

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 to 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

3. Address and Telephone No.
P.O. Box 2038, Farmington, NM 87499

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1095' FNL and 1075' FEL, Sec. 25, T31N, R13W

5. Lease Designation and Serial No.

NMSF078464

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cain No. 1

9. API Well No.

3004510379

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan Co., 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.)*

Snyder Oil Corporation proposes to amend the plugging procedure for the Cain No. 1 Basin Dakota to the attached procedure. The original procedure was approved January 13, 1993.

Remove wellhead and install P&A marker. Clean up location and reseed per BLM specifications.

RECEIVED
JUL 15 1993
OIL CON. DIV.
DIST 2

STANDARD CONDITIONS OF APPROVAL

RECEIVED
BLM
93 JUL -9 AM 11:48
070 FARMINGTON, NM

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

Signed

Title Agent

Date

July 9, 1993

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED

Date

JUL 12 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, or to furnish any material within its jurisdiction.

07/02/93

SNYDER OIL CORPORATION

CAIN 1 - DK

SEC 25, T31N, R13W

GL 5829 '

KB 7 '

MULTIPLIERS

CEMENT EFFICIENCY	75%
INSIDE CSG	50%
PERFS & OUTSIDE CSG	100%
BETWEEN CASINGS	0%

FORMATION TOPS (KB)

	FROM	TO	PROTECT
OJO	253	349	INTERVAL
FRUITLAND	1675	2124	INTERVAL
PICTURED CLIFFS	2124	2312	TOP
CLIFFHOUSE	3690	3852	TOP
POINT LOOKOUT	4464	4674	
GALLUP	5772	6520	TOP
GREENHORN	6520	6663	
DAKOTA	6663	6849	PERFS
MORRISON	6849		

13.75 '
HOLE
@
152 ' X

~ CALC CMT TOP FROM 0 '
SURFACE CSG TO 152 '
TYPE REG
10.75 ' SXS 70
32.7 # FT3/SX 1.18
CSG @ FT3/FT 0.4009
152 ' X

8.75 '
HOLE
@
4378 ' X

~ CALC CMT TOP FROM 3495 '
INTERM. CSG TO 4378 '
TYPE REG
SXS 150
FT3/SX 1.18
FT3/FT 0.1503

1.5 ' LJ
2.76 #
TBG @
6668 ' X

~ LINER HANGER 4102 '
WHIPSTOCK FROM 4175 '
WINDOW TO 4187 '
7 '
20 # 4102
CSG @
4378 ' X

6.25 '
HOLE
@
6818 ' X

~ CALC CMT TOP FROM 4102 '
PROD. LINER TO 6818 '
TYPE 50/50
PBDT 6772 ' SXS 400
FT3/SX 1.54
DK PERFS FT3/FT 0.1169 2ND
FR 6669 ' FT3/FT 0.1026 1ST
TO 6753 '
4.5 '
9.5 #
CSG @
6818 ' X
CAPACITY FACTORS
2.375 0.02171 FT3/FT
4.5 0.09120 FT3/FT
7 0.22730 FT3/FT
CL "B" 1.18 FT3/FT
CL "B" 5.20 GAL/SX

- TOH AND LD 1-1/2" PRODUCTION STRING.
- TIH W/ 4-1/2" SCRAPER AND 2-3/8" TBG @ 6613'.
- TIH W/ 4-1/2" CMT RET @ 6613'. PR TST - 1000#.
- ESTAB. RATE INTO PERFS @ 6669'.
PLUG #1 - PUMP 27 SXS - (32 FT3) CL "B" NEAT
TO COVER DK INTERVAL FROM 6753' TO 6613'.
PUMP 21 SXS ~ (2 BBL H2O) BELOW CR.
PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
PUMP 24 BBL H2O SPACER BEHIND CMT.
POOH TO CALC. INSIDE CEMENT TOP @ 6535'.
PUMP 12 BBL 8.4# MUD BEHIND H2O SPACER.
- POH W/ WORKSTRING TO 5822'. PR TST - 500#.
- PLUG #2 - PUMP 12 SXS - (14 FT3) CL "B" NEAT
TO COVER GP INTERVAL FROM 5822' TO 5722'.
PUMP 12 SXS ~ (1 BBL H2O) PLUG INSIDE CSG.
PUMP 22 BBL H2O SPACER BEHIND CMT.
POOH TO CALC. INSIDE CEMENT TOP @ 5667'.
PUMP 25 BBL 8.4# MUD BEHIND H2O SPACER.
- POH W/ WORKSTRING TO 4152'.
- PLUG #3 - PUMP 20 SXS - (24 FT3) CL "B" NEAT
TO COVER LINER TOP FROM 4152' TO 4052'.
PUMP 20 SXS ~ (3 BBL H2O) ABOVE CR.
PUMP 16 BBL H2O SPACER BEHIND CMT.
POOH TO CALC. INSIDE CEMENT TOP @ 4048'.
PUMP 12 BBL 8.4# MUD BEHIND H2O SPACER.
- POOH TO 3740'.

CAIN 1 - DK

SNYDER OIL CORPORATION

10. PLUG #4 - PUMP 29 SXS - (34 FT3) CL "B" NEAT TO COVER CH INTERVAL FROM 3740' TO 3640'. PUMP 14 BBL H2O SPACER BEHIND CMT. POOH TO CALC. INSIDE CEMENT TOP @ 3617'. PUMP 58 BBL 8.4# MUD BEHIND H2O SPACER. TOH W/ WORKSTRING.

11. PERF 4 SQZ HOLES AT 2174'. (50' BELOW PC.) TIH W/ 7" CMT RET @ 2124'. PR TST - 1000#.

12. ESTAB. RATE INTO PERFS @ 2174'.
 PLUG #5 - PUMP 169 SXS - (199 FT3) CL "B" NEAT TO COVER PC/FR ANNUL. FROM 2174' TO 1625'.
 PUMP 155 SXS ~ (19 BBL H2O) BELOW CR.
 PUMP 14 SXS ~ (2 BBL H2O) ABOVE CR.
 PUMP 8 BBL H2O SPACER BEHIND CMT.
 POOH TO CALC. INSIDE CEMENT TOP @ 2051'.
 PUMP 13 BBL 8.4# MUD BEHIND H2O SPACER.

13. POH W/ WORKSTRING TO 1725'.

14. PLUG #6 - PUMP 29 SXS - (34 FT3) CL "B" NEAT TO COVER FR INTERVAL FROM 1725' TO 1625'.
 PUMP 29 SXS ~ (4 BBL H2O) INSIDE CSG.
 PUMP 6 BBL H2O SPACER BEHIND CMT.
 POOH TO CALC. CEMENT TOP @ 1574'.
 PUMP 48 BBL 8.4# MUD BEHIND H2O SPACER. TOH W/ WORKSTRING.

15. PERF 4 SQZ HOLES AT 399'. (50' BELOW KIRTL.) ESTAB. CIRC. OUT BRADENHEAD.

16. PLUG #7 - PUMP 128 SXS - (151 FT3) CL "B" NEAT TO COVER OJO INTERVAL FROM 399' TO SURF. OR UNTIL GOOD CEMENT CIRC. SI WELL. WOC.

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 Cain

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 (SOS) 599-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

*8.4 #/gal mud is to have a viscosity of
40 Sec/gal.*