

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. -
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Snyder Oil Corporation		6. State Oil & Gas Lease No. -
3. Address of Operator P.O. Box 2038 Farmington, NM 87499		7. Lease Name or Unit Agreement Name Robinson Brothers
4. Well Location Unit Letter <u>P</u> : <u>1235</u> Feet From The <u>South</u> Line and <u>760</u> Feet From The <u>East</u> Line Section <u>34</u> Township <u>32N</u> Range <u>13W</u> NMPM San Juan County		8. Well No. <u>#1-34</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.)		9. Pool name or Wildcat Blanco Mesa Verde

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Subject Well Plugged: Abandoned on February 22, 1994
per the attached report.

RECEIVED
MAR 04 1994
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Wayne L. Converse TITLE District Engineer DATE 3/02/94
TYPE OR PRINT NAME Wayne L. Converse TELEPHONE NO. 632-8056

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 04 1994
CONDITIONS OF APPROVAL, IF ANY:

February 23, 1994
Snyder Oil Corporation
Robinson Bros. #1-34 (MV)
Unit P, 1235' FSL, 760' FEL
Sec. 34, T32N, R13W
San Juan County, NM
State Lease

Page 1 of 1

PLUG AND ABANDONMENT REPORT

Cementing Summary:

- Plug #1** with retainer at 1776', pump 102 sxs Class B cement, squeeze 85 sxs below retainer (200' in/outside plug with 100% excess) and spot 17 sxs above CR up to 1626'.
- Plug #2** with retainer at 1522', pump 60 sxs Class B cement, squeeze 48 sxs below retainer and spot 12 sxs above up to 1416'.
- Plug #3** from 243' to surface with 95 sxs Class B cement, circulate good cement to surface out bradenhead.

Plugging Summary:

- 2-17-94 Safety meeting. Drive rig and equipment to location. Rig up relief lines and blow well down. ND wellhead, necessary to hacksaw 6 bolts off wellhead. PU on tubing to release packer; found tubing was free and weighed only 4000#. NU BOP. POH and lay down 1-1/2" tubing (54 jts plus 1' piece). Tubing was parted; badly scaled with holes in several joints. PU 2-3/8" tubing with overshot and TIH to 1877'. Stack out on fish, work overshot. Pull up on tubing, no weight change. POH to inspect overshot. POH with 5 jts 1-1/2" tubing; tubing in very bad condition. Shut in well. SDFN.
- 2-18-94 Safety meeting. Open up well. Change out grapples in overshot. TIH with overshot to 1891'. Work overshot on fish, could not get deeper. POH to inspect overshot, had a 6" piece on 1-1/2" tubing in overshot. Change out grapples for a body break. TIH with 2-3/8" tubing to 1891'. Work overshot on fish, could not get deeper. POH to inspect overshot; overshot empty. Change out grapples to fish a box. TIH to 1891'. Work overshot on fish, could not get deeper. POH to inspect overshot; overshot empty. SDFN.
- 2-21-94 Safety meeting. Open up well. TIH with 2.2 grapple to fish a box. Work overshot on fish, could not get deeper. POH to inspect overshot; overshot had shale and formation, feels like overshot is going outside the casing. Procedure change approved by C. Gholson with NMOC to plug well above fish at 1891'. PU 5-1/2" cement retainer and RIH; set at 1776'; pressure test tubing; establish rate 2 bpm at 300# below retainer. Plug #1 with retainer at 1776', pump 102 sxs Class B cement, squeeze 85 sxs below retainer (200' in/outside plug with 100% excess) and spot 17 sxs above CR up to 1626'. POH to 1586'. Reverse circulate with 18 bbl water. POH with setting tool. Perforate 4 holes at 1570'. PU 5-1/2" cement retainer and RIH; set at 1522'; establish rate into holes 2 bpm at 300#. Plug #2 with retainer at 1522', pump 60 sxs Class B cement, squeeze 48 sxs below retainer and spot 12 sxs above up to 1416'. POH to above cement. Pressure test casing to 500#; held OK. POH and LD tubing. Shut in well. SDFN.
- 2-22-94 Safety meeting. Open up well. Pump 4 bbl water to load well. Perforate 2 holes at 243'. POH and establish circulation out bradenhead with 11 bbls water. Plug #3 from 243' to surface with 95 sxs Class B cement, circulate good cement to surface out bradenhead. Shut in well and WOC. Dig out well head. ND BOP and cut off wellhead. Install dry hole marker with 20 sxs cement. Rig down and move off location.

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OIL CONSERVATION DIVISION

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WELL API NO.	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Robinson Brothers	
8. Well No. X-34	
9. Pool name or Wildcat Blanco Mesa Verde	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5791 GR, 5803' KB	

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Snyder Oil Corporation	
3. Address of Operator P.O. Box 2038, Farmington, NM 87499	
4. Well Location Unit Letter P : 1235' Feet From The South Line and 760' Feet From The East Line Section 34 Township 32N Range 13W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5791 GR, 5803' KB	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: Remedial P&A work <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On October 24, 1994 gas was observed bubbling in the 5-1/2" casing stub of this well. Snyder Oil Company proposes to repair this well per the attached remedial P&A procedure. In visiting with David and Lisa McFarland (Landowners), they stated that they were not planning to move onto the property until Spring of 1995. Due to this fact I request to do this work after full AFE approval is obtained. This will take approximately two (2) months. We should be able to move on to this Well by early January 1995.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Wayne Converse TITLE Engineer DATE 11-02-94
(505) 632-8056
TYPE OR PRINT NAME Wayne Converse TELEPHONE NO.

(This space for State Use) ORIGINAL SIGNED BY
JOHNNY ROBINSON
OIL & GAS INSPECTOR
APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV - 3 1994
CONDITIONS OF APPROVAL, IF ANY:

Notify in time to witness

October 27, 1994

Snyder Oil Company

Robinson #1 (MV)

SE, Sec. 34, T32N, R13W
San Juan County, New Mexico

Remedial PLUG AND ABANDONMENT PROCEDURE:

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD and Snyder safety rules and regulations.
2. MOL and RUSU. Install 5-1/2" wellhead and NU BOP and stripping head; test BOP. Rig up power swivel, pit and pump.
3. PU 4-3/4" bit and 3-1/2" drill collars (total of 4) and drill cement out of 5-1/2" casing from surface to approximately 243' or until through cement. Circulate hole clean.
4. Continue RIH with 2" work tubing string and tag bottom at approximately 1375'. Circulate well clean with water and POH with bit and drill collars. PU 5-1/2" casing scraper and RIH to bottom. POH and LD scraper.
5. Rig up Blue Jet Wireline and run an Audio Log from surface to PBTD to determine if and at what depth there is gas flow in the 5-1/2" x 8-3/4" annulus. RD wireline unit.
6. Attempt to establish rate into perforations at 234'; record the rate and pressure.
7. Perforate 4 squeeze holes at approximately 20' below the zone of interest determined by Step 5. RIH and set 5-1/2" cement retainer 50' above squeeze holes. Pressure test tubing to 1000#. Establish rate into squeeze holes; attempt to establish circulation out perms at 243' and to the surface. May be necessary to perforate at 250' or deeper.
8. **Plug #1 (New squeeze holes):** Establish rate into squeeze holes. Mix and pump sufficient Class B cement, squeeze cement below the cement retainer then sting out of retainer and spot cement to the surface. POH with tubing. Fill 5-1/2" casing with cement and squeeze additional cement into perms at 243', obtain squeeze pressure of no more than 250#. Shut in casing and WOC overnight.
9. ND BOP and remove wellhead. Install P&A marker (5-1/2" pipe with a threaded end) into casing stub to meet OCD specifications. RD and MOL. Cut off anchors.
10. Restore location per land owner stipulations.

SNYDER OIL CORPORATION
Robinson Bros. #1-34

CURRENT
Mesaverde

SE, Section 34, T-32-N, R-13-W, San Juan County, NM

Today's Date: 10/27/94

Plug #3 95 sxs Class B cement
down 5-1/2" casing; circulated to
surface out bradenhead.

Plug #2 60 sxs Class B cement,
48 sxs below CR & 17 sxs above.

Fruitland 1520'

Plug #1 102 sxs Class B
cement, 85 sxs below CR &
17 sxs above to 1626'.

Pictured Cliffs @ 2036'

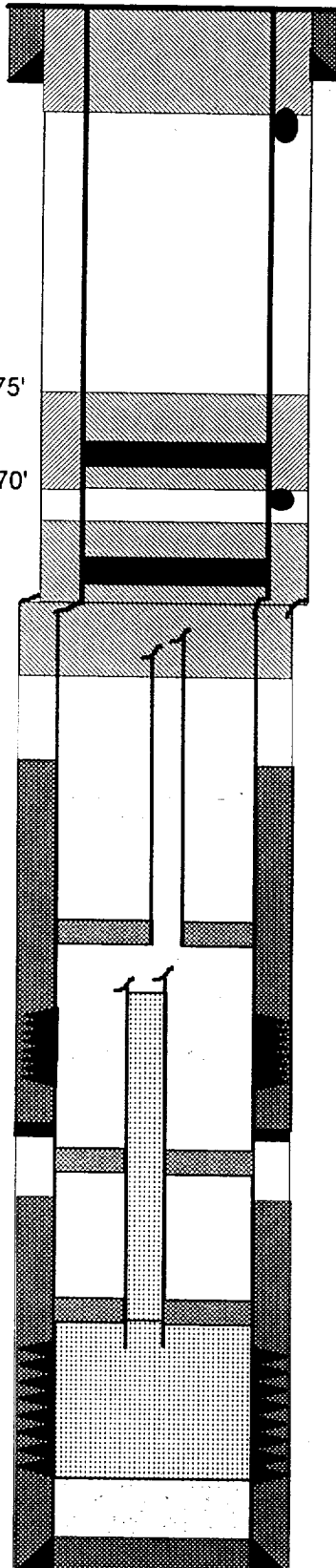
Mesaverde 3635'

Gallup @ 5135'

Dakota @ 6640'

Dakota tubing plugged with
50 sxs cement, June 1967.

Hole 8-3/4"



9-5/8" Csg set @ 193'

Perf @ 243'

Cement Retainer @ 1522'

Perf @ 1570'

Cement Retainer @ 1776'

2" Tubing Fish @ 1891'

Top of Cmt @ 3582'
(T.S)

Model 'G' Pkr @ 4302', set in June 1967

Dk Tubing Cut @ 4345' in June 1967

Mesaverde Perforations:
4445' - 4692'

DV @ 4761'

Model 'N' Pkr @ 4780'

Top of Cmt @ 5023'
(Calc, 75%)

Model 'D' Pkr @ 6611'

Dakota Perforations:
6657' - 6872'

5-1/2" 14, 15.5, 17# @ 6888'

TD 6888'