

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

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

Form C-103  
Revised July 18, 2013

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. 30-025-24180
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Energy Acumen LLC		6. State Oil & Gas Lease No.
3. Address of Operator 10103 Gutierrez Rd NE, Albuquerque, NM 87111		7. Lease Name or Unit Agreement Name Alves
4. Well Location Unit Letter: A : 660 feet from the N line and 660 feet from the E line Section 18 Township 21S Range 37E NMPM County: Lea		8. Well Number: 003
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number: 373817
10. Pool name or Wildcat PENROSE SKELLY;GRAYBURG		

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

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

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: Ethan Wakefield

TITLE: Authorized Representative DATE: 1/26/24

Type or print name: Ethan Wakefield E-mail address: [e.wakefield@dwsrigs.com](mailto: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**

#### **Alves #003**

660' FNL & 660' FEL, Section 18, 21S, 37E

Lea County, NM / API 30-025-24180

#### **Work Summary:**

- 11/26/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 11/27/23** Held safety meeting. Moved rig and equipment to location. Bled off tubing pressure of 60 psi with 100 ppm H<sub>2</sub>S. Could not read or bleed casing pressure, due to broken valves. Set up to be hot tapped. Prepared location, spotted equipment, and rigged up. Shut down and secured the well overnight.
- 11/28/23** Arrived on location and held a safety meeting. Hot tapped the casing valve and bled off backside pressure. N/U the Blowout Preventer (BOP) and started pulling tubing. Laid down 43 joints. Last tubing joint parted at a collar. Unsure if there is more tubing in the hole. Shut down operations while waiting on the work string, scraper, and fishing tools.
- 11/29/23** Arrived on location and held a safety meeting. Checked well pressures. P/U 5.5" casing scraper. TIH with scraper and tagged at 1317'. TOOH. Wait on fishing tools.
- 12/2/23** Arrived on location and held a safety meeting. Checked well pressures. TIH with an overshot. Unable to latch onto fish. TOOH. Overshot was plugged off with sludge. Attempted to fish with overshot 3 times. ND BOP and prepare to MOL.
- 12/15/23** Arrived on location and held a safety meeting. Checked well pressures. Moved rig to location. Prepped well. Checked well pressures. Spot in equipment and unit. R/U unit. ND WH, NU BOP, RU floor and equipment. Wait on tubing. Shut in and secured well.

- 12/16/23** Arrived on location and held a safety meeting. Checked well pressures. Prepped and tallied 2-3/8" work string. TIH with tubing to 817'. R/U swivel. Circulate hole. R/D swivel. TIH with tubing to 1000'. R/U swivel. Circulate hole. R/D swivel. TIH with tubing to 1200'. R/U swivel. Circulate hole. R/D swivel. TIH with tubing to top of fish at 1370'. R/U tubing swivel circulated hole and attempted to screw onto fish. R/D swivel and TOOH. Install overshot and TIH to top of fish. R/U swivel and circulated hole. Latched onto fish. Pulled to 10,000 lbs and fish came free. R/D swivel and TOOH. Shut in and secured well for the day.
- 12/17/23** Arrived on location and held a safety meeting. Checked well pressures. Continued to TOOH with fish. L/D 69 2-3/8" tubing joints. Prepped and tallied 2-3/8" work string. Removed overshot and installed 5.5" scraper. TIH to 2800'. TOOH. L/D scraper. Installed 5.5" CR. TIH and set CR at 2796'. R/U cementing services. Successfully circulated well with 58 bbls, pumped 70 total. Attempted to pressure test casing but casing did not hold. R/D cementers. TOOH. R/U wireline services. RIH and logged well. R/D wireline. Drained equipment. Shut in and secured well.
- 12/18/23** Arrived on location and held a safety meeting. Checked well pressures. TIH to 2796'. R/U cementing services. Pumped plug #1 from 2796' to 2300'. R/D cementers. L/D 16 joints and TOOH. Reverse circulated at 2307' with 27 bbls. TOOH. WOC 4 hours. TIH and tagged plug #1 at 2307'. TOOH. R/U wireline services. RIH and perforated at 2300'. POOH. R/D wireline. P/U 5.5" packer. TIH and set at 2010' with end of tubing at 2104'. R/U cementers. Attempted to establish an injection rate but was unsuccessful. R/D cementers. Unset packer and TOOH. Shut in and secured well.
- 12/19/23** Arrived on location and held a safety meeting. Checked well pressures. TIH and tagged plug #1 at 2291'. R/U cementing services. Continued pumping plug #1 from 2291' to 2133'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 2133'. Pumped mud/gel spacer from 2133' to 1533'. TOOH. R/U wireline services. RIH and perforated at 1533'. TIH and set packer at 1037'. Attempted to establish an injection rate but was unable to, casing pressured up. TOOH and L/D packer. Shut in and secured well.
- 12/20/23** Arrived on location and held a safety meeting. Checked well pressures. TIH to 1569'. Pumped plug #2 from 1569' to 1148'. TOOH. WOC. Shutdown for safety meeting from 12:00 to 2:00. TIH and tagged plug #2 at 1225'. Continued pumping plug #2 from 1225' to 1148'. TOOH. WOC overnight. Shut in and secured well.

- 12/21/23** Arrived on location and held a safety meeting. Checked well pressures. TIH and tagged plug #2 at 1140'. Pumped mud/gel spacer from 1140' to 100'. Successfully pressure tested casing to 500 psi. R/U wireline services. RIH and perforate at 100'. POOH. R/U cementing serviced. Pumped plug #3 down casing, into perforations, and out BH at surface. R/D all equipment and move to Hobbs yard.
- 1/24/24** 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 surface in both strings. Welder attached marker per NMOCD regulations. R/U cementing services. Topped off cellar with 32 sx.

### **Plug Summary:**

#### **Plug #1: (Perforations, Yates and Salt Formation Tops, 2,796'-2,133', 82 Sacks Type I/II Cement)**

Installed 5.5" CR. TIH and set CR at 2796'. TOOH. Logged well. TIH to 2796'. R/U cementing services. Pumped plug #1 from 2796' to 2300'. R/D cementers. L/D 16 joints and TOOH. Reverse circulated at 2307' with 27 bbls. TOOH. WOC 4 hours. TIH and tagged plug #1 at 2307'. TOOH. R/U wireline services. RIH and perforated at 2300'. POOH. R/D wireline. P/U 5.5" packer. TIH and set at 2010' with end of tubing at 2104'. R/U cementers. Attempted to establish an injection rate but was unsuccessful. R/D cementers. TIH and tagged plug #1 at 2291'. R/U cementing services. Continued pumping plug #1 from 2291' to 2133'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 2133'.

#### **Plug #2: (Salt Formation Top, Anhy Formation Top, and Surface Casing Shoe, 1,569'-1,140', 57 Sacks Type I/II Cement)**

TIH to 1569'. Pumped plug #2 from 1569' to 1148'. TOOH. WOC. Shutdown for safety meeting from 12:00 to 2:00. TIH and tagged plug #2 at 1225'. Continued pumping plug #2 from 1225' to 1148'. TOOH. WOC overnight. TIH and tagged plug #2 at 1140'.

#### **Plug #3: (Surface, 100'-Surface, 76 Sacks Type I/II Cement (32 sx for top off))**

Successfully pressure tested casing to 500 psi. R/U wireline services. RIH and perforate at 100'. POOH. R/U cementing serviced. Pumped plug #3 down casing, into perforations, and out BH at surface. Removed old wellhead. Cement was at surface in both

strings. Welder attached marker per NMOCD regulations. R/U cementing services. Topped off cellar with 32 sx.



## Completed Wellbore Diagram

Energy Acuman LLC

Alves #003

API: 30-025-24180

Lea, New Mexico

### Surface Casing

8.625" 28# @ 1275'

OH: 12.25"

### Formation

Anhy - 1248 feet

Salt - 1483 feet

Salt - 2303 feet

Yates - 2627 feet

Queen - 3399 feet

Grayburg - 3676 feet

San Andres - 4025 feet

### Plug 3

100 feet - surface

100 foot plug

76 Sacks of Type I/II Cement

### Plug 2

1569 feet - 1140 feet

429 foot plug

57 Sacks of Type I/II Cement

### Plug 1

2796 feet - 2133 feet

663 foot plug

82 sacks of Type I/II Cement

CR @ 2796'

Existing CR and plug at 3750'

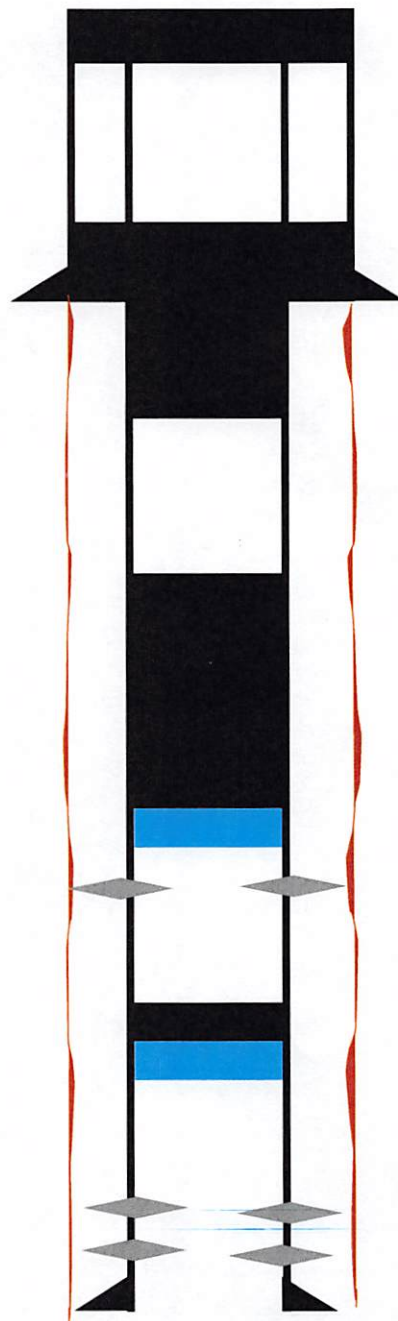
### Perforations

2846 feet - 3644 feet

### Production Casing

5.5" 15.5# @ 4354'

OH: 7.875"







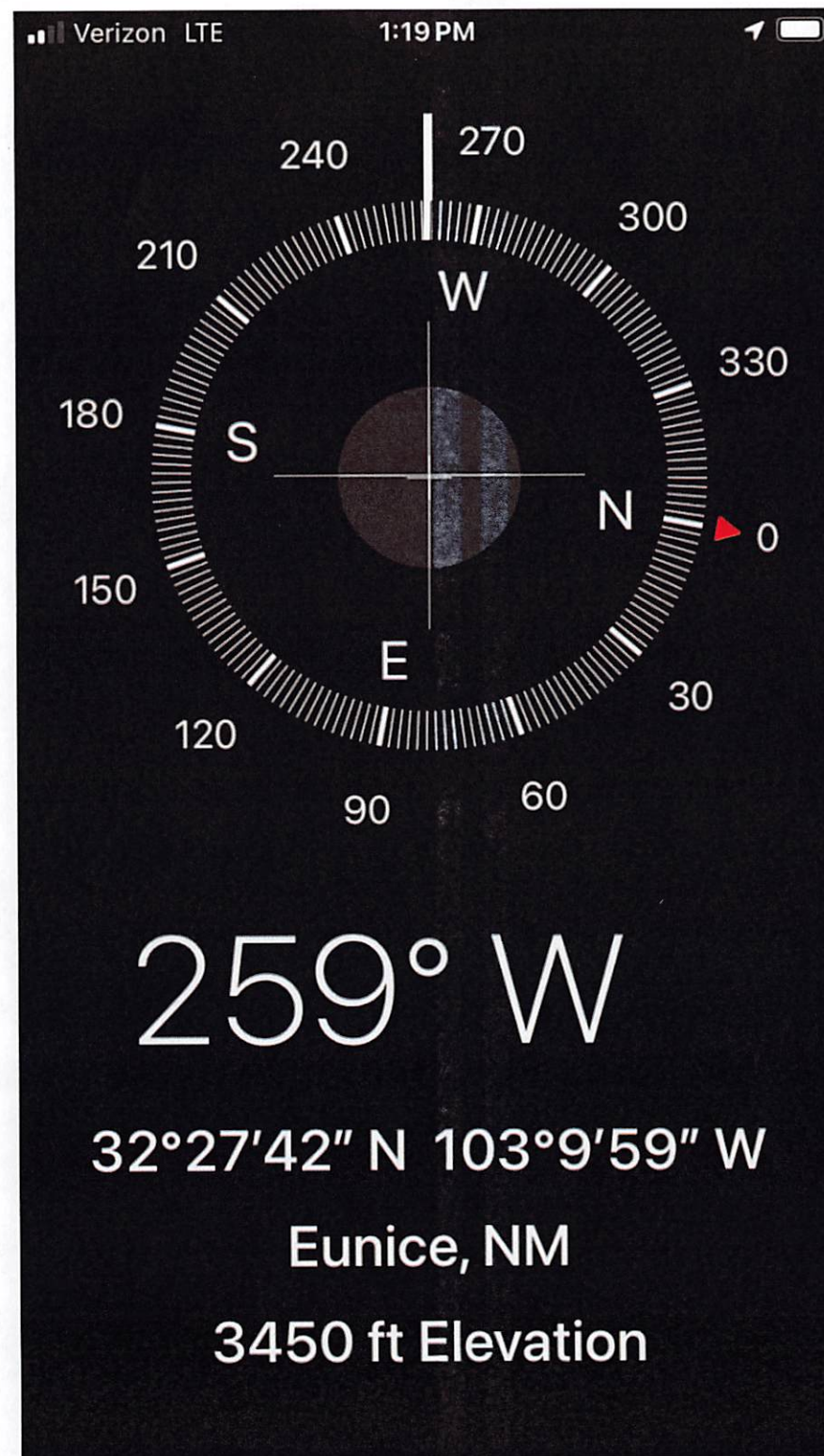














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**Santa Fe, NM 87505**

CONDITIONS  
  
Action 382146

CONDITIONS

Operator: Energy Acumen LLC 10103 Gutierrez Rd NE Albuquerque, NM 87111	OGRID: 373817
	Action Number: 382146
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
samuel.romero	Operator must submit a C-103Q within one year from plugging date in order for OCD to perform a site inspection.	9/13/2024