

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1001-0135
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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation & Serial No.: SF-078707
2. Name of Operator Snyder Oil Corporation (505) 632 - 8056	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Phone No. P.O. Box 2038 Farmington, New Mexico 87499	7. If Unit or CA, Agreement Designation: N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1640' FSL & 790' FWL, Sec 13, T31N, R13W, NMPM	8. Well Name & No.: Duke # 1-M
	9. API Well No.: 2364800
	10. Field and Pool, or Exploitation Area: Basin Dakota/Blanco MV
	11. 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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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 only in the Mesa Verde formation due to the uneconomical nature of the production. The Mesa Verde 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 30 1993OIL CON. DIV
DIST. 3SEE ATTACHED FOR
CONDITIONS OF APPROVAL

DEC 31 1993

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 27 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 9, 1993

SNYDER OIL CO.

Duke #1M (MV/Dk)
SE, Sec. 13, T31N, R13W
San Juan County, New Mexico

PLUG AND ABANDONMENT PROCEDURE:

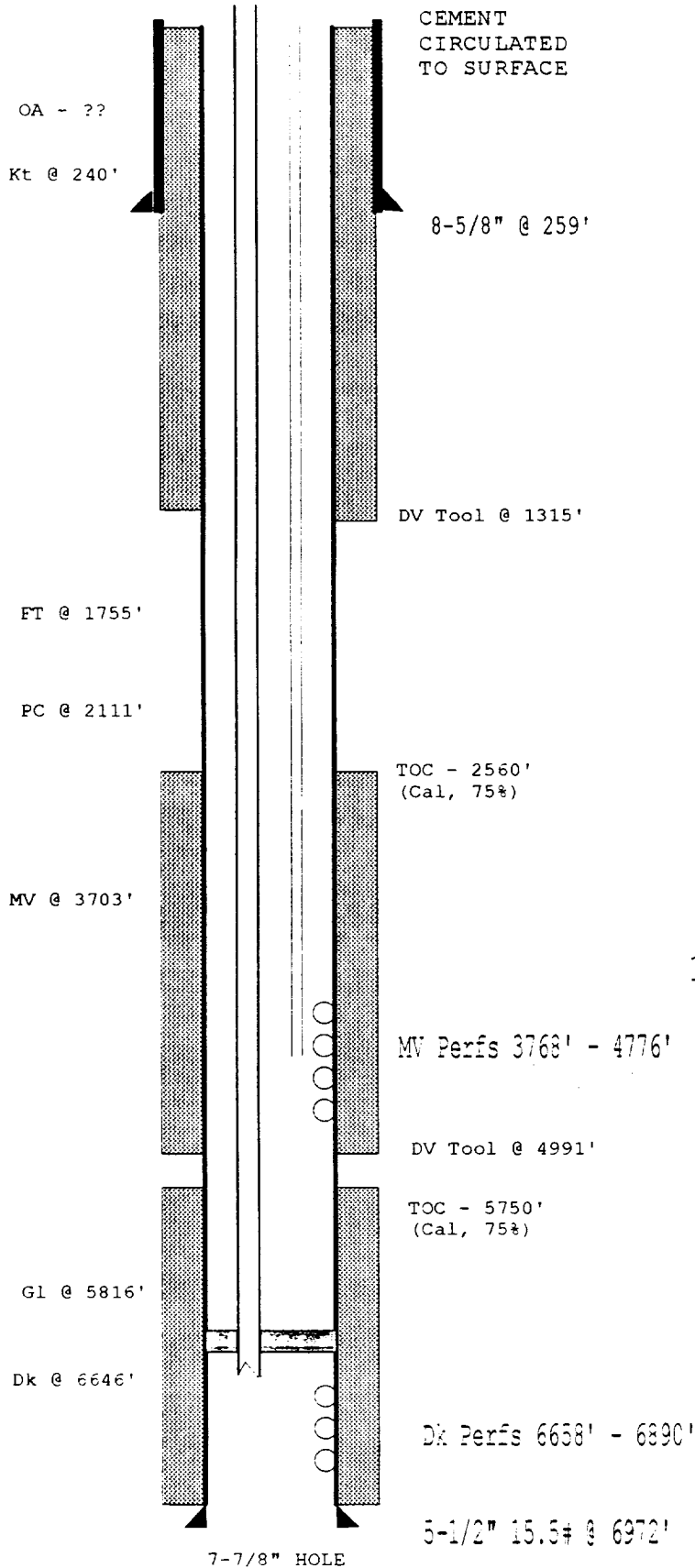
*** H2S 160 ppm ***

1. MOL and RUSU. Comply to all NMOCB, 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 6620'; POH with 1-1/2" Dakota tubing and LD.
3. PU 5-1/2" cement retainer, 2" work tubing string and RIH; set at 6600' (above Dakota perfs); establish rate into perfs. Plug #1 under CR at 6600' to 6890' with 72 sxs Class B cement (100% excess), squeeze 66 sxs below CR then spot 6 sxs on top. POH to 5866'.
4. Plug #2 from 5866' to 5766' with 17 sxs Class B cement (top Gallup at 5816'). POH with setting tool.
5. PU 5-1/2" cement retainer and RIH; set at 3650' (above Mesaverde perfs and top); establish rate into perfs. Plug #3 under CR at 3650' to 4776' with 196 sxs Class B cement (long plug, 50% excess), squeeze 190 sxs below CR then spot 6 sxs on top. POH to 3500'. Load well and circulate clean. Pressure test casing to 500#. POH with setting tool.
6. Perforate 4 holes at 2161' (below PC top at 2111'); establish rate into holes. PU 5-1/2" cement retainer and RIH; set at 2100'; establish rate into holes. Plug #4 under CR at 2100' from 2161' to 1705' with 134 sxs Class B cement outside casing (100% excess, covers Ft top), and 17 sxs inside casing from 2161' to 2061'. POH to 1805'.
8. Plug #5 from 1805' to 1705' with 17 sxs Class B cement inside casing (covers Ft top). POH to 309'.
9. Plug #7 from 309' to surface with approximately 35 sxs Class B cement inside casing, circulate good cement to surface. Shut in well and SDFN.
10. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU. Restore location.

EXISTING WELL

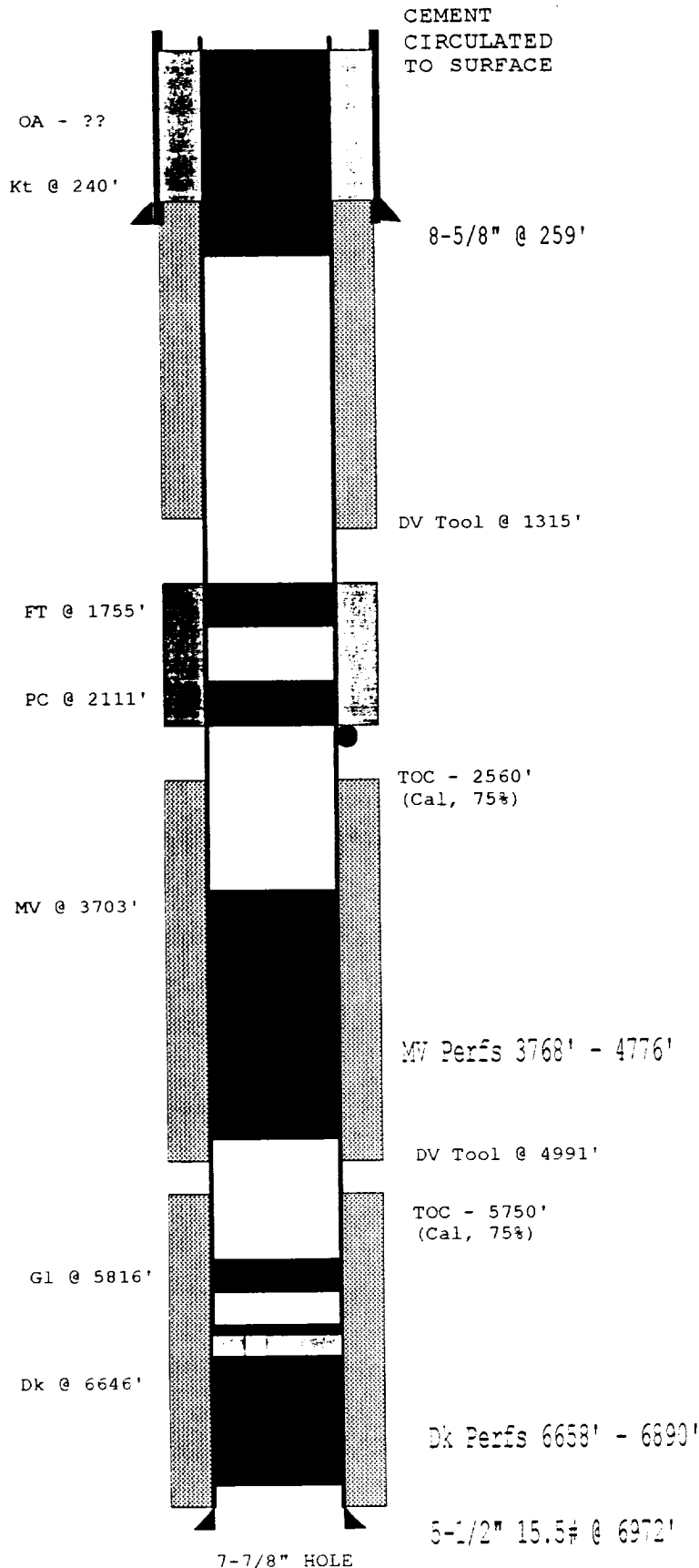
9 NOV 93

SNYDER OIL COMPANY
DUKE #1M
SE, Sec. 13, 31N, 13W
San Juan County, NM



PLUGGED WELL

9 NOV 93



SNYDER OIL COMPANY
DUKE #1M
SE, Sec. 13, 31N, 13W
San Juan County, NM

PLUG #6 309' - SURFACE
INSIDE
35 SXS CEMENT

PLUG #5 1805' - 1705'
INSIDE
17 SXS CEMENT

PERFORATE @ 2161'
CEMENT RETAINER @ 2100'
PLUG #4 2161' - 1705' OUTSIDE
134 SXS CEMENT
2161' - 2061' INSIDE
17 SXS CEMENT

CEMENT RETAINER @ 3650'
PLUG #3 3650' - 4776'
196 SXS CEMENT

PLUG #2 5866' - 5766'
17 SXS CEMENT

CEMENT RETAINER @ 6600'
PLUG #1 6600' - 6890'
72 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 M Duke

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.