

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
910' FNL, 1760' FEL, Sec. 25, T-32-N, R-6-W, NMPM

5. Lease Number
SF-079011

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 32-5 Unit

8. Well Name & Number
San Juan 32-5 U #13

9. API Well No.
30-039-07994

10. Field and Pool
Blanco MV/Basin DK

11. County and State
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JAN 24 1996
OIL CON. DIV.
DIST. 3

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

Signed *Debra J. Shapard* (ROS7) Title Regulatory Administrator Date 12/27/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

Debra J. Shapard
REGULATORY ADMINISTRATOR

NMOC

San Juan 32-5 Unit #13 (MV/DK)
NE Sec. 25, T-32-N, R-6-W
Rio Arriba County, New Mexico

Page 1 of 2

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Record wellhead pressures; blow well down (Mesaverde tubing and casing first); kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Pick up 1-1/4" Mesaverde tubing string (176 joints at 5834') and determine free point by stretch. Do same for 2-1/16" Dakota tubing (256 joints at 7812' with Model "D" packer at 7800'). Run wireline gauge rings in each tubing string to determine clearance and wireline TD. Pump water down Dakota tubing to determine if perforations will take fluid and tubing is intact.
4. **Plug #1 (Dakota perforations, 8042' - 7700')**: Mix and pump 50 sx Class B cement down 2-1/16" Dakota tubing, displace with water to 7700'. WOC. PU tubing gauge ring and RIH; tag cement. Pressure test tubing to 500#.
5. **Plug #2 (Gallup top, 6800' - 6580')**: Perforate 2 or 3 squeeze holes in 2-1/16" tubing at 6800'. Establish rate into squeeze holes. Mix and pump 30 sx Class B cement from 6800' to 6580' in 5-1/2" casing over Gallup top, displace to 6500' in tubing. WOC. PU tubing gauge ring and RIH; tag cement. Pressure test tubing to 500#.
6. Pick up on 1-1/4" Mesaverde tubing and attempt to work free. If unable to work free then jet cut tubing at free point. POH and LD 1-1/4" tubing. Jet cut 2-1/16" Dakota tubing at 5856'. Attempt to work 2-1/16" tubing free. If free, POH and tally 2-1/16" tubing. Visually inspect tubing, if it has heavy scale or is in poor condition then LD and PU 2-3/8" work string. If able to pull tubing strings then RIH with casing scraper or gauge ring to 5450'.
7. **Plug #3 (Mesaverde perforations, 5856' - 5400')**: PU 5-1/2" cement retainer and RIH; set at 5450'. Pressure test tubing to 1000# and casing to 500#. Mix 101 sx Class B cement, squeeze 90 sx under retainer and spot 11 sx above retainer inside casing over Mesaverde top. POH and LD setting tool. If tubing is stuck, then mix and pump 101 sx down 2-1/16" tubing from 5856' to 5400' over Mesaverde perforations. WOC. PU tubing gauge ring and RIH; tag cement. Pressure test tubing to 500#. Determine free point by stretch and jet cut 2-1/16" tubing. Work free and POH with tubing. Set a 100' plug on the tubing stub. Run casing scraper or gauge ring to 3150'. Pressure test casing to 500#.
8. **Plug #4 (Pictured Cliffs and Fruitland tops, 3203' - 2863')**: Perforate 3 or 4 squeeze holes at 3203'. Attempt to establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 3153'. Pressure test casing to 500#. Establish rate into squeeze holes. Mix and pump 142 sx Class B cement, squeeze 99 sx cement outside casing from 3203' to 2863' and leave 43 sx inside casing to cover Fruitland top. POH and LD setting tool.

San Juan 32-5 Unit #13 (MV/DK)
NE Sec. 25, T-32-N, R-6-W
Rio Arriba County, New Mexico

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9. **Plug #5 (Kirtland and Ojo Alamo tops, 2590' - 2312'):** Perforate 3 or 4 squeeze holes at 2590'. Attempt to establish rate into squeeze holes if casing tested. PU 5-1/2" cement and RIH; set at 2540'. Pressure test casing. Mix and pump 118 sx Class B cement, squeeze 82 sx cement outside casing from 2590' to 2312' and leave 36 sx inside casing to cover Ojo Alamo top. POH and LD setting tool.
10. **Plug #6 (Nacimiento top, 1405' - 1305'):** Perforate 3 or 4 squeeze holes at 1405'. Attempt to establish rate into squeeze holes if casing tested. PU 5-1/2" cement and RIH; set at 1355'. Pressure test casing. Mix and pump 46 sx Class B cement, squeeze 29 sx cement outside casing from 1405' to 1305' and leave 17 sx inside casing to cover Nacimiento top. POH and tubing and LD setting tool.
11. **Plug #6 (Surface, 664' - Surface):** Perforate 3 or 4 holes at 664'. Establish circulation out bradenhead valve. Mix approximately 182 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
12. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors.
13. Restore location per BLM stipulations.

Recommended:


Operations Engineer

Approval:

Production Superintendent

San Juan 32-5 Unit #13

CURRENT

Blanco Mesa Verde / Basin Dakota Dual

NE Section 25, T-32-N, R-6-W, Rio Arriba County, NM

Today's Date: 11/29/95

Spud: 9/2/60

Completed : 11/14/60

Nacimiento @ 1355'

Ojo Alamo @ 2362'

Kirtland @ 2540'

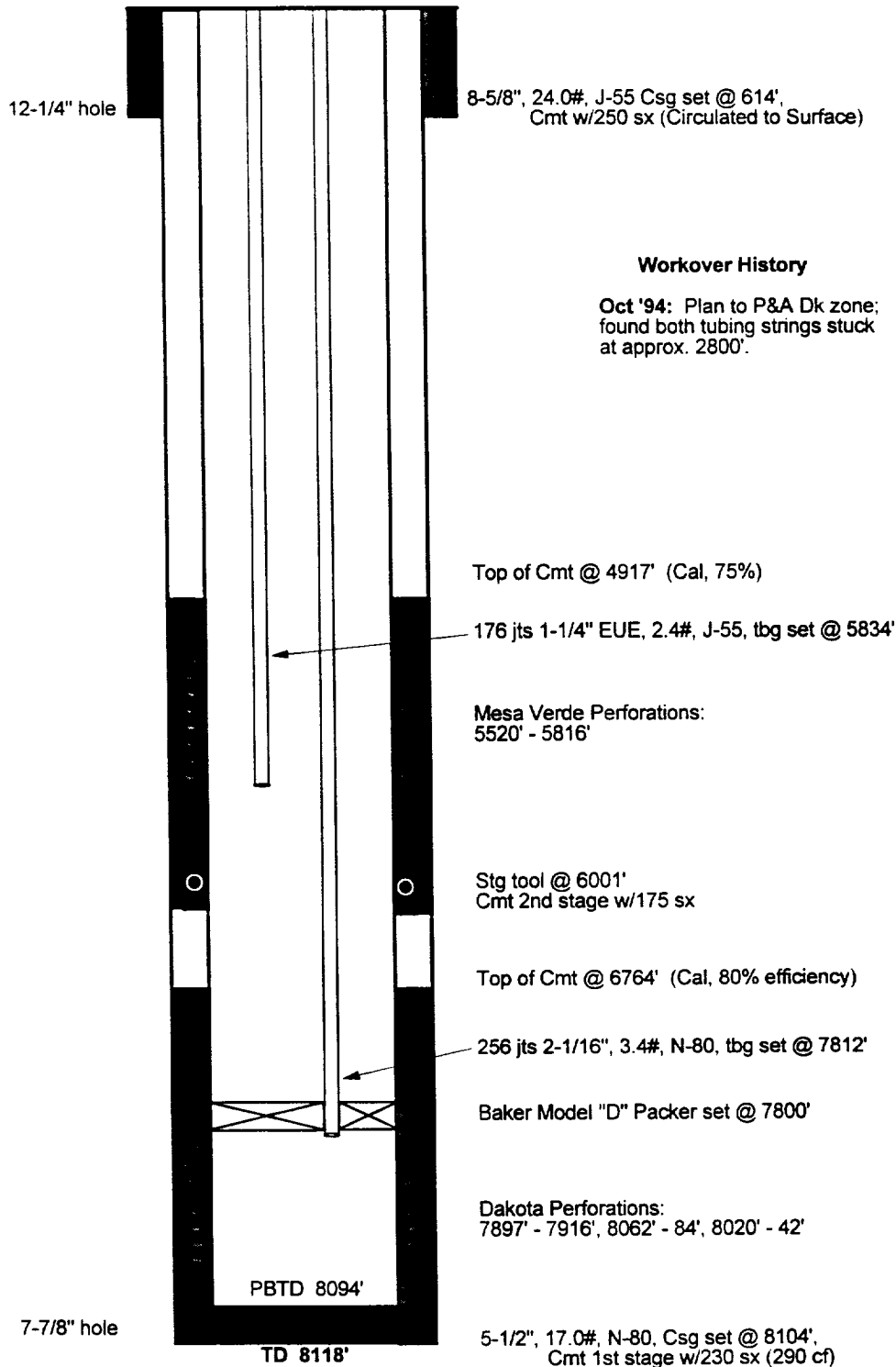
Fruitland @ 2913'

Pictured Cliffs @ 3153'

Mesa Verde @ 5450'

Gallup @ 6630'

Dakota @ 7893'



San Juan 32-5 Unit #13

Proposed P & A

Blanco Mesa Verde / Basin Dakota Dual

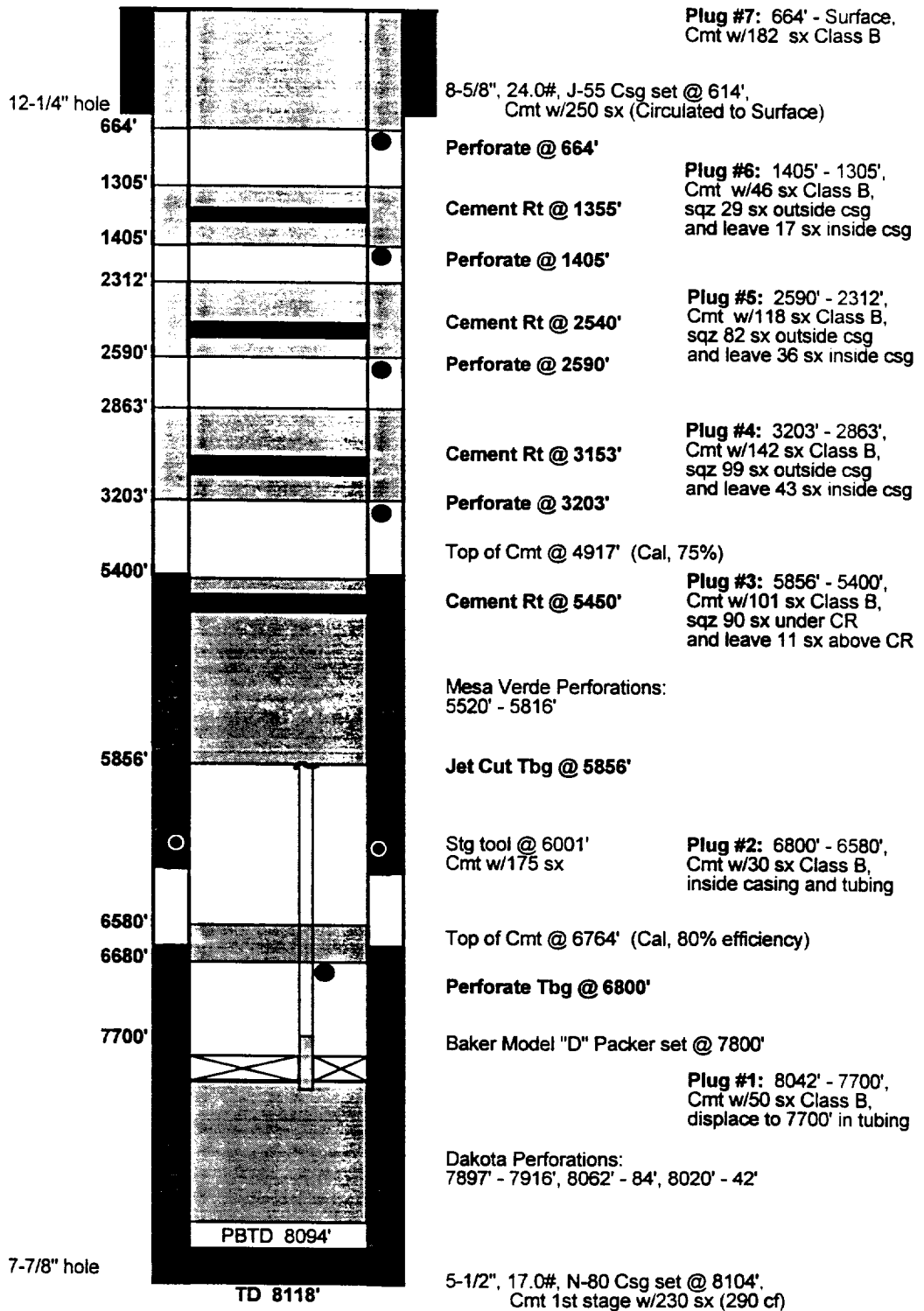
NE Section 25, T-32-N, R-6-W, Rio Arriba County, NM

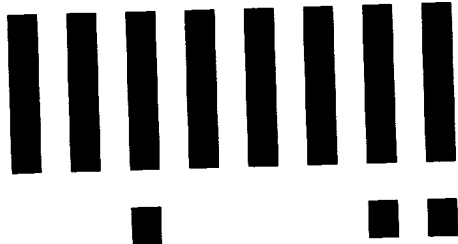
Todays Date: 11/29/95

Spud: 9/2/60

Completed: 11/14/60

Plug #7: 664' - Surface,
Cmt w/182 sx Class B





LTR



Job separation sheet

submitted in lieu of Form 3160-5

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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JUL 26 PM 1:03

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13. Describe Proposed or Completed Operations

5-30-96 MIRU. ND WH. TIH into Dakota tbg to 3049'. Pump 50 bbl wtr down Dakota tbg, establish circ out csg. TOOH. NU WH. SDON.

5-31-96 ND WH. TIH into Mesaverde tbg to 3060'. TOOH. TIH into Mesaverde tbg w/chemical cutter. Cut Mesaverde tbg @ 2952'. TOOH. TIH into Dakota tbg w/chemical cutter. Cut Dakota tbg @ 3036'. TOOH. NU BOP. TOOH w/89 jts 1 1/4" Mesverde tbg. TOOH w/99 jts 2 1/16" Dakota tbg. SD for weekend.

6-3-96 TIH w/fishing tools. Unable to catch fish. Blow well & CO. (Verbal approval to cut tbg @ 2927' from Ron Snow, BLM). TOOH w/fishing tools. SDON.

6-4-96 TIH to 1196'. TOOH. TIH to 2927'. Establish circ out csg w/5 bbl wtr. (Verbal approval to change plans from Ron Snow, BLM). Plug #1: pump 50 sx Class "B" cmt inside csg @ 2475-2927'. TOOH to 1987'. WOC. SDON.

6-5-96 TIH, tag TOC @ 2466'. Attempt to circ hole w/23 bbl wtr. Pump 1.5 bbl wtr down bradenhead, establish circ out WH. PT to 1000 psi, bled off to 800 psi in 10 min. (Verbal approval to change plans from Ron Snow, BLM). TOOH. Circ hole clean w/56 bbl wtr. TIH, perf 4 sqz holes @ 2430'. TOOH. Establish injection. Plug #2: attempt inside/outside sqz @ 2222-2430' w/52 sx Class "B" cmt. Sqz to 1000 psi. SDON.

6-6-96 TIH, tag TOC @ 1980'. Load hole w/4 bbl wtr. Attempt to PT csg, failed. (Verbal approval to change plans from Ron Snow, BLM). SDON.

Continued on back

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

Signed [Signature] Title Regulatory Administrator Date 6/24/96

(This space for Federal or State Office use)
APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date 11/1/996

[Signature]

NMOCD

- 6-7-96 TIH, perf 4 sqz holes @ 1960'. TOOH. Roll hole w/52 bbl 8.8# mud. Plug #3: pump 84 sx Class "B" cmt inside csg @ 1201-1960'. TOOH to 817'. Load hole w/mud. Sqz 73 Class "B" cmt outside csg w/15.3 bbl mud. Sqz to 750 psi. WOC. TIH, tag TOC @ 1508'. Load csg w/wtr. PT csg to 500 psi/5 min, OK. TOOH. TIH w/5 1/2" gauge ring to 1050'. TOOH. SD for weekend.
- 6-10-96 TIH. Perf 3 sqz holes @ 970'. TOOH. Load hole w/4 bbl wtr. Establish injection TIH w/5 1/2" cmt retainer, set @ 943'. Establish injection. Plug #4: pump 18 sx Class "B" cmt below cmt retainer, pump 14 sx Class "B" cmt above cmt retainer, TOC @ 816'. TOOH. Load hole w/2 bbl wtr. PT csg to 500 psi/5 min, OK. TIH. Perf 3 sqz holes @ 664'. TOOH. Establish circ down csg & out bradenhead w/2 bbl wtr. Plug #5: pump 186 sx Class "B" cmt down csg & out bradenhead. Circ 1 bbl cmt to surface. WOC. ND BOP. Cut off WH. Install dry hole marker w/15 sx Class "B" cmt. RD. Rig released. Well plugged and abandoned 6-10-96.