

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

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. 30-015-22320
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator ROCKCLIFF OPERATING NEW MEXICO LLC		6. State Oil & Gas Lease No. 316160
3. Address of Operator 1301 MCKINNEY; SUITE 1300; HOUSTON, TEXAS 77010		7. Lease Name or Unit Agreement Name SOUTH CULEBRA BLUFF UNIT
4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>N</u> line and <u>1650</u> feet from the <u>E</u> line Section <u>23</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2995'		9. OGRID Number <u>371115</u> 10. Pool name or Wildcat SWD; ATOKA <u>96169</u>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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

07/31/17 - RIH & PERF 3475-3476

08/10/17 - SET CMT RET @ 8644.

08/12/17 - M&P 100 CL H CMT. WOC. RIH W 7" CBP. SET @ 3560'. M&P 185SX 50/50 CMT FOLLOWED BY 200 SX CL C CMT.

08/14/17 - TAG TOC @ 3422. D/O CMT AND CBP

08/15/17 - D/O CMT RET @ 8644

08/17-08/26/17 - BURN OVER CIBP @ 9500'. BEGIN FISHING OPS.

08/29-09/13/17 - BURN OVER PKR @ 11728. FISHING OPS.

09/14/17 - PERFORM RESIN SQUEEZE

09/16/17 - TAG TOP OF RESIN @ 8562' (182' ABOVE EXISTING PERFS). MILL OUT RESIN.

09/18-09/20/17 - CONT MILLING OUT RESIN. MILL RESIN TO 8820'. TEST SQZ'D PERFS @ 8244'-8805' FOR 30 MIN. TEST GOOD. CONT TO MILL RESIN TO CBP @ 8840' CHASED CBP TO 8899. MILL SAME.

09/24/17 - RUN CBL. RDMO

11/04/17 - RIH WITH 3-1/2' TBG & PKR ASSY. SET SAME @ 11707'.

11/06/17 - PERFORM MIT. TEST FOR 30 MIN. TEST GOOD, TEST WITNESSED BY C. MESSER @ BLM.

C105 STILL REQUIRED

Accepted for record
NMOCD RE
11/16/17

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 Jamie A. Robinson TITLE SR. REGULATORY
ANALYST DATE 11/13/17

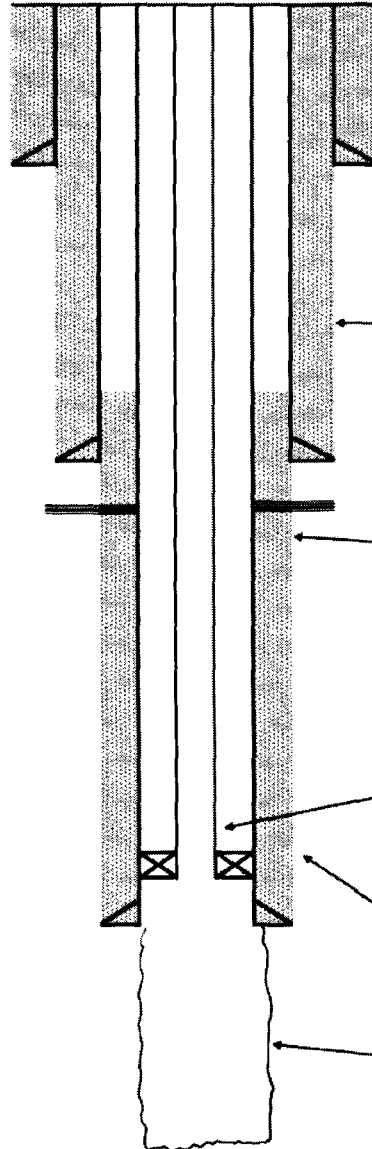
Type or print name JAMIE A. ROBINSON E-mail address: JROBINSON@ROCKCLIFFENERGY.COM PHONE: 713.351.0534
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____



SCB #1 RE
Eddy County, New Mexico
Loving East - 30-015-22320
1980' FNL & 1650' FEL Sec 23-23S-28E
Actual SWD Conversion - 10/2017

20" conductor @ 34'



SHL: 1980' FNL & 1650' FEL Sec 23-23S-28E
BHL:
GL elev: 2995.5'
KB elev: 3017'
KB: 215'

17 1/2" Hole 0'-418'
Surf Casing 13 3/8" 0'-418'
CMT 500 sx Class "C" plus 2% CACL C circulated 160 sx to surface

12 1/4" Hole 0'-6355'
Int Casing 9 5/8" 36# K55 (3437') 40# K55 (6355') 0'-6355'
CMT 1st stage 765 sx HES lite w/1/4# Floccel and 300 sx class "C"
neat Open DV tool @ 2875' 2nd stage 1540 sx HES lite w/1/4#
Floccel, 3# Gilsontite, 8# salt per sx, tail w/100 sx class "C" neat
No cement to surface 1" top job 30 sx class "C" neat

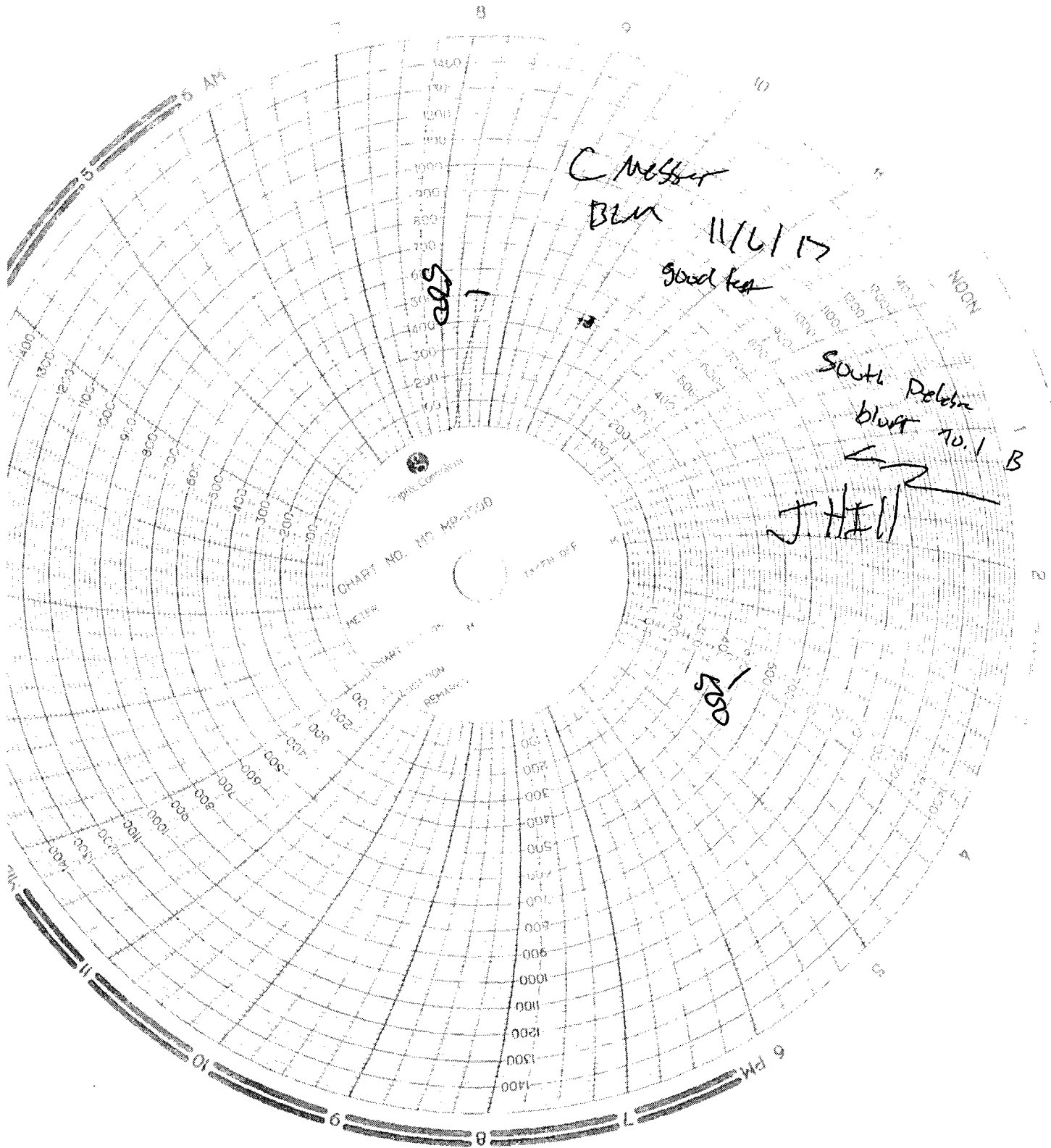
8 3/4" Hole 0'-11,879'
Casing 7" casing part found at 3237' Casing pulled and replaced (7/29/17)
7" 23# K55 (3,237') 26# K55 (5,018') DV tool
6,605', 23# 595 (6,605') 23# 595 (8,434') 26# 595 (11,743') 0'-11,745'
CMT 1st stage 900 sx TLW w/additives and 200 sx class "H"
w/additives Open DV tool with no returns and squeeze
with 505 sx Class H
CBL ran 11,640'-5,500' with satisfactory bond No TOC noted
Additional SLB CBL run from 11,600' to surface (9/24/17)
Squeeze Perforations 3475' - 3476', 4 SPR @ 180 Deg Phasing
Squeezed w/ 185sk (798BL) 50/50 Class C lead & 200sk (478BL) Class C tail (8/12/17)

Production Tubing:
3 1/2" 9.3# L80 8rd Internally Coated EUE Tubing 0'-11,707'
7" X 3 1/2" ASIX 10K Packer set at 11,707'

2nd Bone Springs Perfs:
8744'-8748', 8756'-8770', 8785'-8791', 8798'-8805', 2 spf 90° phase
CIBP @ 9,500' with 20' of cement (5/2005) Drilled out (8/2017)
Squeezed with 100sks (18 98BL) Class H Cement (08/12/2017)
Squeezed with 1.5 8BL Halliburton resin (09/14/2017)

Original well was sidetracked at 11,383' (9/20/1978)
Sidetrack hole TD @ 11,879'
6 1/8" hole, 11,745'-11,879' (134')

Note: This schematic is not to scale. For display purposes only.



C. Messer

BLK

11/6/17

good for

South Pelican
bluff to 1 B

J. Hill

100

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ROCKCLIFF OPERATING NEW METHOD LLC

SOUTH CULBRA BLUFF UNIT 1
(30-05-22320)

SND

