

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. LCO29395B
2. Name of Operator Judah Oil, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 568, Artesia, NM 88211-0568	3b. Phone No (include area code) 575-746-1280	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 1780 FSL, 660 FEL, UL - I Sec 29, T-17-S, R-31-E		8. Well Name and No Doc Slawin Federal #2
		9. API Well No. 30-015-32585
		10. Field and Pool, or Exploratory Area Cedar Lake
		11. County or Parish, State Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 checked="" type="checkbox"/> Other <i>convert to salt water disposal</i>
	<input type="checkbox"/> Change Plans	<input 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	

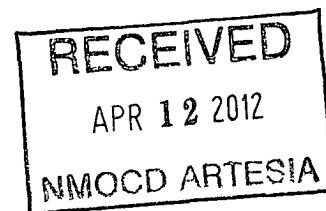
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attached.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

SwD-1312

Accepted for record
NMOCD RI
4/18/12



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) James B. Campanella		Title Member/Manager
Signature <i>[Signature]</i>		Date <i>1-16-2012</i>
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by 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.	Title Office	APPROVED APR 10 2012 <i>[Signature]</i> WESLEY W. INGRAM PETROLEUM ENGINEER

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.

Doc Slawin Federal #2
API #30-015-32585

Attachment to OCD Form 3160-5
Request to convert to Injection

Judah Oil respectfully requests to convert the current well from an uneconomical gas well to a Commercial Salt Water Disposal Well.

We propose to MIRU Pulling Unit within 30 days of BLM approval of permits and ROW. It should take 15 days for work completion.

NU 5000# Hydraulic BOP and test to 5000#'s.

Lay down production tubing.

Set CIBP @ 11,600', capped w/35 ft cement w/wireline.

RUN CBL.

Set CIBP @ 9600' capped with 35 ft cement.

Run CIT test.

Perforate ~~8740~~⁸⁷⁴² - 9440 w/4 spf 800 holes.

Swab test for hydrocarbons.

Acidize ~~8740~~⁸⁷⁴² - 9440 w/20,000 gal 28% NEFE HCL.

Lay down work string.

RIH w/3 1/2 J-55 Duo-Line Tbg w/shaved collars, 5 1/2 x 3 1/2 SS Airset packer w/NP, O/O Tool and profile nipple.

Set packer @ 8680 +/-.

Circulate packer fluid.

ND BOP.

Land Tbg and make up wellhead.

RDPU.

Conditions of Approval

Judah Oil, LLC
Doc Slawin Federal #2
API 3001532585
April 10, 2012

1. Submit an evaluation that proposed injection formation perforations are not productive in paying quantities. That evaluation shall be reviewed by BLM prior to initiating injection.
2. Notify BLM 575-361-2822 before beginning work. The procedures are to be witnessed. Note the contact, time, & date in your subsequent report.
3. **Provide BLM with an electronic copy (Adobe Acrobat Document) of the CBL run. The CBL shall cover at a minimum the depths from above the CIBP at 11,600' to the top of cement or 7600', whichever occurs first. Less than 500' between the proposed top perforation and top of adequate cement bond may require remediation. The CFO BLM on call engineer may be reached at 575-706-2779.**
4. Surface disturbance beyond the existing pad must have prior approval.
5. Casing added or replaced requires a prior notice of intent (BLM Form 3160-5) approval of the design.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. H₂S monitoring equipment to be used on location and functional.
8. A 5000 (5M) BOPE shall be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 (attachment 1, 5M diagrams of choke manifold equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
9. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
10. **A plug is required at the top of the Morrow formation. Plug shall be a minimum of a 30 sack class "H" cement plug mixed 15.6lb/gal, 1.18ft³/sx, and 5.2g/sx placed on the CIBP set at 11600'. Tag the TOC at 11390' or higher. Any plug that requires a tag or pressure test will have a minimum WOC time of 4 hours.**
11. The CBL may change the plans for the CIBP at 9600' and will require review prior to setting the CIBP.

12. The 35' cement cap on the CIBP at 9600' shall be tagged to verify 35' of cement.
13. After the tag of the cement on the CIBP at 9600', operator shall perform a casing integrity test to 1800 psig. Test shall be charted and witnessed by a BLM PET. Pressure leak off may require remediation prior to commencing injection. Include a copy of the chart in the subsequent sundry for this work over.
14. Operator states perforations from 8740' to 9440'. Approved injection permit states 8742' to 9440'.
15. Operator shall submit a Completion Report (3160-4) for the recompletion to the Wolfcamp. Operator to complete all boxes on report.
16. Workover approval is good for 90 days (completion to be within 90 days of approval). A detailed justification is necessary for an extension.

Well with a Packer – Operations

- 1) Conduct a Mechanical Integrity Test of the tubing/casing annulus after a tubing, packer or casing seal is established. Repair that seal any time more than five barrels of packer fluid is replaced within 30 days.
- 2) The minimum test pressure should be 500 psig for 30 minutes or 300 psig for 60 minutes, with 200 psig differentials between tubing and casing pressure (at test time) but no more than 70% of casing burst pressure as described by Onshore Order 2.III.B.1.h. (The tubing or reservoir pressure may need to be reduced). An alternate method for a BLM approved MIT is to have the fluid filled system open to atmospheric pressure and have a loss of less than five barrels in 30 days witnessed by a BLM authorized officer.
- 3) Document the pressure test on a calibrated recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
- 4) At least 24 hours before the test: 575-361-2822, if there is no response email Paul R. Swartz pswartz@blm.gov phone 575-200-7902. Note the contact notification method, time, & date in your subsequent report.
- 5) Submit a subsequent Sundry Form 3160-5 relating the MIT activity. Include a copy of the recorded MIT pressure chart. List the name of the BLM witness, or the notified person and date of notification. NMOCD is to retain the original recorded MIT chart.
- 6) Use of tubing internal protection, tubing on/off equipment just above the packer, a profile nipple, and an in line tubing check valve below the packer or between the on/off tool and packer is a "Best Practice". The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.
- 7) **Submit the original subsequent sundry with three copies to BLM Carlsbad.**

- 8) Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
 - a) Approved injection pressure compliance is required.
 - b) If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
 - c) When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum. Submit a subsequent report (Sundry Form 3160-5) describing the installed automation equipment within 30 days.
- 9) Unexplained significant variations of rate or pressure to be reported within 5 days of notice.
- 10) The casing/tubing annulus is required to be monitored for communication with injection fluid or loss of casing integrity. A BLM inspector may request verification of the annular fluid level at any time.
- 11) A "Best Practice" is to maintain the annulus full of packer fluid at atmospheric pressure. Equipment that will display on site, continuous open to the air fluid level is necessary to achieve this goal.
- 12) Loss of packer fluid above five barrels per month indicates a developing problem. Notify BLM Carlsbad Field Office, Petroleum Engineering within 5 days.
- 13) Gain of annular fluid requires notification within 24 hours. Cease injection and maintain a production casing pressure of 0psia. Notify the BLM's authorized officer ("Paul R. Swartz" <pswartz@blm.gov>, cell phone 575-200-7902). If there is no response phone 575-361-2822.
- 14) Submit a (Sundry Form 3160-5) subsequent report (daily reports) describing all wellbore activity and Mechanical Integrity Test as per item 1) above. Include the date(s) of the well work, and the setting depths of equipment: internally corrosive protected tubing, tubing on/off equipment just above the packer, and an in line tubing check valve below the packer or between the on/off tool and packer. The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.

Use of Form 3160-5 "Sundry Notices and Reports on Wells"

§ 43 CFR 3162.3-2 Subsequent Well Operations.

a) A proposal for further well operations shall be submitted by the operator on Form 3160-5 for approval by the authorized officer prior to commencing operations to redrill, deepen, perform casing repairs, plug-back, alter casing, perform nonroutine fracturing jobs, recomplete in a different interval, perform water shut off, commingling production between intervals and/or conversion to injection. If there is additional surface disturbance, the proposal shall include a surface use plan of operations. A subsequent report on these operations also will be filed on Form 3160-5. The authorized officer may prescribe that each proposal contain all or a portion of the information set forth in §3162.3-1 of this title.

(b) Unless additional surface disturbance is involved and if the operations conform to the standard of prudent operating practice, prior approval is not required for routine fracturing or acidizing jobs, or recompletion in the same interval; however, a subsequent report on these operations must be filed on Form 3160-5.

(c) No prior approval or a subsequent report is required for well cleanout work, routine well maintenance, or bottom hole pressure surveys.

[47 FR 47765, Oct. 27, 1982. Redesigned and amended at 48 FR 36583-36586, Aug. 12, 1983, further amended at 52 FR 5391, Feb. 20, 1987; 53 FR 17363, May 16, 1988; 53 FR 22847, June 17, 1988]

§ 43 CFR 3160.0-9 (c)(1) Information collection.

(c)(1) The information collection requirements contained in part 3160 have been approved by the Office of Management and Budget under 44 U.S.C. 3507 and assigned the following Clearance Numbers:

Operating Forms

Form No.	Name and filing date	OMB No.
3160-3	Application for Permit to Drill, Deepen, or Plug Back—Filed 30 days prior to planned action	1004-0136
3160-4	With Completion of Recompletion Report and Log—Due 30 days after well completion	1004-0137
3160-5	Sundry Notice and Reports on Wells—Subsequent report due 30 days after operations completed	1004-0135

The information will be used to manage Federal and Indian oil and gas leases. It will be used to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases. Response is mandatory only if the operator elects to initiate drilling, completion, or subsequent operations on an oil and gas well, in accordance with 30 U.S.C. 181 *et seq.*

§ 3162.4-1 (c) Well records and reports.

Not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed.