

State of New Mexico  
Energy, Minerals and Natural Resources

RECEIVED

OIL CONSERVATION DIVISION

JUL 02 2009 1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBSUCD

WELL API NO.

30-005-20228

5. Indicate Type of Lease

STATE ☒ FEE ☒

6. State Oil &amp; Gas Lease No.

NM 0174830

7. Lease Name or Unit Agreement Name

Davis Federal Lease

8. Well Number

1

9. OGRID Number

127951

10. Pool name or Wildcat

San Andres Chavero (SA)

## 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

Cambrian Management, Ltd.

3. Address of Operator

PO Box 272, Midland, Tx 79702

4. Well Location

Unit Letter F : 1980 feet from the North line and 1980 feet from the West line  
Section 18 Township 8-S Range 33-E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4447' DR

## 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 ☐  
 DOWNHOLE COMMINGLE ☐

OTHER ☐

## SUBSEQUENT REPORT OF:

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

\* Convert to injection well per  
 Case #14065 order R-12972 ☒

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.

Converted to injection per the attached reports.  
 Performed Mechanical Integrity Test 6-19-09. Chart is attached.  
 Notified Sylvia Dickey prior to performing MIT.

Spud Date

Rig Release Date:

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

SIGNATURE

Denise Jones

TITLE

Regulatory Analyst

DATE

6-30-09

Type or print name

Denise Jones

E-mail address:

djones@cambrianmgmt.

PHONE:

432-620-9181

For State Use Only

APPROVED BY:

Gary W. Hill

TITLE

DISTRICT 1 SUPERVISOR

DATE

JUL 02 2009

Conditions of Approval (if any):

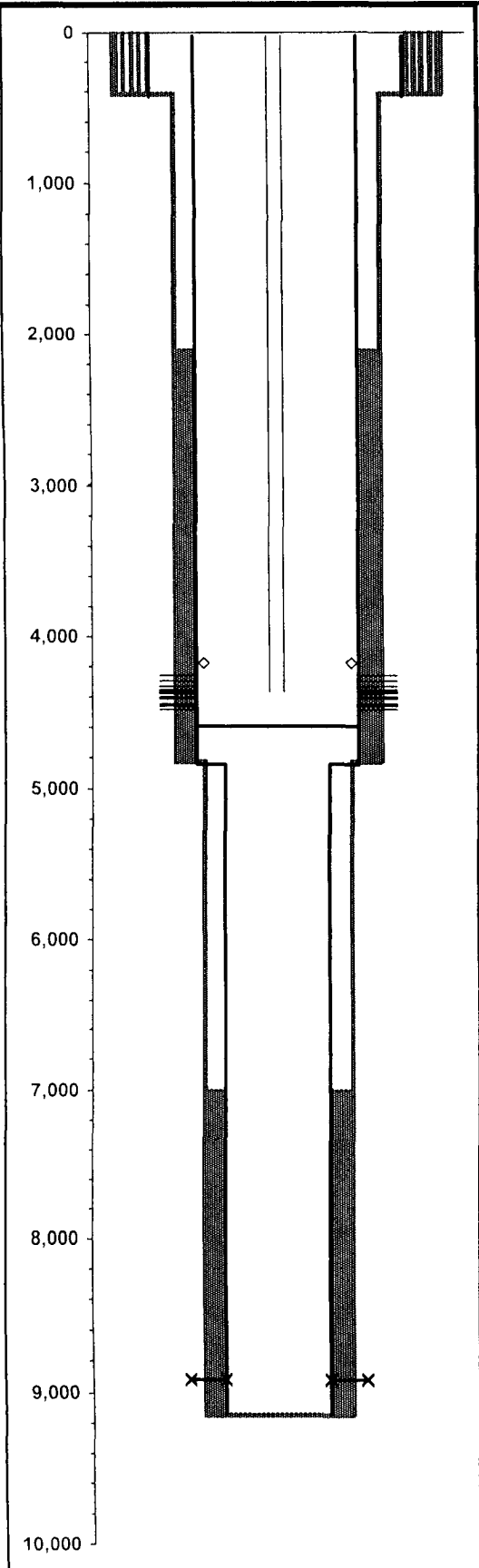
# Wellbore Schematic (From Surface to TD)

Printed: 6/30/2009

Davis N # 1

Cambrian#: 710001

API # 3000520228



|  |            |          |
|--|------------|----------|
| 1980 FNL & 1980 FWL  | GL Elev    | 4,434.00 |
| Sec, Blk, Sur (Lbr, Lge, Sur) or (Sec, Twn, Rng) 18, T-8S R-33E, | Fill Depth |          |
| County, State Chaves, NM   | PBTD       | 9,144.00 |
| Aux ID:  | TD         | 9,150.00 |
| KB = 16, DF = ; All Depths Corr To KB                            | BOP        |          |

## Hole Size

| Diameter | Top At   | Btm At   | Date Drilled |
|----------|----------|----------|--------------|
| 17.5000  | 0.00     | 408.00   |              |
| 11.0000  | 408.00   | 4,820.00 |              |
| 7.8750   | 4,820.00 | 9,150.00 |              |

## Surface Casing

Date Ran:

| Description | # | Diameter | Weight | Grade | Length | Top At | Btm At |
|-------------|---|----------|--------|-------|--------|--------|--------|
| Casing      |   | 13 3/8   | 54.50  |       | 408.00 | 19.00  | 427.00 |

## Production Casing String 1

Date Ran:

| Description  | # | Diameter | Weight | Grade | Length   | Top At   | Btm At   |
|--------------|---|----------|--------|-------|----------|----------|----------|
| Casing       |   | 8 1/2    | 32.00  |       | 4,820.00 | 19.00    | 4,839.00 |
| Liner Hanger |   | 5 5/8    | 17.00  | J55   | 4,305.00 | 4,839.00 | 9,144.00 |

Top of Liner @ 4602'

## Cement

| # Sx | Class | Weight | I D    | O D    | Top At   | Btm At   | TOC Per |
|------|-------|--------|--------|--------|----------|----------|---------|
| 450  | H     |        | 13 3/8 | 17 5/8 | 0.00     | 408.00   | Circ    |
| 750  | TRLW  |        | 8 1/2  | 11.000 | 2,100.00 | 4,820.00 | TS      |
| 400  | TR    |        | 5.500  | 7.875  | 7,000.00 | 9,144.00 | TS      |

## Zone and Perfs

San Andres

## Perforations

| Top      | Bottom   | Formation | Status | Opened     | Closed     | # / Ft | Ttl # |
|----------|----------|-----------|--------|------------|------------|--------|-------|
| 4,261.00 | 4,288.00 |           | A      | 10/28/1975 |            |        |       |
| 4,327.00 | 4,346.00 |           | A      | 10/28/1975 |            |        |       |
| 4,354.00 | 4,357.00 |           | A      | 10/28/1975 |            |        |       |
| 4,367.00 | 4,373.00 |           | A      | 10/28/1975 |            |        |       |
| 4,403.00 | 4,413.00 |           | A      | 10/28/1975 |            |        |       |
| 4,439.00 | 4,461.00 |           | A      | 10/28/1975 |            |        |       |
| 4,474.00 | 4,477.00 |           | A      | 10/28/1975 |            |        |       |
| 8,909.00 | 8,919.00 |           | PA     |            | 10/28/1975 |        |       |

## Wellbore Plugs and Junk

| Top      | Bottom   | Type | Diameter | Solid | Date       |
|----------|----------|------|----------|-------|------------|
| 4,590.00 | 4,597.00 | CIBP | 8 1/2    | Yes   | 10/28/1975 |

## Tubing String 1

Date Ran: 4/22/2009

| Description | #   | Diameter | Weight | Grade | Length   | Top At   | Btm At   |
|-------------|-----|----------|--------|-------|----------|----------|----------|
| Tbg Sect 1  | 140 | 2 3/8    | 4.60   | J55   | 4,337.76 | 18.99    | 4,356.75 |
| Stg Nipple  | 1   | 2 3/8    |        |       | 1.10     | 4,356.75 | 4,357.85 |
| Prf Nipple  | 1   | 2.3750   |        |       | 4.32     | 4,357.85 | 4,362.17 |

**Cambrian**  
**DAILY OPERATIONS REPORT**

**Davis N # 1**

Printed Jun 30, 2009 Page 1 of 2

**Davis N # 1**

Chaves Co., NM

Cambrian#. 710001

Zone: 1 Field: Chaveroo

AFE # 2009-01

**Convert well to injection**

Apr 15, 2009 Wednesday (Day 4/17/2009 7:16:48 AM)

Meeting with Ed & Mike. Drive to location and check site.

Daily Cost: \$958

Cum. Cost: \$958

Apr 16, 2009 Thursday (Day 4/18/2009 7:16:48 AM)

MIRU. KEY UNIT. POOH & LAY DOWN 12' 3/4 PONY RODS. 172 X 3/4 RODS, 3 X 1" k-BARS, 16 X 1- 1/4 TBG PUMP. ND; WELL HEAD. TBG WAS PARTED 1 JT FROM SURFACE. NU; BOP. CALLED OFFICE WELL HAS 5 1/2" HEAD ON IT. WILL DIG OUT WELL HEAD ( 04-17-09 ).

Daily Cost: \$4,562

Cum. Cost: \$5,520

Apr 17, 2009 Friday (Day 4/19/2009 7:16:48 AM)

MIRU: TATUM BACKHOE SERVICE. MOVE ROD STRING. DIG OUT WELL HEAD TO 13 3/8 HEAD. T3 ENERGY SERVICICES TO CHECK DEAD. WILL CHANGE OUT WELL HEAD ( 04-20-09 ). SWI SHUT DOWN FOR WEEK END.

Daily Cost: \$3,078

Cum. Cost: \$8,599

Apr 20, 2009 Monday (Day 4/20/2009 7:16:48 AM)

T 3 DID NOT HAVE RIGHT WELL HEAD. OFF LOAD 14 JTS 2 3/8 TBG TO FISH 2 3/8 TBG. CALL WEATHERFORD FOR FISHING TOOL HAND. WAIT ON FISHING HAND FOR 2 HRS. RU: FISHING TOOLS RUN TOOL IN HOLE ON 9 JTS 2 3/8 TBG TO 287' CATCH TBG PULL UP TO 30,000# TBG CAME FREE. POOH & LAY DOWN 140 JTS 2 3/8 TBG, SN & FISHING TOOLS. TBG WAS ALL BAD. RELEASE WEATHERFORD TOOL HAND SWI SDFN. WILL CHANGE OUT WELL HEAD ( 04-21-09 )

Daily Cost: \$8,261

Cum. Cost: \$16,859

Apr 21, 2009 Tuesday (Day 4/21/2009 7:16:48 AM)

MI & UNLOAD 159 JTS 2 3/8 IPC TBG. LOADUP 139 JTS 2 3/8 BAD TBG AND 172 3/4 ROD. SEND TBG TO CAMBRIAN YARD AND RODS TO PERMIAN ROD. ND: 5 1/2" WELL HEAD NU: 8 5/8" WELL HEAD. ( 4 HRS TO CHANGE OUT WELL HEADS. TALLY IH: W/ 7 7/8" BIT & SCRAPER ON 134 JTS 2 3/8 TBG TO 4300'. POOH & STAND TBG & LAY DOWN BIT & SCRAPER. SWI SDFN

2 3/8 tbg □ 4032.72' □ from Composite Lining  
1025.31' from DGM

Daily Cost: \$26,259

Cum. Cost: \$43,118

**Cambrian**  
**DAILY OPERATIONS REPORT**

**Davis N # 1**

Printed Jun 30, 2009 Page 2 of 2

**Davis N # 1**

Chaves Co., NM

Cambrian#: 710001

Zone: 1 Field: Chaveroo

Apr 22, 2009 Wednesday (Day 4/22/2009 7:16:48 AM)

RIH W/ 8 5/8 ARRWSET PARKER, T-2 ON & OFF TOOL W/ 1.5 F  
PROFILE NIPPLE, 131 JTS 2 3/8 IPC TBG. SET PACKER. MIRU: GANDY KILL TRUCH &  
TRANSPORTS w/ 300 BBLS PACKER FLUID. LOAD & PRESSURE TEST 8 5/8 CSG TO 500  
PSI FOR 15 MIN. BLEED PRESSURE OFF CSG. GET OFF PACKER WITH ON & OFF TOOL  
CIRCULATE WELL WITH PACKER FLUID. ND: BOP NU: WELL HEAD. PUMP PLUG OUT  
OF PACKER. PUMP IN TO FORMATION AT 3 BPM AT 400 PSI. RD & RELEASE GANDY KILL  
& TRANSPORTS

TBG ON LOCATION

28 JTS 2 3/8 IPC TBG

14 JTS 2 3/8 WHITE BAND TBG

5/12/09

Assess facility to see what is needed to install injection pump at Davis N btry and pipe water to well Will begin moving  
equipment within the next two weeks.

Daily Cost: \$25,616

Cum. Cost: \$68,734

Jun 17, 2009 Wednesday (Day 4/23/2009 7:16:48 AM)

Drove to location; looked around to check status of disposal and location of lines,  
determined best procedure for moving pump and making preparations for equipment.  
Directed Megron to get pumps repaired.

Daily Cost: \$800

Cum Cost: \$69,534

Jun 18, 2009 Thursday (Day 4/24/2009 7:16:48 AM)

Drove to location; set National J 30 tri-plex pump, laid 3" poly from the end battery to the  
SWD well. Burried the line where it crossed the road. Spliced the 2" poly to hook up N  
7 to the SWD system.

Daily Cost: \$9,096

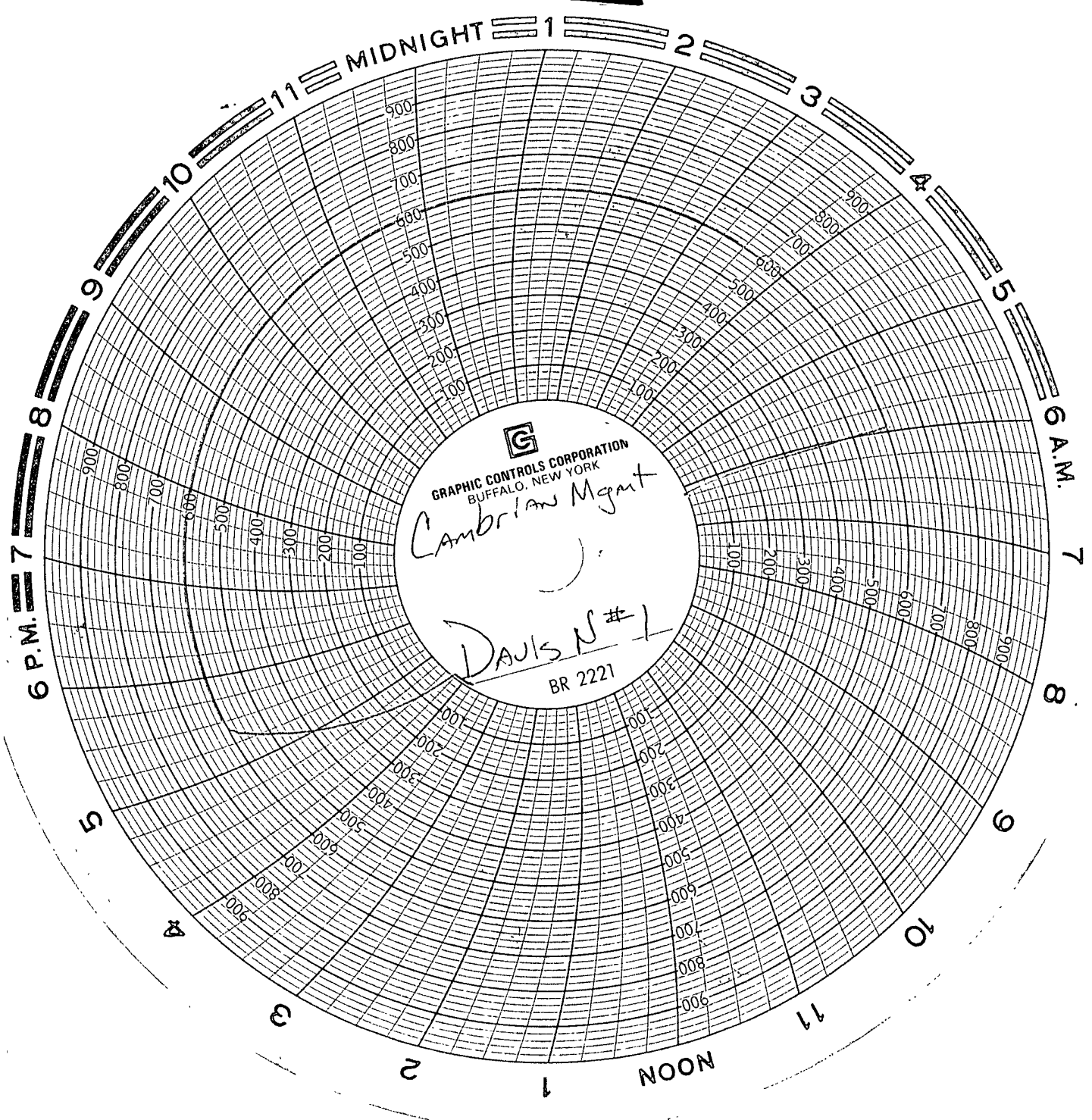
Cum Cost: \$78,630

Jun 19, 2009 Friday (Day 4/25/2009 7:16:48 AM)

Drove to location. Relaced the valves Davis N 7, cleaned fiberglass tank from the  
Davis N battery and move to the Davis N 1 SWD. Made poly connections on the  
fiberglass tank, hooked the tank to the tri-plex pump, hooked the tri-plex to the well with  
3 jts of IPC- J55 tubing with high pressure hoses on each end  
Replaced back pressure valve on the heater treater on the Davis N battery. Ran a 600'  
MIT test with chart by Danny's Hot Oil Service. Prepared to run electricity to SWD pump.  
Haarmyeyer Electric will be doing the electrical work on 6/23/09.

Daily Cost: \$9,526

Cum. Cost: \$88,156



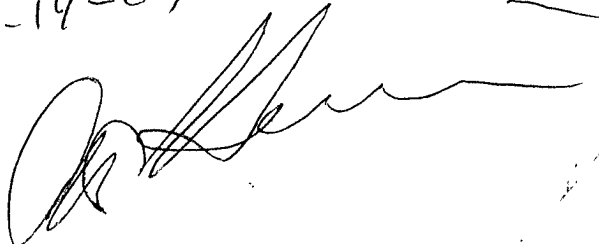
Wayne  
Dannys Hot Oil

600# ~~TUBING~~ SEI  
0# TUBING

CAMBRIAN MAR LTD

DAVIS #1

6-19-09

A large, stylized handwritten signature in black ink, appearing to be 'A. L. ...'.