

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)

1065' FWL & 1791' FWL, Sec 18, T31N, R12W, NNPM

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.: Arnstein 1-E

9. API Well No.: 30-045-23616

10. Field and Pool, or Exploration Area:
Basin Dakota/Blanco MV11. 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. Both the Dakota and Mesa Verde zones will be abandoned and the proposed procedure is stated on the following attachment. Work will procede as soon as an approval is recieved.

RECEIVED

DEC 15 1993

OIL CON. DIV./
DIST. 3

OIL CON. DIV. NM

DEC 15 1993 AM 10:26

RECEIVED
BLMSEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Title Consulting Engineer for

Snyder Oil Corporation

Date 11-15-93

(This space for Federal or State office use)

Approved by

Title

APPROVED

DEC 08 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.

NMOCD

CD
CD

CONDITIONS OF ADOPTION
SEE ATTACHED FOR
NOTIFICATION TO BACCHETTI

November 7, 1993

SNYDER OIL CO.

Arnstein #1M (MV/Dk)
NW, Sec. 18, T31N, R12W
San Juan County, New Mexico

PLUG AND ABANDONMENT PROCEDURE:

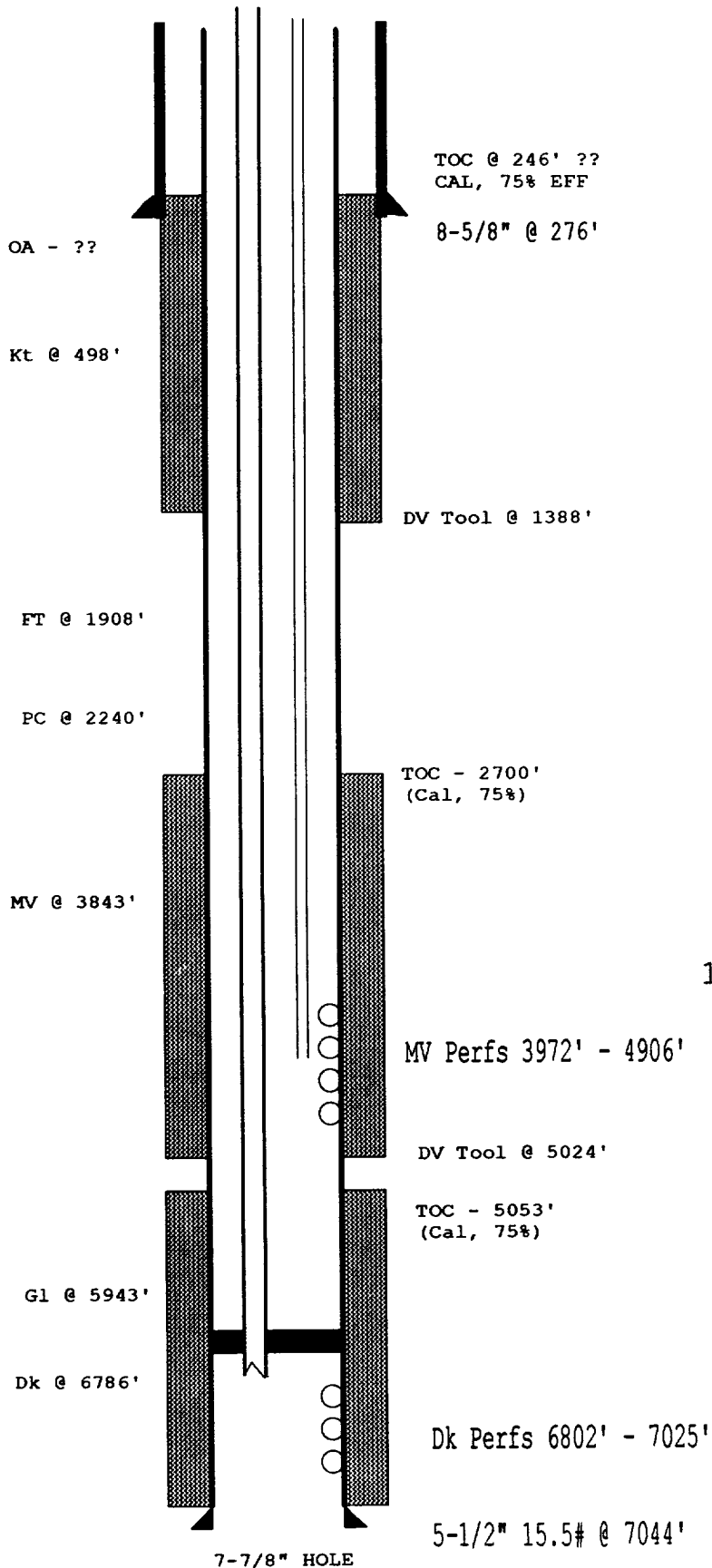
*** H2S 10 ppm ***

1. MOL and RUSU. Comply to all NMOC, BLM and Snyder safety rules and regulations. Install H2S monitoring and safety equipment; review safety procedures. 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.
2. NU offset spool; POH with 1-1/4 Mesaverde tubing and LD; change over for 1-1/2" tubing; release seal assembly from Baker Model D packer at 6740'; POH with 1-1/2" Dakota tubing and LD.
3. PU 5-1/2" cement retainer, 2" work tubing string and RIH; set at 6700' (above Dakota perfs); establish rate into perfs. Plug #1 under CR at 6700' to 7025' with 80 sxs Class B cement (100% excess), squeeze 76 sxs below CR then spot 6 sxs on top. POH to 5993'.
4. Plug #2 from 5993' to 5893' with 17 sxs Class B cement (top Gallup at 5943'). POH with setting tool.
5. PU 5-1/2" cement retainer and RIH; set at 3800' (above Mesaverde perfs and top); establish rate into perfs. Plug #3 under CR at 3800' to 4906' with 230 sxs Class B cement (long plug, 50% excess), squeeze 224 sxs below CR then spot 6 sxs on top. POH to 4800'. Load well and circulate clean. Pressure test casing to 500#. POH with setting tool
6. Perforate 4 holes at 2290' (below PC top at 2240'); establish rate into holes. PU 5-1/2" cement retainer and RIH; set at 2240'; establish rate into holes. Plug #4 under CR at 2240' from 2290' to 1858' with 127 sxs Class B cement outside casing (100% excess, covers Ft top), and 17 sxs inside casing from 2290' to 2190'. POH to 1958'.
8. Plug #5 from 1958' to 1858' with 17 sxs Class B cement inside casing (covers Ft top). POH to 548'.
9. Plug #6 from 548' to 448' with 17 sxs Class B cement inside casing (covers Kt top). POH and LD tubing.
10. Perforate 2 holes at 326'. Establish circulation out bradenhead. Plug #7 from 326' to surface with approximately 90 sxs Class B cement, circulate good cement to surface. Shut in well and SDFN.
11. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU. Restore location.

EXISTING WELL

7 NOV 93

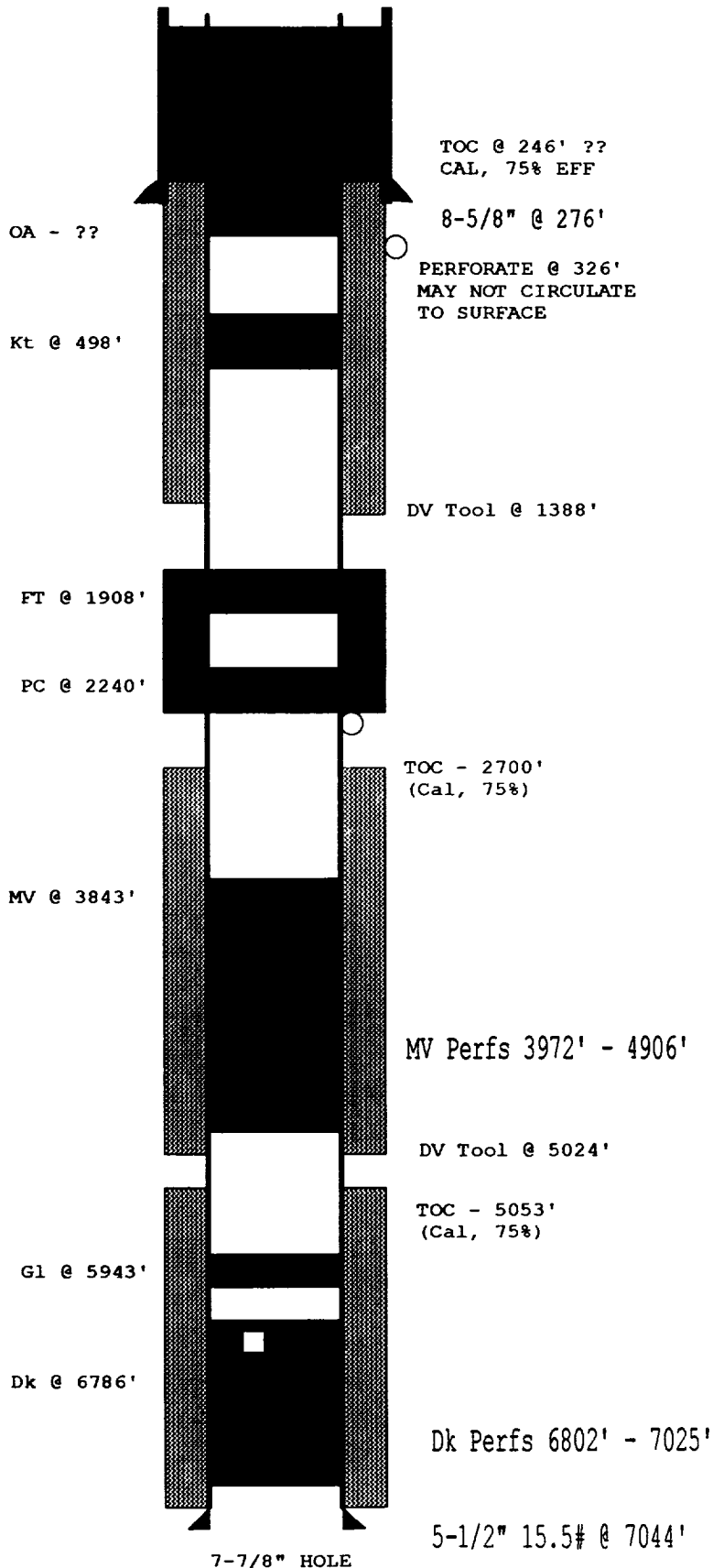
SNYDER OIL COMPANY
ARNSTEIN #1M
NW, Sec. 18, 31N, 12W
San Juan County, NM



PLUGGED WELL

7 NOV 93

SNYDER OIL COMPANY
ARNSTEIN #1M
NW, Sec. 18, 31N, 12W
San Juan County, NM



PERFORATE @ 326'
PLUG #7 326' - SURFACE
90 SXS CEMENT

PLUG #6 548' - 448'
17 SXS CEMENT

PLUG #5 1958' - 1858'
17 SXS CEMENT

PERFORATE @ 2290'
CEMENT RETAINER @ 2240'
PLUG #4 2290' - 1858' OUTSIDE
127 SXS CEMENT
2290' - 2190' INSIDE
17 SXS CEMENT

CEMENT RETAINER @ 3800'
PLUG #3 4906' - 3800'
230 SXS CEMENT

PLUG #2 5993' - 5893'
17 SXS CEMENT

CEMENT RETAINER @ 6700'
PLUG #1 7025' - 6700'
80 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: 1-E Arnstein

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):

Our records indicate that cement was circulated to the surface from the 3rd stage. (85 sks. circulated)

Pressure up on the bradenhead to ensure 5 1/2" x 8 5/8" annulus is sealed.

spot cmt. plug inside csg. from 326' to surface.

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