

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator Ray Westall

3a. Address  
P.O. Box 4, Loco Hills, NM 882553b. Phone No. (include area code)  
505.677.2370

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

1980' FSL &amp; 660' FEL Sec 20 T23S-R34E

5. Lease Serial No.  
NM 18306

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Back Basin #19. API Well No.  
30-025-2705110. Field and Pool, or Exploratory Area  
Antelope Ridge Atoka, West11. County or Parish, State  
Lea

## 12. CHECK 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"/> 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarity Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recomplete 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 recompletion 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.)

7/15/06 Set CIBP @ 12,300' Dump bailed 35' Cmt.

7/20/06 Rig up Nebors rig 441

7/21/06 Set CIBP @ 11,958. Set whipstock @ 11,958'

Cut 8.3" window 11,939'-11,951'

9/21/06 Release rig. Could not achieve horizontal. Final survey MD 12,665' TVD 12,516' evaluate further options.

5/3/07 Request TA Status

TA approval not granted on this sundry,  
see attached for TA status request,  
send NOI within 30 days,

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

Randall Harris

Title Geologist

Signature

Date

05/03/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

ACCEPTED FOR RECORD

MAY 11 2007

Date

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.

(Instructions on page 2)

GWW

# LEAM Drilling Systems, Inc.

## Survey Calculations

Job Number: D-3876-MD

**Operator:** RAY WESTALL      **Location:** LEA CO. N.M.      **Lease/Well:** BACK BASIN #1  
**Calculation Method:** Minimum Curvature      **Proposed Azimuth:** 225.00      **Bearing:** S45.00W

**Units:** English(ft)

<u>MeasDepth</u>	<u>CrsLen</u>	<u>Drift</u>	<u>Azimuth</u>	<u>Bearing</u>	<u>TVD</u>	<u>Vsect</u>	<u>NS(±)</u>	<u>EW(±)</u>	<u>Build</u>	<u>Turn</u>	<u>Dogleg</u>
INTREPID MWD TIE-IN											
12278.00	0.00	25.50	234.10	S54.10W	12258.35	-201.54	114.16	170.86	0.00	0.00	0.00
12312.00	34.00	29.10	232.40	S52.40W	12288.56	-186.11	104.82	158.38	10.59	-5.00	10.83
12344.00	32.00	33.10	231.60	S51.60W	12315.95	-169.71	94.64	145.36	12.50	-2.50	12.57
12379.00	35.00	39.70	232.20	S52.20W	12344.11	-149.10	81.84	129.02	18.86	1.71	18.88
12411.00	32.00	41.60	232.80	S52.80W	12368.39	-128.43	69.15	112.48	5.94	1.88	6.06
12443.00	32.00	44.20	230.00	S50.00W	12391.83	-106.79	55.56	95.47	8.13	-8.75	10.07
12474.00	31.00	49.00	229.00	S49.00W	12413.12	-84.34	40.93	78.35	15.48	-3.23	15.66
12506.00	32.00	53.00	229.80	S49.80W	12433.26	-59.55	24.75	59.47	12.50	2.50	12.65
12538.00	32.00	54.10	227.90	S47.90W	12452.27	-33.87	7.81	40.09	3.44	-5.94	5.88
12570.00	32.00	56.50	226.90	S46.90W	12470.49	-7.59	-10.00	20.73	7.50	-3.13	7.93
12601.00	31.00	58.60	225.90	S45.90W	12487.12	18.56	-28.04	1.79	6.77	-3.23	7.30
12633.00	32.00	62.00	224.90	S44.90W	12502.97	46.35	-47.55	-18.00	10.63	-3.13	10.97
12665.00	32.00	66.20	223.40	S43.40W	12516.95	75.13	-68.21	-38.04	13.13	-4.69	13.79
STRAIGHT LINE PROJ. TO BIT											
12735.00	70.00	66.20	223.40	S43.40W	12545.19	139.15	-114.74	-82.04	0.00	0.00	0.00

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**505-234-5972**

**Temporary Abandonment of Wells on Federal Lands**  
**Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
  - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leakoff.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 505-361-2822; Lea County 505-393-3612.
3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for a 12 month period provided that the operator:

1. Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.

The TA status could be extended for an additional 12 month period without another casing integrity test provided there was no leak-off during the test and the test was witnessed by a BLM representative. The operator must submit a sundry notice requesting an extension of TA status 30 days prior to expiration of the previous approval and appropriate justification for extending the TA status is included.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.