

Submit 3 Copies To Appropriate District Office  
District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-045-08710
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name S.D. Sunical
8. Well Number #10 Dk
9. OGRID Number 006640
10. Pool name or Wildcat Basin Dakota

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 ☐ Gas Well ☒ Other

2. Name of Operator

E.L. Fundingsland

3. Address of Operator

P.O. Box 1157, Littleton, Co 80160-1157

4. Well Location

Unit Letter "L"; 1,780' feet from the South line and 900' feet from the West line

Section 3 Township 29N Range 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5,494' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type BGT Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. 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 ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Csg

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

E.L. Fundingsland proposes to plug and abandon this well as per attached procedure and well bore schematic.

All fluids will be contained in steel pits or tanks.

RCVD NOV 9 '07

OIL CONS. DIV.

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE John S. Steuble TITLE Agent DATE 11/07/07

Type or print name

E-mail address:

Telephone No. 303-893-0933

John Steuble

JohnS@McElvain.com

For State Use Only

APPROVED BY: H. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE 11/16/2007

Conditions of Approval (if any):

Give OCD 24hr notice to witness. Notify City of Farmington.

## PLUG AND ABANDONMENT PROCEDURE

October 9, 2007

### S.D. Sunical #10

1780' FSL and 900' FL, Section 3, T29N, R13W  
San Juan County, New Mexico, API 30-045-08710

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

Project will require a Pit Permit (C103) from the NMOCD.

1. Install and test rig anchors. Comply with all NMOCD, BLM and McElvain safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH with 2.375" tubing, total 6080'. Visually inspect tubing and if necessary use a workstring. Round trip a 4.5" casing scraper to 5920'.
3. **Plug #1 (Dakota perforations and top, 5900' – 5800')**: TIH and set a 4.5" CR at 5900'. Load the casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 15 sxs Type III cement and spot a balanced plug inside casing to isolate the Dakota perforations. TOH with tubing.
4. **Plug #2 (Gallup top, 5142' – 5042')**: Perforate 3 squeeze holes at 5142'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 5092'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the 4.5" casing and leave 11 sxs inside the casing to cover the Gallup top. TOH with tubing.
5. Rig up a wireline unit and run a CBL to determine the top of cement above the DV tool at 4750'. Modify the following plugs as appropriate.
6. **Plug #3 (Mesaverde top, 2942' – 2842')**: Perforate 3 squeeze holes at 2942'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 2892'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the 4.5" casing and leave 11 sxs inside the casing to cover the Mesaverde top. TOH with tubing.
7. **Plug #4a (Pictured Cliffs, Fruitland and Surface casing shoe, 4.5" x open hole annulus, 1550' – Surface)**: Perforate 3 squeeze holes at 1550'. Attempt to establish rate into squeeze holes if the casing pressure tested. Pump red dye to determine annular volume. Set 4.5" cement retainer at 1530'. Establish rate into squeeze holes. Mix and pump 500 sxs Type III cement, leave 2 sxs below CR and squeeze approximately 500 sxs outside 4.5" casing from 1550' to surface, circulate good cement out bradenhead annulus. Sting out of CR and circulate well clean. If unable to establish circulation to surface, then perforate the 4.5" casing at 900'. Set CR and block squeeze.

8. **Plug #4b (Pictured Cliffs and Fruitland tops inside casing, 1530' – 938')**: Mix and pump 44 sxs Type III cement inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 500'.
9. If no cement circulated to surface then run Temperature Survey 8-12 hours after cementing.
10. **Plug #5 (8.625" casing shoe and surface inside casing, 500' – Surface)**: Mix approximately 40 sxs Type III cement and spot a balanced plug from 500' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. Note: If cement did not circulate to surface and Temperature Survey was run then modify Plug #5 as appropriate based on results of the Temperature Survey log.
11. ND BOP and cut off wellhead below surface casing flange. Top off cement in casing and annulus as appropriate and install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

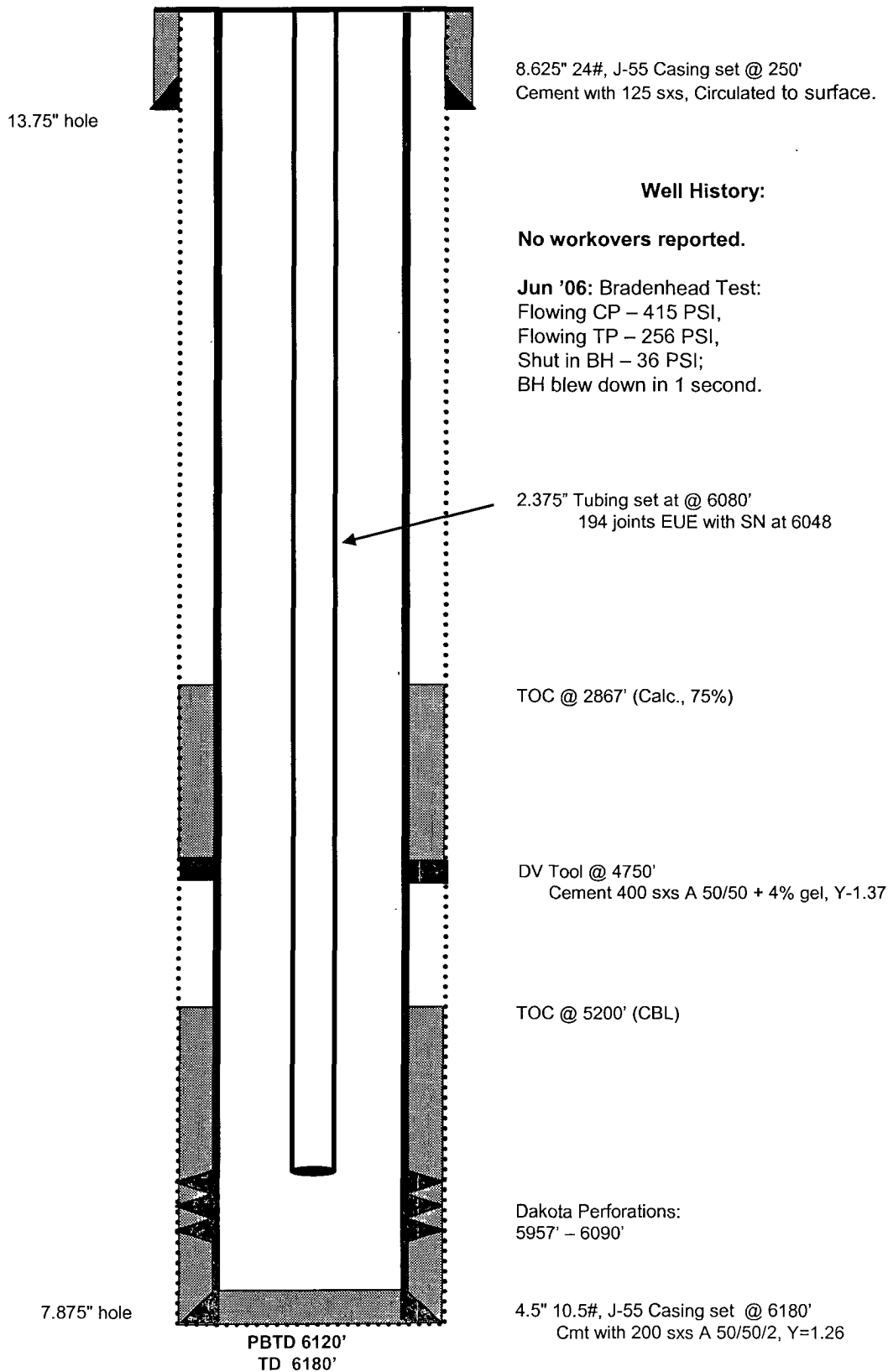
*State*

# S.D. Sunical #10

**Current**  
Basin Dakota

1780' FSL & 900' FWL, Section 3, T-29-N, R-13-W  
San Juan County, NM, API #30-045-08710

Today's Date: 3/26/07  
Spud: 10/23/64  
Completed: 11/20/64  
Elevation: 5494' GL  
5508' KB



# S.D. Sunical #10

## Proposed P&A

Basin Dakota

1780' FSL & 900' FWL, Section 3, T-29-N, R-13-W  
San Juan County, NM, API #30-045-08710

Today's Date: 10/9/07  
Spud: 10/23/64  
Completed: 11/20/64  
Elevation: 5494' GL  
5508' KB

13.75" hole

Fruitland @ 968'

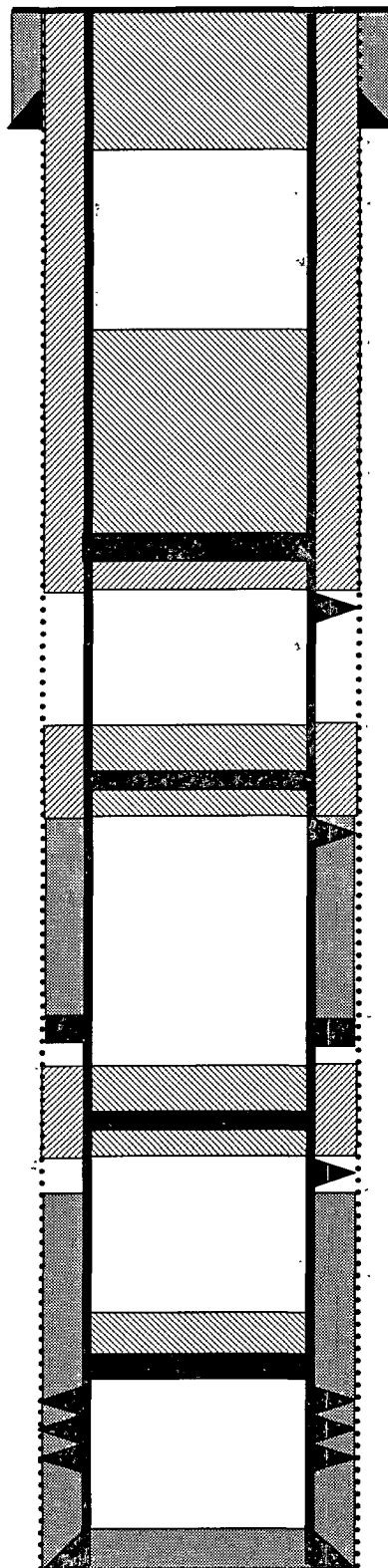
Pictured Cliffs @ 1380'

Mesaverde @ 2892'

Gallup @ 5092'

Dakota @ 5954'

7.875" hole



PBTD 6120'  
TD 6180'

8.625" 24#, J-55 Casing set @ 250'  
Cement with 125 sxs, Circulated to surface.

**Plug #5: 500' – Surface**  
Type III cement, 40 sxs  
Inside 4.5" casing

**Plug #4b: 1530' – 938**  
Type III cement, 44 sxs  
inside 4.5" casing

Set CR @ 1530'

Perforate @ 1550'

**Plug #4a: 1550' – Surface**  
Type III cement, appx 500  
sxs, 2 sxs below CR and app  
500 sxs outside 4.5" casing

Cmt Ret @ 2892'

TOC @ 2867' (Calc., 75%)

Perforate @ 2942'

**Plug #3: 2942' – 2842'**  
Type III cement, 46 sxs:  
35 outside and 11 inside

DV Tool @ 4750'  
Cement 400 sxs A 50/50 + 4% gel, Y=1.37

Cmt Ret @ 5092'

Perforate @ 5142'

TOC @ 5200' (CBL)

**Plug #2: 5142' – 5042'**  
Type III cement, 46 sxs:  
35 sxs outside casing and  
11 sxs inside.

Set CR @ 5900'

**Plug #1: 5900' – 5800'**  
Type III cement, 15 sxs

Dakota Perforations:  
5957' – 6090'

4.5" 10.5#, J-55 Casing set @ 6180'  
Cmt with 200 sxs A 50/50/2, Y=1.12

**DESIGNATION OF AGENT**

The undersigned is, on the records of the New Mexico Oil Conservation Division ("NMOCD"), Operator of the Sunical #10 D, API # 30-045-08710 (the "Well"), located in San Juan County, New Mexico and hereby designates:

*Name:* McElvain Oil & Gas Properties, Inc.  
*Address:* 1050 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80265-1801

as its agent, with full authority to act on its behalf in complying with the terms of the NMOCD rules and regulations applicable thereto with respect to plugging and abandonment of the Well.

It is understood that this Designation of Agent does not relieve Operator of responsibility for compliance with the terms of any leases or agreements related to the Well or the oil and gas operating regulations.

In case of default on the part of the designated agent, the Operator will make full and prompt compliance with all regulations, lease terms, or orders of the applicable governmental authorities.

This designation is given only to enable the agent herein designated to plug and abandon the Well. Unless sooner terminated, this designation shall terminate when the designated agent receives from the NMOCD an accepted and approved plugging and abandonment Sundry Notice for the Well.

EXECUTED this 5<sup>th</sup> day of November, 2007.

***E.L. Fundingsland, Jr.,*** Operator

BY: *E.L. Fundingsland, Jr.*

**RECEIVED**

**NOV - 7 2007**

**McELVAIN OIL & GAS  
PROPERTIES INC.**