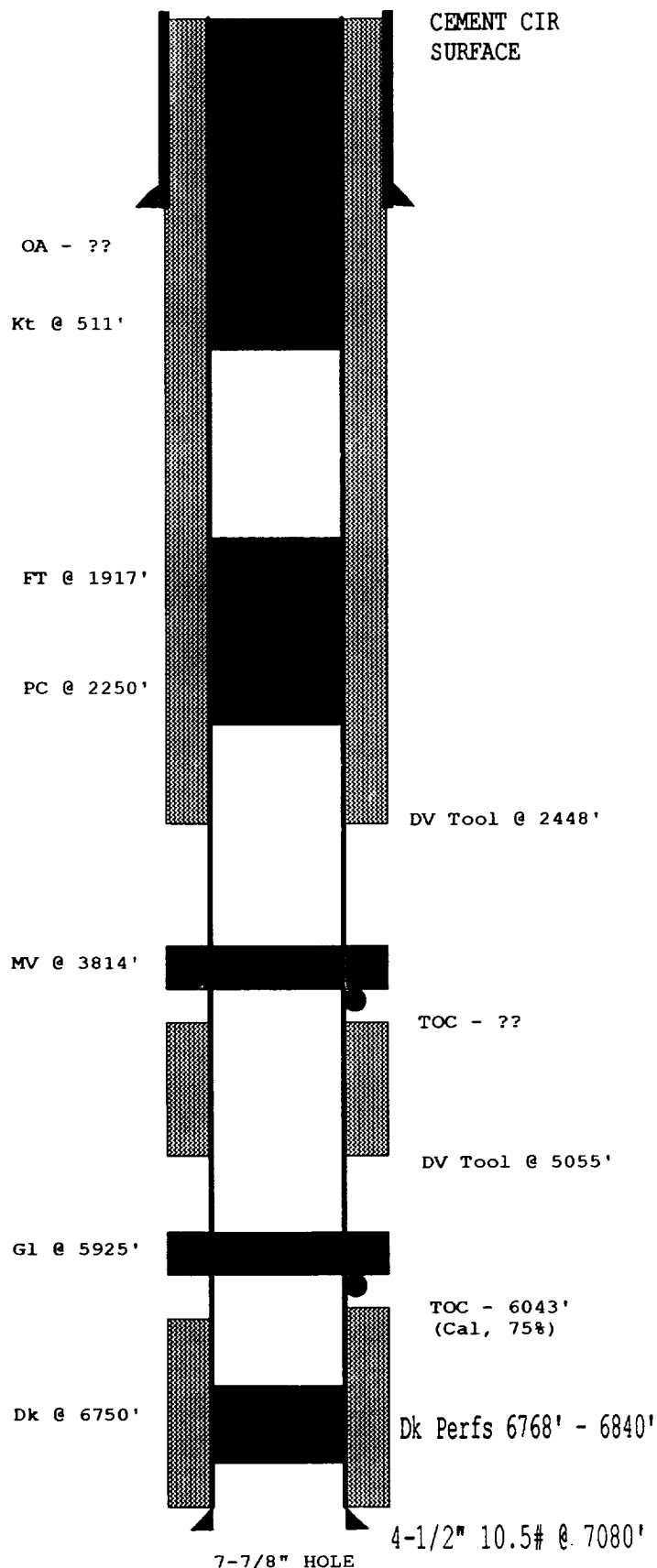
DV Tool @ 5055'
DID NOT OPEN, MAY HAVE
BEEN CEMENT DURING
INITIAL COMPLETION,
NO RECORDS

1-1/2" Tubing Set at 6912'

PLUGGED WELL

6 NOV 93

SNYDER OIL COMPANY
SOUTHERN UNION #2E
NW, Sec. 19, 31N, 12W
San Juan County, NM



PLUG #5 561' - SURFACE INSIDE
43 SXS CEMENT

PLUG #4 2300' - 1867'
37 SXS CEMENT

PERFORATE @ 3864', CR @ 3814'
PLUG #3 3864' - 3764'
51 SXS CEMENT

PERFORATE @ 5975', CR @ 5925'
PLUG #2 5975' - 5875'
51 SXS CEMENT

CEMENT RETAINER @ 6700
PLUG #1 6840' - 6700'
27 SXS CEMENT

IN REPLY REFER TO:
(07337)

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: 2 E Southern Union

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):

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