

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

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. 30-045-11457
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Coleman Oil & Gas, Inc.		6. State Oil & Gas Lease No. FEE
3. Address of Operator P.O. Drawer 3337, Farmington NM 87499		7. Lease Name or Unit Agreement Name Heizer
4. Well Location Unit Letter B: 1190 feet from the North line and 1450 feet from the East line Section 15 Township 32N Range 10W NMPM San Juan County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5917' GR		9. OGRID Number 4838
		10. Pool name or Wildcat Blanco Mesaverde

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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.

Coleman Oil & Gas, Inc. plugged and abandoned the Heizer #, API 30-045-11457 wellbore per the attached information.

Reference Approved Sundry Dated 4/27/2011

**NMOC**  
**MAR 09 2020**  
**DISTRICT III**

Spud Date: 10/26/1955 Rig Release Date: 07/01/1955

*PNR ONLY*

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

SIGNATURE *Michael T. Hanson* TITLE: Operations Engineer DATE: March 06, 2020

Type or print name: Michael T. Hanson E-mail address: mhanson@cog-fmn.com PHONE: (505) 327-0356

**For State Use Only**

APPROVED BY: *Brad Bell* TITLE: District III Supervisor DATE: 3/24/20  
 Conditions of Approval (if any): AV

**COLEMAN OIL & GAS  
INC**

P.O. Box 3337  
Farmington, NM 87499



P.O. Box 1979, Farmington, NM 87499  
(505) 325-2627

Name: Heizer #1  
API:30-045-11457

**Well Plugging Report**

- Plug #1 Mesaverde Top 4720'-4420': W/CR @ 4720' spot 35 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement. Tag TOC @ 4533'.
- Plug #2 7" CSG Shoe 4290'-3982': W/CR @ 4240' Mix & Pump 47 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 54 CUFT, 9.6 BBL Slurry, Class G Cement, leaving 11 SXS outside 5-1/2" CSG, 6 SXS inside 5-1/2" CSG below CR, 30 SXS above CR, DISP W/ 16 BBL H2O. Tag TOC @ 4004'.
- Plug #3 Pictured Cliffs Top 2736'-2581': W/CR @ 2686' Mix & Pump 35 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement, leaving 11 SXS outside 5-1/2" CSG, 6 SXS in 5-1/2" CSG below CR, 18 SXS above CR, DISP W/ 9 BBL H2O. Tag TOC @ 2526'.
- Plug #4 Fruitland Top 2400'-2195': W/2350' Mix & Pump 58 SXS, 15.8 PPG, 1.15 Yield, 66.7 CUFT, 11.8 BBL Slurry, Class G Cement, leaving 26 SXS in 7" X 8-3/4" OH, 8 SXS in 7" INTERM, 6 SXS in 5-1/2" CSG below CR, 18 SXS above CR, DISP W/ 8 BBL H2O. Tag TOC @ 2200'.
- Plug #5 Ojo Alamo & Kirtland Tops 1010'-732': CR set at 960', fell to 980' Mix & Pump 117 SXS, 15.8 PPG, 1.15 Yield, 134.5 CUFT, 23.9 BBL Slurry, Class G Cement, leaving 64 SXS in 7" X 8-3/4" OH, 16 SXS in 7" INTERM, 2 SXS in 5-1/2" CSG below CR, 30 SXS above CR, DISP W/ 3 BBL H2O. Tag TOC @ 575'.
- Plug #6 Surface 380'-0' Mix & Pump 76 SXS, 15.8 PPG, 1.15 Yield, 87.4 CUFT, 15.5 BBL Slurry, Class G Cement, saw good Cement Returns through both 5-1/2" CSG & 7" INTERM Valves, Pressure Well to 400 PSI, Shut In Well & WOC. TOC in 5-1/2" CSG fell 115' below Surface, TOC in 7" @ Surface, TOC @ 85' in 9-5/8" Annuli. Weld on DH Marker @ LAT 36.988796, LONG -107866398.
- Top Off Surface Top Off Mix & Pump 63 SXS, 15.8 PPG, 1.15 Yield, 72.4 CUFT, 12.9 BBL Slurry, Class G Cement, good Cement to Surface inside all Annuli.

01/06/2020

Load supplies & Equip, ready Rig & Equip for Road.

Road Rig & Equip to Lease Road.

HSM on JSA.

Spot Equip on LOC, RU Daylight Pulling Unit & Pump Truck.

Check PSI TBG-70, 5-1/2" CSG-80, 7" INTERM-80, BH-0 PSI, RU Relief Lines, BD Well.

ND WH, (Well Head Issues due to seized Bolts), Function Test & NU BOP.

RU Work Floor & TBG Equip, TOO H W/ 17 STDS, noticed Loss of Weight on Indicator, SB 27 total STDS, TBG became very corroded & decision was made to LD rest of TBG, LD 13 JTS & 1 1/2 JT, realizing TBG had parted.

Secure Well & LOC.

Travel to Yard.

01/07/2020

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-N/A, CSG-200, INTERM-200, BH-0 PSI, BD Well to Pit.

TIH W/ 27 STDS, LD 54 JTS on Pipe Trailer, 68 2-3/8" JTS total from Well.

Swap out Pipe Trailers.

MU Select Oil Tool Overshot. PU & Tally In W/ A-Plus 2-3/8" Work String. TIH to 2153'. Latched onto fish; attempt to PU to 40K, 15K over pull. Perform Pipe Stretch Calculation; determine Free Point @ 4000'.

Decision by Coleman Rep Mike Hanson to run Gauge Ring through TBG.

RU A-Plus WL. MU 1-11/16" Gauge Ring. RIH to 2388'; hit tight spot in TBG. POOH. LD Tool. RD WL. Call Jet West WL to run Free Point & Cut TBG.

Wait on Jet West WL.

RU Jet West WL. Received Verbal Approval from Brandon Powell, NMOCD, to cut TBG @4770' & continue P/A OPS. MU 1.7" Paraffin Knife; RIH. Found several tight spots. Flush TBG W/ 10 BBL H2O; could not get past 3691'. POOH. LD Tool. MU 1.4" TBG Cutter. RIH to 3595'; flush TBG W/ 5 BBL H2O. Unable to get past 3595', decision to notify Brandon Powell of NMOCD for Approval on TBG Cut for next day. POOH, LD Tool.

Secure Well & LOC.

Travel to Yard.

01/08/2020

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-0, CSG-160, INTERM-160, BH-0, BD Well to Pit.

Wait on Orders from NMOCD. Received Verbal Approval from Brandon Powell, NMOCD, to Cut TBG @ 4595', on Condition Operator must run 5-1/2" TBG Set Packer @4595' & establish good Rate of Injection and pump 175' Cement Plug @ 100% Excess inside 5-1/2" CSG below 5-1/2" CR Per Plug #1 Mesaverde Top.

RU Jet West WL, MU 1.4" TBG Cutter, RIH to 4595'. Pump 18 BBL H2O down TBG, cut TBG. POOH, LD Tool. RD WL.

PU on TBG to 45K, (had to work up from 35K), TBG appeared to Free Up. LD 2 JTS on Pipe Trailer and SB 33 STDS to Top of Fish. LD 79 JTS; JT #14 was partially cut by TBG Cutter. LD 163 JTS total. All TBG was recovered from Well. Brandon Powell of NMOCD was notified, verbal approval was given to go back to proposed Procedure.

MU 5-1/2" Watermelon Mill. TIH W/ 33 STDS, continue to PU & Tally in to 4760'. Note: hit tight spot @3875', Pump 30 BBL H2O, had to work Mill through.

LD 1 JT, SB 75 STDS, LD Mill.

Secure Well & LOC.

Travel to Yard.

01/09/2020

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-N/A, CSG-80, INTERM-80, BH-0 PSI, BD Well to Pit.  
MU 5-1/2" TBG Set CR, TIH to 4720', set CR, S/O.  
RU to Pump down TBG, Load Well W/ 92 BBL H2O, CIRC 125 BBL Total, saw good Returns to Pit, attempt to PSI Test CSG to 600 PSI, BD to 0 PSI Immediately; no test. Will need to WOC & Tag Plug #1.  
Plug #1 Mesaverde top 4720'-4420' Mix & Pump 35 SXS W/ 2% CLC (extra cement due to casing issues) 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement, DISP W/ 17 BBL H2O.  
LD 12 JTS, SB 69 STDS. LD Setting Tool.  
RU A-Plus WL, RIH to 4400'. Run CBL; no bond from 4400'-0'. POOH. LD Tool, RD WL. Will need to PERF & Squeeze remaining Plugs.  
Wait on Cement Sample to set.  
MU Tag Sub; TIH. Tag Plug #1 @ 4533', verified Tag W/ Brandon Powell of NMOD. Tag was approved good.  
LD to next Plug. TOOH, LD Tag Sub.  
Travel to Yard.

01/10/2020

Load supplies, travel to LOC.  
HSM on JSA, service & start Equip.  
Check PSI TBG-N/A, CSG-80, INTER-80, BH-0 PSI, open Well to Pit.  
RU A-Plus WL. RIH, shoot 3 Holes W/ 3-1/8" Tag Gun. POOH. LD Tool. RD WL.  
MU 5-1/2" CR, TIH to 50'; hit tight spot. TOOH and LD CR. MU 5-1/2" Mill; TIH W/ 5 STDS. TOOH. LD Mill.  
MU 5-1/2" TBG Set CR. TIH to 4240'; set CR. S/O. Load CSG W/ 18 BBL H2O, CIRC 27 BBL total. Attempt to PSI Test CSG to 600 PSI, 1 BPM @ 0 PSI no Test. Will need to WOC & Tag Plug #2, S/I check ROI, 1 BPM @ 300 PSI.  
Plug #2 7" INTERM CSG Shoe 4290'-3982' Mix & Pump 47 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 54 CUFT, 9.6 BBL Slurry, Class G Cement, leaving 11 SXS outside 5-1/2" CSG, 6 SXS inside 5-1/2" CSG below CR, 30 SXS above CR, DISP W/ 16 BBL H2O.  
LD 12 JTS, SB 62 STDS. LD Setting Tool.  
Wait on Cement Sample to set.  
MU Tag Sub. TIH and Tag Plug #2 @ 4004', good Tag.  
LD to next Plug. TOOH, LD Tag Sub.  
RU WL. RIH to 2736', shoot 3 Holes W/ 3-1/8" TAG Gun. POOH. LD Tool. RD WL.  
Secure Well & LOC.  
Travel to Yard.

01/13/2020

Load supplies, travel to LOC.  
HSM on JSA, service & start Equip.  
Check PSI TBG-N/A, CSG-25, INTERM-25, BH-0 PSI, open Well to Pit.  
MU 5-1/2" TBG Set CR. TIH to 2686', set CR.  
S/O, load Well W/ 1 BBL H2O, CIRC 5 BBL total, attempt to PSI Test CSG to 600 PSI, BD immediately. No test; will have to WOC Plug #3. S/I, Check ROI, 1 BPM @ 300 PSI.  
Plug #3 Pictured Cliffs Top 2736'-2581' Mix & Pump 35 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement, leaving 11 SXS outside 5-1/2" CSG, 6 SXS in 5-1/2" CSG below CR, 18 SXS above CR, DISP W/ 9 BBL H2O.  
LD 5 JTS, SB 40 STDS, LD Setting Tool.  
Wait on Cement Sample to set.  
MU Tag Sub, TIH, Tag Plug #3 @ 2526', good Tag, LD to next Plug, TOOH, LD Tag Sub.  
RU A-Plus WL. RIH to 2400'; shoot 3 Holes W/ 3-1/8" Tag Gun. POOH. LD Tool, RD WL.  
MU 5-1/2" TBG Set CR. TIH to 2350', set CR.  
S/O. Load Well W/ 4 BBL H2O, attempt to PSI Test CSG to 600 PSI, BD immediately, no test. Will have to WOC Overnight & Tag Plug #4. S/I, check ROI, 1-1/2 BPM @ 650 PSI.  
Plug #4 Fruitland Top 2400'-2195' Mix & Pump 58 SXS, 15.8 PPG, 1.15 Yield, 66.7 CUFT, 11.8 BBL Slurry, Class G Cement, leaving 26 SXS in 7" X 8-3/4" OH, 8 SXS in 7" INTERM, 6 SXS in 5-1/2" CSG below CR, 18 SXS above CR, DISP W/ 8 BBL H2O.  
LD 6 JTS, TOOH, LD Setting Tool.

Secure Well & LOC.

Travel to LOC.

01/14/2020

A-Plus Monthly Safety Meeting. (no Charge to Customer)

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-N/A, CSG-6, INTERM-6, BH-0 PSI, open Well to Pit.

MU Tag Sub. TIH and tag Plug #4 @ 2200', good Tag. LD to next Plug. TOOH, LD Tag Sub.

RU A-Plus WL. RIH to 1010', shoot 3 Holes W/ 3-1/8" TAG Gun. POOH, LD Tool, RD WL. Saw Gas Flow & light fluid Returns through 7" INTERM CSG Valve. BD to light gas Vent & no Fluid. Brandon Powell of NMOCD was notified & approved to proceed W/ OPS.

MU 5-1/2" TBG Set CR. TIH to 960'; set CR.

S/O. Load CSG W/ 14 BBL H2O, attempt to PSI Test CSG to 600 PSI, BD to 400 PSI in 2 MINS, no test.

Attempt to sting into CR; found CR had fallen 20' above perf holes. Brandon Powell of NMOCD was notified & approved of CR Depth and to continue W/ Plug #5. S/I to CR. RU Pump to CSG, attempt to PSI Test CSG to 500 PSI, BD 100 PSI within 1 MIN, no test. Will have to WOC Plug #5 Overnight. RU Pump to TBG & Check ROI below CR, 1-1/2 BPM & 300 PSI.

Plug #5 Ojo Alamo & Kirtland Tops 1010'-732'. Mix & Pump 117 SXS, 15.8 PPG, 1.15 Yield, 134.5 CUFT, 23.9 BBL Slurry, Class G Cement, leaving 64 SXS in 7" X 8-3/4" OH, 16 SXS in 7" INTERM, 2 SXS in 5-1/2" CSG below CR, 30 SXS above CR, DISP W/ 3 BBL H2O.

LD 11 JTS, SB 10 STDS, LD Setting Tool.

Secure Well & LOC.

Travel to Yard.

01/15/2020

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-N/A, CSG-VAC, INTERM-VAC, BH-0 PSI, open Well to Pit.

MU Tag Sub, TIH, Tag Plug #5 @ 575', good Tag. LD 12 JTS, SB 6 STDS, LD Tag Sub.

RU A-Plus WL, RIH to 380', shoot 4 Holes W/ 3-1/8" TAG Gun. POOH. LD Tool, RD WL.

Attempt to check ROI, 1/2 BPM @ 500 PSI Lockup; no rate. RU to Pump down BH Valve; Pump 1/4 BBL to 300 PSI Lockup. Notified Brandon Powell, NMOCD, unable to get rate through PERF Holes; unable to Pump down BH. Received Verbal Approval to Pump Surface Plug on Condition Cement is CIRC to Surface in both 5-1/2" CSG & 7" INTERM. Cut off WH and Top Off Annuli as needed.

Plug #6 Surface 380'-0' Mix & Pump 76 SXS, 15.8 PPG, 1.15 Yield, 87.4 CUFT, 15.5 BBL Slurry, Class G Cement, saw good Cement Returns through both 5-1/2" CSG & 7" INTERM Valves, pressure well to 400 PSI, Shut In Well & WOC.

RD Work Floor, Dig Out Cellar, wait for Cement Sample to set, ND BOP.

Perform Hot Work Permit, cut off WH, TOC in 5-1/2" CSG fell 115' below Surface, TOC in 7" @ Surface, TOC @ 85' in 9-5/8" Annulus, will need to top off W/ Polypipe, install & Weld on DH Marker @ LAT 36.988796, LONG -107866398.

Surface Top Off Mix & Pump 63 SXS, 15.8 PPG, 1.15 Yield, 72.4 CUFT, 12.9 BBL Slurry, Class G Cement, good Cement to Surface inside all Annuli.

RD Daylight Pulling Unit, ready Equip for Road

Road Rig & Equip to Yard.

### On Site Reps:

Name	Association	Notes
Mike Hanson	Co. Rep.	On Loc
Jonathan Kelly	NMOCD	On Loc

# Heizer Pool #1

## P&A

Blanco Mesa Verde  
 1190' FNL, 1450' FEL, Section 15, T-32-N, R-10-W,  
 San Juan County, NM / API #30-045-11457  
 Lat 36.988796 / Long -107.866398

Today's Date: 01/15/2020  
 Spud: 10/26/55

Elevation: 5917' GI  
 5927' KB 9-5/8" csg set @ 330'

Ojo Alamo @ 815'

Fruitland @ 2350'

Top of intermediate Cement @ 2548"

Pictured Cluiuffs @ 2686'

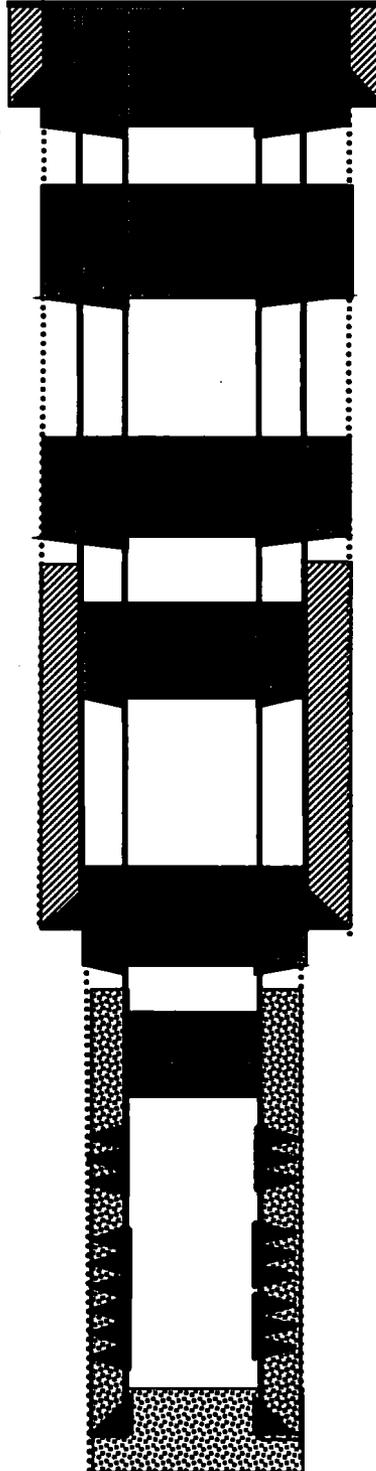
8.75" hole  
 7", 20#, J-55 Casing set @ 4240'  
 Cement with 500 sxs

Cliffhouse @ 4576'

Menefee, @ 4648'

Point Lookout @, 5003'

6.25" hole



**Plug #8: 380' - 0'**  
 Total 139 sxs  
 Top Off 63 Sxs Class G  
 Class G cement, 76 sxs  
 Establish cement returns out Intermediate and BH.

**Perforate @ 380'**

**Plug #5: 1010' - 732'**  
 Class G cement, 117 sxs  
 With 80 sxs outside, 32 sxs inside

**Set CR @ 960'**  
**Perforate @ 1010'**

**Plug #4: 2400 - 2195'**  
 Class G cement, 58 sxs  
 With 34 sxs outside, 24 sxs inside

**Set CR @ 2686'**  
**Perforate @ 2400'**

**Plug #3: 2736' - 2581'**  
 Class G cement, 35 sxs  
 With 11 sxs outside, 24 sxs inside

**Set CR @ 2686'**  
**Perforate @ 2736'**

**Plug #2: 4290 - 4190'**  
 Class G cement, 47 sxs  
 With 11 sxs outside, 36 sxs inside

**Set CR @ 4240'**  
**Perforate @ 4290'**

Top of Production Cement @ 4310 Survey

**Plug #1: 4720' - 4420'**  
 Class G cement, 35 sxs

**Set CR @ 4720'**

MV Perforations: 5106' - 4770'

5.5", 15.5#, J-55 Casing set @ 5136'  
 Cement with 390 sxs (594 cf)  
 Circulate 10 bbls cement surface per Sundry

PBTD 5137'  
 TD 5265''