

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No. **NM-066884-A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No. **Brown 84 #002**

2. Name of Operator

RIDGEWAY ARIZONA OIL CORP.9. API Well No. **30-025-25297**3a. Address **575 N. Dary Ashford, Suite 210, Houston TX 77079**

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area
SAWYER;SAN ANDRES (ASSOC)

4. Location of Well (Footage, Sec., T.R.M., or Survey Description)

M-13-09S-37E 660 FSL & 860 FWL

11. Country or Parish, State

Lea**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Please see attached report and diagrams.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Ethan Wakefield

Representative

Title

Signature



Date

05/23/2024**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Ridgeway Arizona Oil Corp.

Plug And Abandonment End Of Well Report

Brown 84 #002

660' FSL & 860' FWL, Section 13, 09S, 37E

Lea County, NM / API 30-025-25297

Work Summary:

- 5/1/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 5/2/24** Arrived at Brown locations to inspect pads. Drove to Cato field. Inspected rig. Moved rig from Cato field to staging spot near Brown Wells. Moved backhoe from Cato to staging spot. The crew traveled to Roswell to prep supplies and stripper head.
- 5/3/24** Arrived on location. Held safety meeting. Serviced rig and other equipment. Waited on orders.
- 5/4/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. Prepped location with backhoe. Spot in base beam. R/U P&A unit. R/U cementing services. Pumped 40 bbls to kill well. Removed horses head. Pull on rods. L/D 157 ¾" rods. Rods parted. Installed 8-5-8" drill flange. N/U BOP and function tested. R/U floor, tongs, and slips. Attempted to unset tubing anchor but was unsuccessful. Attempted to shear it off but again was unsuccessful. Shutdown and secured well.
- 5/5/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. R/U wireline services. RIH and tagged at 2954'. POOH. R/D wireline. Work tubing. Was able to get tubing free. L/D 135 joints of 2-3/8" tubing. Strip out eight 3/4" rods. Shut in and secured well.
- 5/6/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. Continue to L/D tubing and stripping out rods. Stripped out 21 rods and L/D 21 joints of 2-3/8" tubing.

Totaling, 156 joints of 2-3/8" tubing and 178, 3/4" rods. Clean floor, tongs, and BOP. Spot tubing float. Prepped tubing. Shutdown due to high winds.

- 5/7/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. Checked equipment fluid levels. P/U 4.5" scraper. TIH and tagged at 4902'. R/U cementing services. Established circulation with 18 bbls. R/U power swivel. Clean from 4705' to 4902'. Circulate hole with 40 bbls. TOOH. L/D scraper. Shutdown for the day. Repaired hydraulic line. Secured well.
- 5/8/24** Rig repair. Changed hydraulic pump and hoses.
- 5/12/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. P/U scraper. Round tripped to 4906'. L/D scraper. P/U 4.5" CR. TIH and set CR at 4863'. Pressure tested tubing to 1000 psi. Sting out of CR. Circulated hole with 80 bbls. Successfully pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH and logged well. R/D wireline. Shut in and secured well.
- 5/13/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. TIH to CR at 4863'. R/U cementing services. Pumped plug #1 from 4862' to 4535'. L/D 11 joints and TOOH with 30 joints. WOC 4 hours. TIH and tagged plug #1 at 4609'. R/U cementing services. Unable to pump through tubing. TOOH. Unplug tubing. TIH to 4608'. R/U cementing services. Continued pumping plug #1 from 4608' to 4451'. R/D cementers. L/D 5 joints. Reverse circulated at 4439' with 25 bbls of fresh water. TOOH with 30 joints. WOC overnight. Shut in and secured well.
- 5/14/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. Established circulation with fresh water. Attempted to pressure test casing with fresh water but was unsuccessful. TIH and tagged plug #1 at 4442'. R/U cementing services. Pumped mud spacer (9.0 ppg) from 4442' to 4210' (232', 3.7 bbl). L/D 7 joints. R/U cementing services. Pumped plug #2 from 4215' to 3530'. L/D 23 joints. Reverse circulated 20 bbls of fresh water. TOOH with 30 joints. WOC 4 hours. TIH and tagged plug #2 at 3677'. R/U cementing services. Continued pumping plug #2 from 3677' to 3510'. R/D cementers. L/D 6 joints. TOOH with 30 joints. WOC overnight. Shut in and secured well.
- 5/15/24** Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. TIH and tagged plug #2 at 3614'. R/U cementing services. Attempted to pressure test casing but was unsuccessful. Continued pumping plug #2 from 3614' to 3284'.

TOOH. WOC 4 hours. TIH and tagged plug #2 at 3470'. R/U cementing services. Pumped mud spacer from 3470' to 2967' (8 bbls, 9 ppg). L/D 15 joints and TOOH. R/U cementing services. Successfully pressure tested casing to 800 psi for 30 minutes. R/U wireline services. RIH and perforated at 2967'. POOH. R/D wireline. R/U cementing services. Established an injection rate of 1.5 bbl/min at 495 psi. TIH to 2180'. Shut down due to lightning. Secured well.

5/16/24 Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. TIH to 3016'. R/U cementing services. Pumped plug #3 from 3016' to 2638'. L/D 12 joints and TOOH. WOC 4 hours. TIH to 3046' and did not tag plug #3. R/U cementing services. Pumped plug #3 from 3016' to 2638'. L/D 12 joints and TOOH. WOC overnight. Shut down and secured well.

5/17/24 Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. TIH and tagged plug #3 at 2634'. R/U cementing services. Pumped 9.0 ppg spacer from 2632' to 2322'. L/D 11 joints. P/U pop joints to 2320'. R/U cementing services. Pumped plug #4 from 2320' to 1993'. L/D 10 joints and TOOH. WOC 4 hours. TIH and tagged plug #4 at 1990'. R/U cementing services. Pumped 9 ppg mud spacer from 1990' to 401'. R/D cementers. L/D 62 joints and TOOH. R/U wireline services. RIH and perforated at 401'. POOH. R/D wireline services. Attempted to establish an injection rate into perforations. Casing pressured up to 498 psi. Shut down and secured well.

5/18/24 Arrived on location. Held safety meeting. Completed spiral gas check. Checked wellbore pressures. R/U cementing services. Successfully pressure tested Braden Head to 300 psi. TIH to 451'. R/U cementing services. Pumped plug #5 from 451' to surface. TOOH. R/D floor and equipment. N/D BOP. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. R/U cementing services. Topped off 8-5/8" casing string with 16 sx. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (Perforations, Pi Zone Formation Top, 4,862'-4,442', 37 Sacks Type I/II Cement)

P/U 4.5" CR. TIH and set CR at 4863'. Pumped plug #1 from 4862' to 4535'. L/D 11 joints and TOOH with 30 joints. WOC 4 hours. TIH and tagged plug #1 at 4609'. Continued pumping plug #1 from 4609' to 4451'. TIH and tagged plug #1 at 4442'.

Plug #2: (San Andres, Grayburg, and Queen Formation Tops, 4,215'-3,470', 67 Sacks Type I/II Cement)

L/D 7 joints. R/U cementing services. Pumped plug #2 from 4215' to 3530'. L/D 23 joints. Reverse circulated 20 bbls of fresh water. TOOH with 30 joints. WOC 4 hours. TIH and tagged plug #2 at 3677'. R/U cementing services. Continued pumping plug #2 from 3677' to 3510'. TIH and tagged plug #2 at 3614'. R/U cementing services. Attempted to pressures test casing but was unsuccessful. Continued pumping plug #2 from 3614' to 3284'. TOOH. WOC 4 hours. TIH and tagged plug #2 at 3470'.

Plug #3: (Yates and Salt Formation Tops, 3,016'-2,634', 60 Sacks Type I/II Cement)

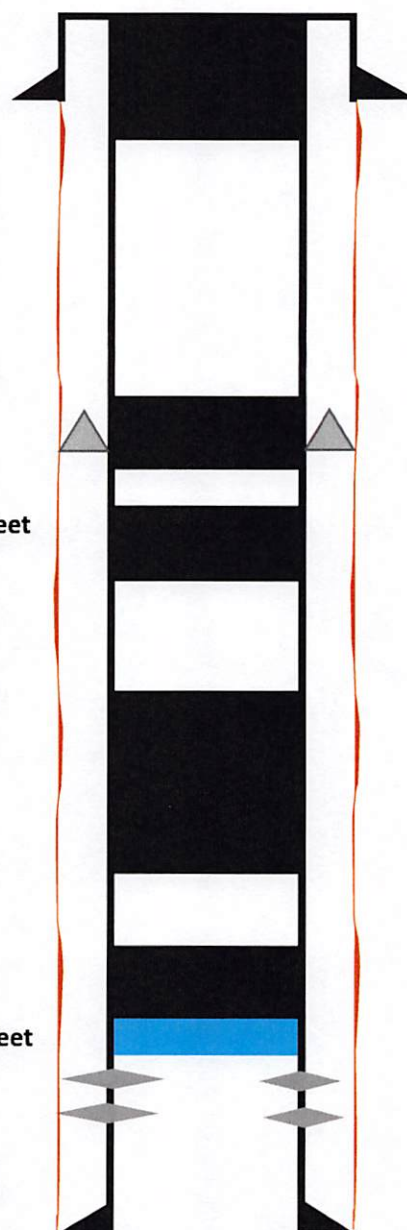
R/U wireline services. RIH and perforated at 2967'. POOH. R/D wireline. TIH to 3016'. R/U cementing services. Pumped plug #3 from 3016' to 2638'. L/D 12 joints and TOOH. WOC 4 hours. TIH to 3046' and did not tag plug #3. R/U cementing services. Pumped plug #3 from 3016' to 2638'. TIH and tagged plug #3 at 2634'.

Plug #4: (Rustlers Formation Top, 2320'-1990', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #4 from 2320' to 1993'. L/D 10 joints and TOOH. WOC 4 hours. TIH and tagged plug #4 at 1990'.

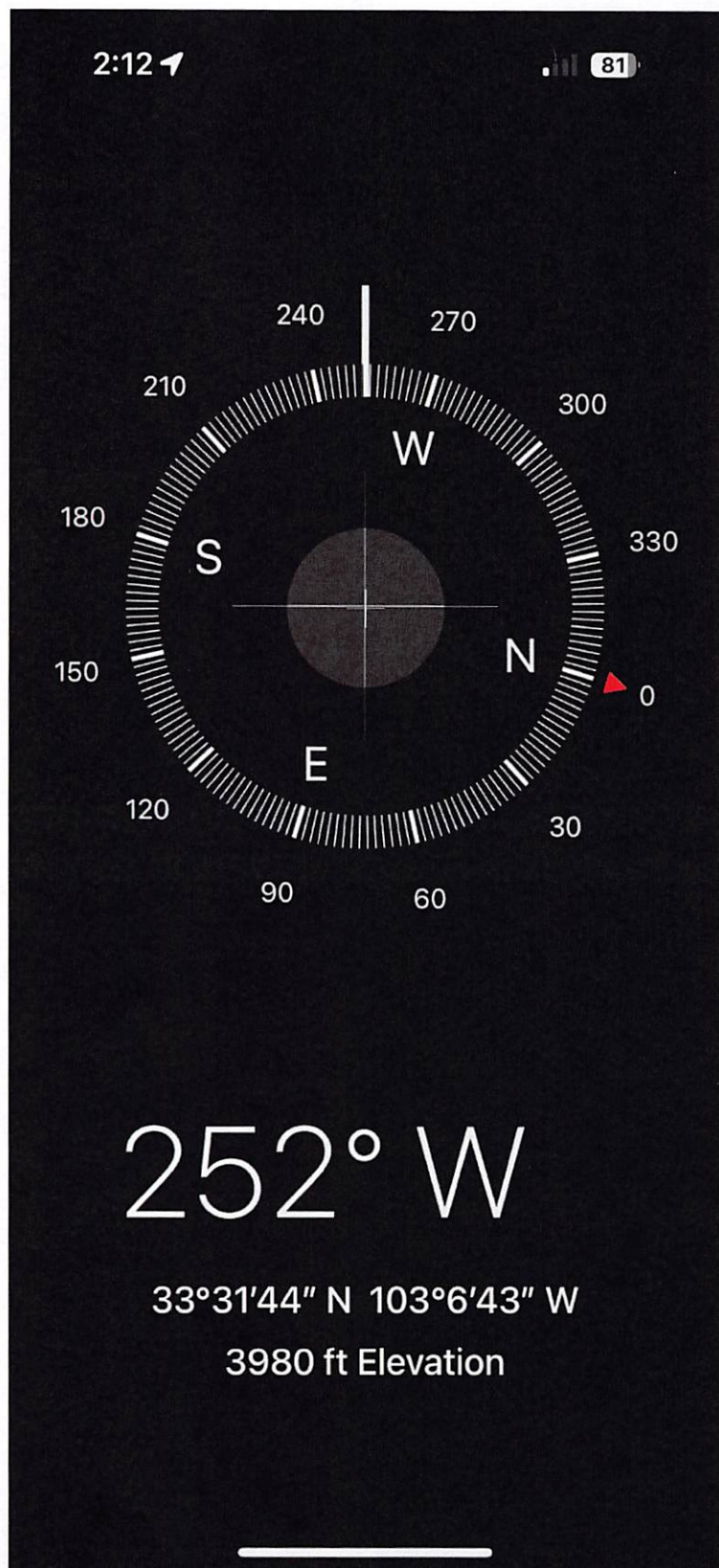
Plug #5: (Surface, 451'-Surface, 72 Sacks Type I/II Cement (16 sx for top off))

R/U wireline services. RIH and perforated at 401'. POOH. R/D wireline services. Attempted to establish an injection rate into perforations. Casing pressured up to 498 psi. Pumped plug #5 from 451' to surface. TOOH. R/D floor and equipment. N/D BOP. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. R/U cementing services. Topped off 8-5/8" casing string with 16 sx.









District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 361842

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 361842
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	8/1/2024