

Submit 1 Copy To Appropriate District Office
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

Form C-103
Revised July 18, 2013

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

WELL API NO.
30-005-21083

5. Indicate Type of Lease
STATE ☒ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Caudill

8. Well Number #2

9. OGRID Number
149441

10. Pool name or Wildcat
Caprock, Queen

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK OR 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
Reliance Energy

3. Address of Operator
500 W. Illinois, Suite 1700, Midland, TX 79701

4. Well Location
Unit Letter C : 330 feet from the N line and 750 feet from the W line
Section 34 Township 13S Range 31E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4267' GR

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

1. Set 4 1/2" CIBP @ 2767'. Circulate hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 2767-2417'. WOC & Tag.
2. Spot 25 sx cmt @ 2300-1950'. WOC & Tag (Queen)
3. Perf & Sqz 25 sx cmt @ 1871-1771'. (B/Salt)
4. Perf & Sqz 25 sx cmt @ 1250-1000'. WOC & Tag (T/Salt)
5. Perf & Sqz 70 sx cmt @ 468' to surface. (8 5/8" Shoe)
6. Cut off well head, verify cmt to surface, weld on Below Ground Dry Hole Marker.

Send pics of Wellhead (cmt) and marker
before Backfill

RECEIVED

MAR 25 2019

DISTRICT II-ARTESIA O.C.I

Spud Date:

Rig Release Date:

See Attached
Conditions of Approval

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

SIGNATURE Abigail Anderson TITLE Agent DATE 03-22-2019
Type or print name Abigail Anderson E-mail address: abbym@bemandassociates.com PHONE: 432-580-7161
For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 3-26-19
Conditions of Approval (if any):

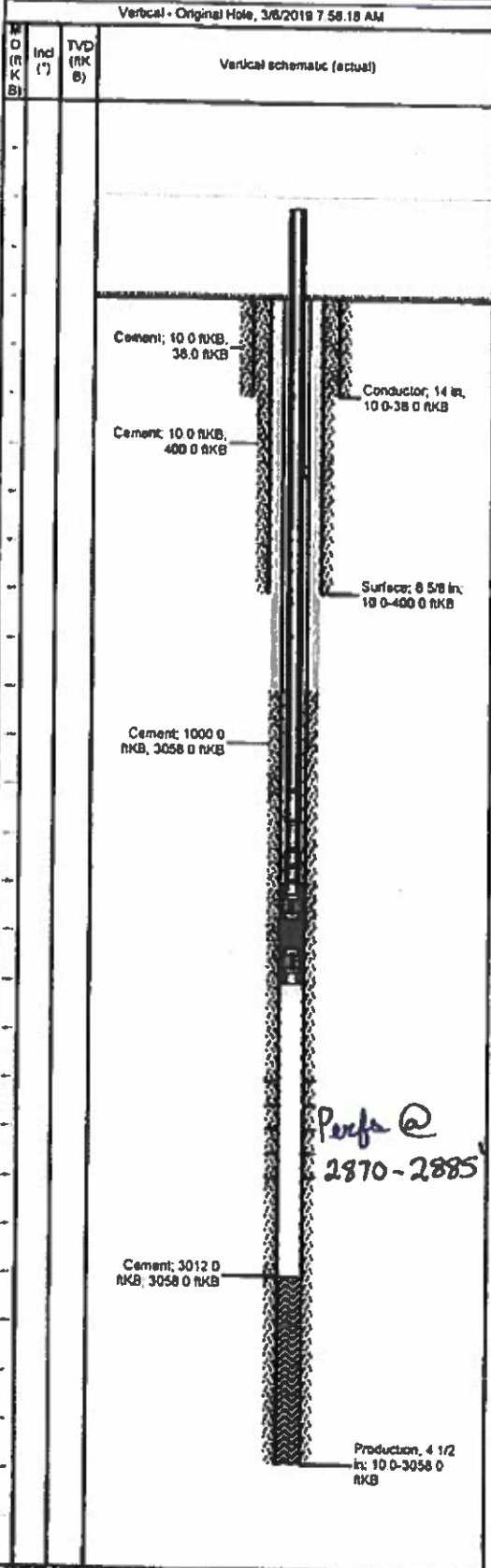
WellView

Casing, Liner and Cement report

Well Name: Caudill 1

Production

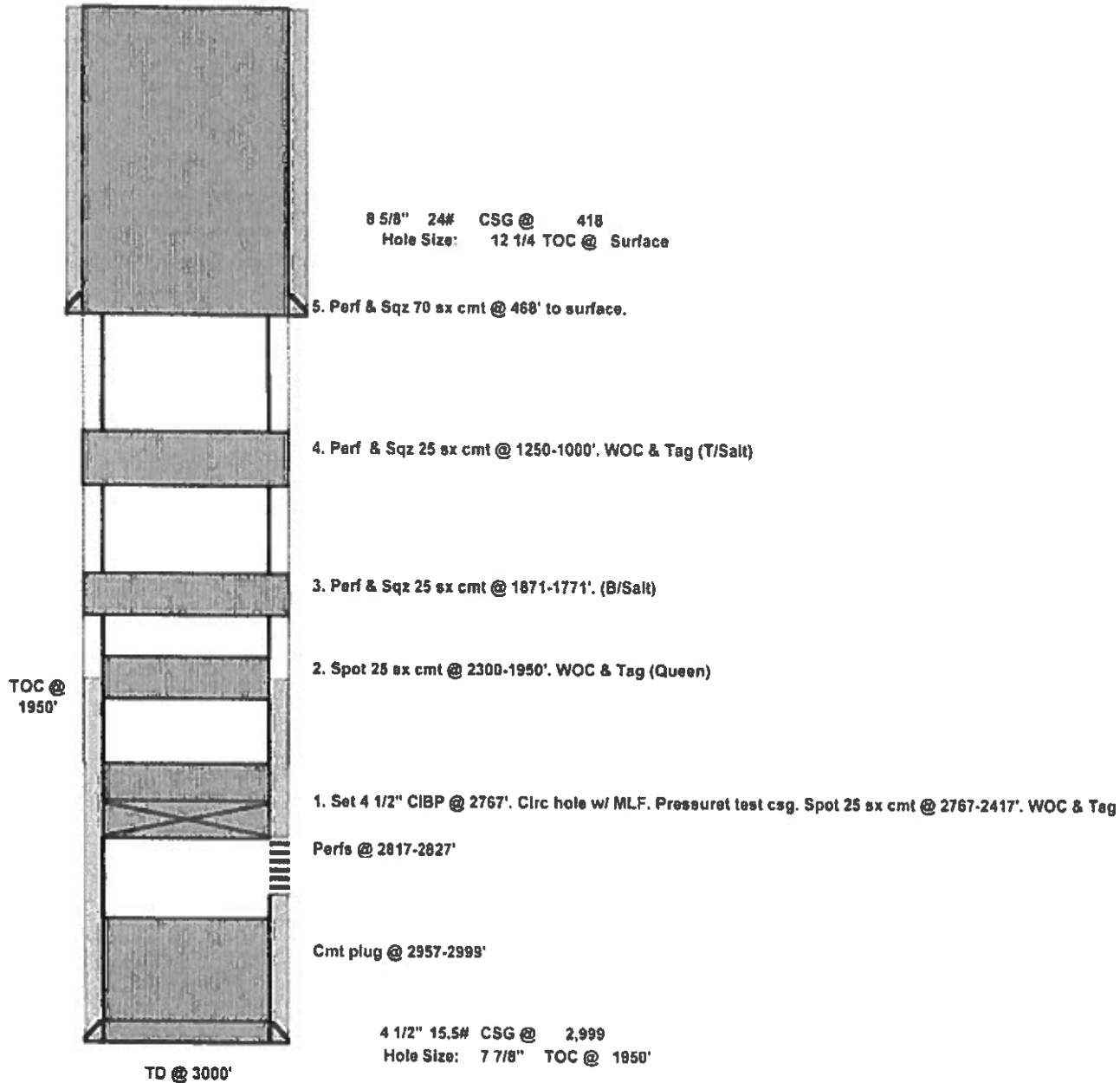
APV/UWI 30-005-21060	Surface Legal Location Sec 34 13S 31E	Field Name Caprock Queen	Commission No. 017847-001	State New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 4,267.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	Spud Date 10/17/1986 00 00	Rig Release Date



Wellbore		Wellbore Name Original Hole		Profile Type		Vertical Section Direction (°)	
Section Des		Size (in)		Act Top (RKB)		Act Btm (RKB)	
Conductor		17 1/2		10.0		38.0	
Surface		12 1/4		38.0		400.0	
Production		7 7/8		400.0		3,058.0	
Kick Offs & Key Depths							
Type		Top Depth (RKB)		Depth Top (TVD) (RKB)			
Wellhead							
Type R 6" x 900							
Des		Make		Model		SN	
						WP Top (psi)	
Last Mud Check							
Date	Type	Depth (RKB)	Dens (lb/gal)	Vs (slt)	Gal (10s) (bbl/100ft)	Gal (10m) (bbl/100ft)	PV OR (cP)
							VF OR (bbl/100ft)
Casing							
Casing Description Production				Run Date		Set Depth (RKB) 3058.0	
Centralizers				Wellbore Original Hole			
Scratchers							
Jts	Item Des	OD (in)	ID (in)	WT (lb/ft)	Grade	Len (ft)	Top (RKB)
1	Casing Joints	4 1/2	4.05	10.50	J-55	3,047.00	10.0
1	Float Shoe	4 1/2	4.05	10.50	J-55	1.00	3,058.0
Cement: <Description?>							
Cementing Start Date		Cementing End Date		Wellbore Original Hole			
Evaluation Method		Cement Evaluation Results					
Comment							
Cement Stage: <Description?>							
Top Depth (RKB) 1,000.0		Bottom Depth (RKB) 3,058.0		Full Return? No		Vol Ceme No	
Q Pump Init (bbl/min)		Q Pump Final (bbl/min)		Avg Pump Rate (bbl/min)		Final Pump Pressure (psi)	
Pipe Reciprocated? No		Stroke (ft)		Reciprocation Rate (spm)		Pipe Rotated? No	
Tagged Depth (RKB)		Tag Method		Depth Plug Drilled Out T		Drill Out Diameter (in)	
						Drill Out Date	
Cement Fluid: <Description?>							
Fluid Type		Fluid Description				Amount (s)	
Estimated Top (RKB)		Est Btm (RKB)		Yield (lb/ft³)		Water Req'd (gal/ft³)	
Density (lb/gal)		Plastic Viscosity (cP)		Thickening Time (hr)		1st Compressive Strength (psi)	
Cement Fluid Additives							
Add		Type		Conc			
Cement: <Description?>							
Cementing Start Date		Cementing End Date		Wellbore Original Hole			
Evaluation Method		Cement Evaluation Results					
Comment							
Cement Stage: <Description?>							
Top Depth (RKB) 3,012.0		Bottom Depth (RKB) 3,058.0		Full Return? No		Vol Ceme No	
Q Pump Init (bbl/min)		Q Pump Final (bbl/min)		Avg Pump Rate (bbl/min)		Final Pump Pressure (psi)	
Pipe Reciprocated? No		Stroke (ft)		Reciprocation Rate (spm)		Pipe Rotated? No	
Tagged Depth (RKB)		Tag Method		Depth Plug Drilled Out T		Drill Out Diameter (in)	
						Drill Out Date	

Company			
Author	Abigail Anderson-BCM	Well No	#2
Well Name	Caudill	API #	30-005-21083
Field	Caprock	Lease/D#	
County	Chaves	Zone	Queen (SWD)
State	New Mexico		Sec 34, T13S, R31E, UNIT D
Spud Date	5/10/1989		
GL	4216' GR		330' FNL 750'FWL

Description	O D	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8"	K-55	24#	418	12 1/4	250	circ'd
Prod Csg	4 1/2"	J-55	15.5#	2,999	7 7/8"	250 SX C 50/50 Poz	1950'



GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.