

State of New Mexico
Energy, Minerals and Natural Resources

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

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

WELL API NO. 30-025-27396
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lansford
8. Well Number: 003
9. OGRID Number: 373817
10. Pool name or Wildcat PENROSE SKELLY;GRAYBURG

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
Energy Acumen LLC

3. Address of Operator
10103 Gutierrez Rd NE, Albuquerque, NM 87111

4. Well Location

Unit Letter: O : 990 feet from the S line and 1880 feet from the E line

Section 21 Township 21S Range 37E NMPM County: Lea

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

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.

See Plugging Procedure/Events Below

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  TITLE: Authorized Representative DATE: 1/18/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigs.com PHONE: (405)343-7736

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Energy Acumen LLC

Plug And Abandonment End Of Well Report

Lansford #003

990' FSL & 1880' FEL, Section 21, 21S, 37E

Lea County, NM / API 30-025-27396

Work Summary:

- 1/3/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 1/4/24** Arrived at Hobbs yard. Waited for fog to clear. Moved rig to the Lansford #003. Held safety meeting. Monitored location for gas levels. Spotted in equipment. R/U unit and equipment. Pumped 40 bbls down casing to ensure well is killed. Worked stuck rod string. Unseated pump. L/D 3 2-3/4" ponies, 152 3/4" stick rods, and rod pump. Shut in and secured well.
- 1/5/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. Changed out drill line on rig. Pumped 46 bbls down tubing to kill well. ND WH. NU BOP. R/U floor and equipment. L/D 118 joints of 2-3/8" tubing, SN, 4' perforated sub, and 10'sub. Prepped and tallied 2-3/8" work string. P/U 5.5" casing scraper. TIH to 3640'. TOOH. Removed casing scraper. Installed 5.5" CR. TIH to 978'. Shut in and secured well.
- 1/6/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. Continued to TIH with CR. Set CR at 3586'. R/U cementing services. Successfully circulated well with 58 bbls, pumped 85 total. Attempted to pressure test casing but test failed. Attempted to pressure test BH but test failed. Pumped 3 bbls total. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3586'. R/U cementing services. Pumped plug #1 from 3586' to 3268'. R/D cementers. L/D 10 joints and TOOH. WOC overnight. Shut in and secured well.

- 1/7/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. TIH and tagged plug #1 at 3255'. R/U cementing services. Attempted to pressure test casing but test failed. Pumped mud/gel spacer from 3255' to 2837'. R/D cementers. L/D 13 joints. R/U cementing services. Pumped plug #2 from 2837' to 2320'. R/D cementers. L/D 17 joints and TOOH. WOC 4 hours. TIH and tagged plug #2 at 2311'. R/U cementing services. Attempted to pressure test casing but test failed. Pumped mud/gel spacer from 2311' to 1268'. R/D cementers. L/D 31 joints. Shut in and secured well.
- 1/8/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. Operations shut down due to high winds and zero visibility. Performed training, maintenance, and completed inspections.
- 1/9/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. TIH to 1268'. Completed a pressure test, well did not pass. R/U cementing services. Pumped plug #3 from 1268' to 1053'. R/D cementers. TOOH. WOC. TIH and tagged plug #3 at 1048'. R/U cementing services. Pumped mud/gel spacer to 502'. L/D tubing to 502'. R/U cementing services. Attempted to pump down BH, BH pressured up. Began pumping plug #4 from 502' to surface. Cement pump packed off. TOOH. Began cleaning and making repairs. WOC overnight. Shut in and secured well.
- 1/10/24** Arrived on location. Held safety meeting. Monitored for gas. Checked well pressures. TIH and tagged plug #4 at 140'. R/U cementing services. Continued pumping plug #4 from 140' to surface. R/D cementers. R/D equipment and unit. Prepare to MOL.
- 1/17/24** Arrived on location. Held safety meeting. Completed gas check. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Cement was at 15' outside and 13' inside. Welder attached marker per NMOCD regulations.

Plug Summary:**Plug #1: (Grayburg Perforations, and Queen Formations Top, 3,586'-3,255', 36 Sacks Type I/II Cement)**

TIH with CR. Set CR at 3586'. R/U cementing services. Successfully circulated well with 58 bbls, pumped 85 total. Attempted to pressure test casing but test failed. Attempted to pressure test BH but test failed. Pumped 3 bbls total. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3586'. R/U cementing services. Pumped plug #1 from 3586' to 3268'. R/D cementers. L/D

10 joints and TOO H. WOC overnight. TIH and tagged plug #1 at 3255'.

Plug #2: (7 Rivers, Yates, and Tansil Formation Tops, 2,837'-2,311', 59 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 2837' to 2320'. R/D cementers. L/D 17 joints and TOO H. WOC 4 hours. TIH and tagged plug #2 at 2311'.

Plug #3: (Anhy Formation Top, 1,268'-1,048', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #3 from 1268' to 1053'. R/D cementers. TOO H. WOC. TIH and tagged plug #3 at 1048'.

Plug #4: (Surface Casing Shoe, 502'-Surface, 110 Sacks Type I/II Cement (14 sx for top off))

L/D tubing to 502'. R/U cementing services. Attempted to pump down BH, BH pressured up. Began pumping plug #4 from 502' to surface. Cement pump packed off. TOO H. Began cleaning and making repairs. WOC overnight. TIH and tagged plug #4 at 140'. R/U cementing services. Continued pumping plug #4 from 140' to surface. R/D cementers. Performed wellhead cutoff. Removed old wellhead. Cement was at 15' outside and 13' inside. Topped of casing strings. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Energy Acuman LLC
Lansford #003
API: 30-025-27396
Lea, New Mexico

Surface Casing

8.625" 24# @ 452'
OH: 12.25"

Plug 4

502 feet - Surface
502 foot plug
110 Sacks of Type I/II Cement

Plug 3

1268 feet - 1048 feet
220 foot plug
25 Sacks of Type I/II Cement

Plug 2

2837 feet - 2311 feet
526 foot plug
59 Sacks of Type I/II Cement

Plug 1

3586 feet - 3255 feet
331 foot plug
36 sacks of Type I/II Cement

Perforations

3636 feet - 3782 feet

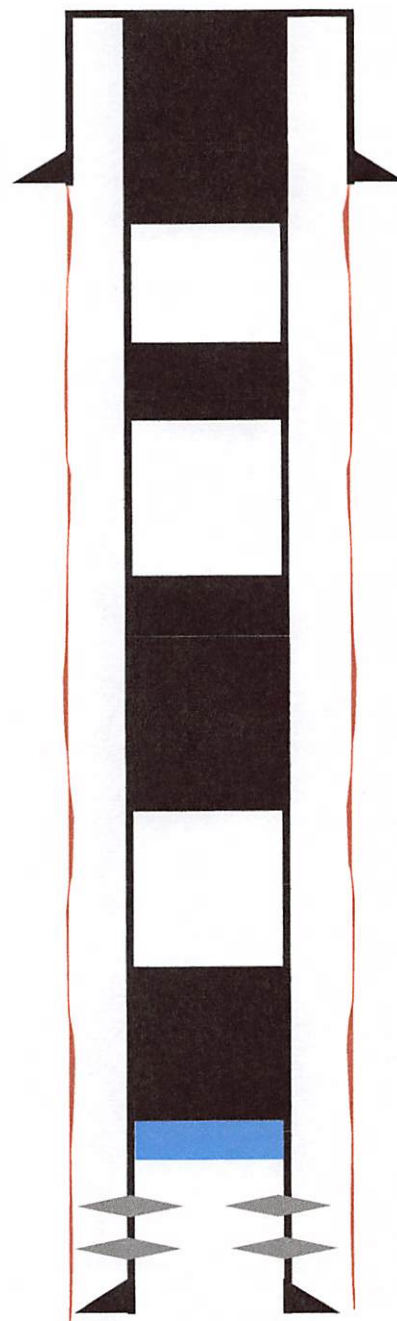
Formation tops

Anhy - 1218 feet
Tansil - 2420 feet
Yates - 2562 feet
7 Rivers - 2787 feet
Queen - 3368 feet
Grayburg - 3634 feet
San Andres - 3930 feet

Retainer at 3586'

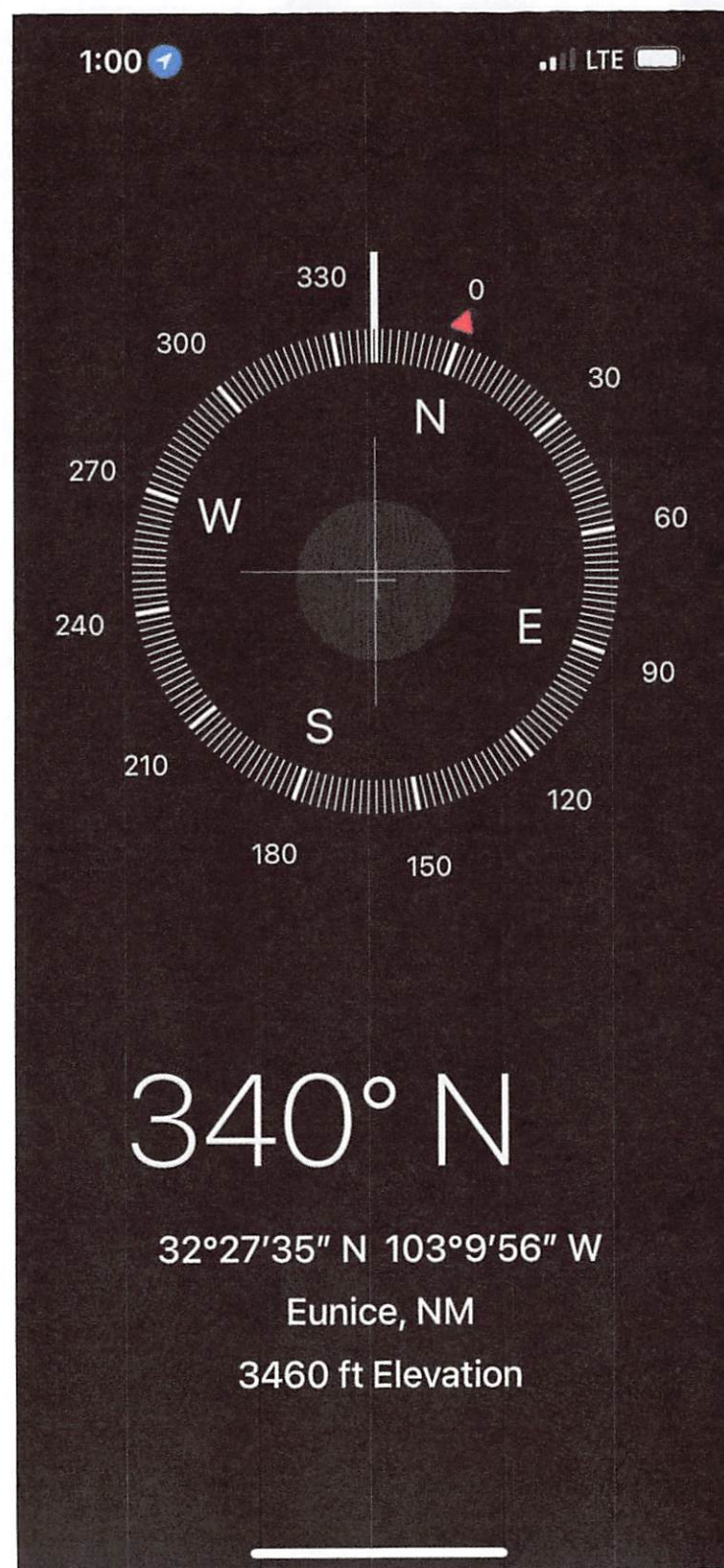
Production Casing

5.5" #14 @ 4250'
OH: 7.625"









Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 306338

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 306338
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Marker needs correction, this will be with OCD future work	11/14/2025