

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

Carlsbad Field Office
OCD Artesia
Case File No. NMNM93772

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. W SHUGART 19 FED 4	
2. Name of Operator BLACK MOUNTAIN OPERATING LLCE-Mail: mszudera@marathonoil.com	Contact: MELISSA B SZUDERA	9. API Well No. 30-015-30647-00-S1
3a. Address 500 MAIN STREET, SUITE 1200 FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 713-296-3179	10. Field and Pool or Exploratory Area SHUGART
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T18S R31E SWSW Lot 4 660FSL 660FWL		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE 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"/> 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 type="checkbox"/> Plug and Abandon	<input checked="" 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 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 must 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 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 determined that the site is ready for final inspection.

Marathon Oil Permian LLC. (MOP) respectively requests to temporarily abandon the above mentioned well for a period of one year. The reason is at this time the well is uneconomical in paying quantities. There is possible up hole recompletion opportunities, and for this reason we would like to refrain from plugging and abandonment.

Procedure for temporary abandonment:

1. Safety meeting
2. RU Pulling unit, POOH w/ rods and pump
3. POOH w/ Tbg
4. RIH w/ 5-1/2?? GR/JB. If no obstructions POOH w/ GR.
5. RIH w/ 4.31?? OD CIBP. Set CIBP @ 7,557?. (+/- 50?-100? of top perf)
6. Bailor in cmt.

RECEIVED

MAY 23 2018

DISTRICT II-ARTESIA O.C.D.

Accepted for record
NMOCB

5/21/18

14. I hereby certify that the foregoing is true and correct. Electronic Submission #397400 verified by the BLM Well Information System For BLACK MOUNTAIN OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 12/15/2017 (18PP0527SE)	
Name (Printed/Typed) MELISSA B SZUDERA	Title REGULATORY COMPLIANCE REP
Signature (Electronic Submission)	Date 12/08/2017 /s/ Jonathon Shepard

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jonathon Shepard	Title PE	Date 05/10/2018
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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 **CFO**

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.

Additional data for EC transaction #397400 that would not fit on the form

**Carlsbad Field Office
OCD Artesia**

32. Additional remarks, continued

7. RIH w/ tbg tag cmt @ +/- 7520? (+/-37? cmt on top of CIBP)
8. Leave tubing in the hole.
9. RDMO pulling unit. Detached all production equipment on surface.

WBD's are attached, see portion B with BP setting. Leaving in the hole above BP.

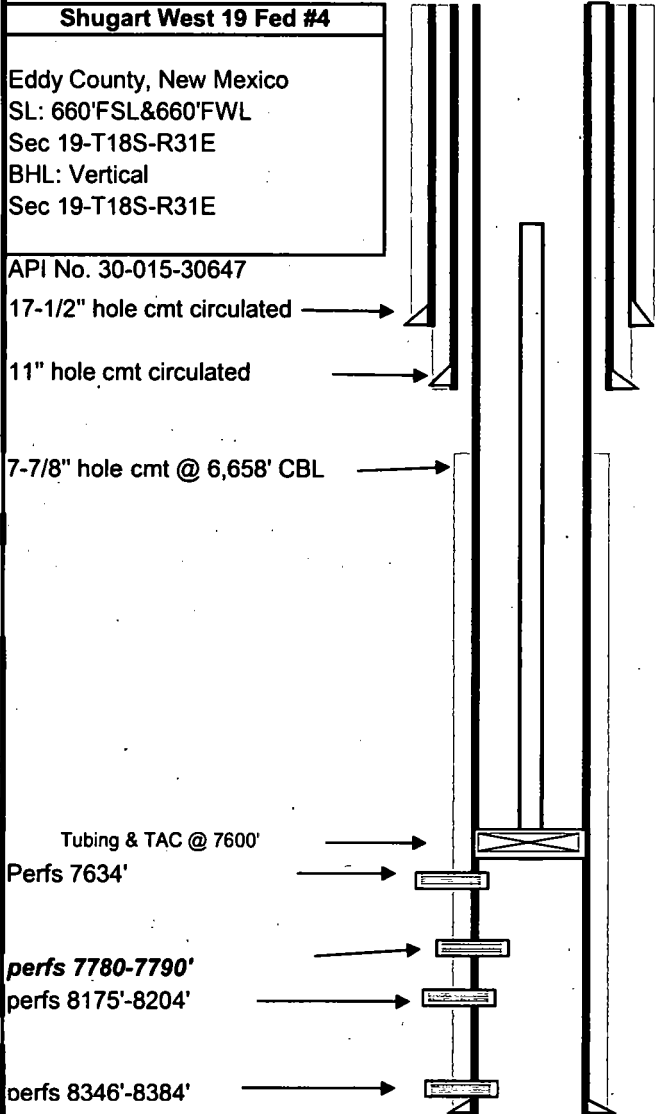
Shugart West 19 Fed #4 Current WBD

Marathon Oil Corporation

Carlsbad Field Office

OCD Artesia

VERTICAL WELLBORE DIAGRAM



Casing					
Size	No Jts	Wt	Grade/Thrds	Depth Set (MD)	Depth Set (TVD)
13-3/8"		48		500	
8-5/8"		32		2808	
5-1/2"		15.5/17		8501	

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Description	Length	Depth Set (MD)	Depth Set (TVD)
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	

- Rustler 540'
- Salado 851'
- Yates 2080'
- 7River 2362'
- Queen 3160'
- Grayburg 3614'
- San Andres 4003' Deleward 4407 Bone Spring 5906

PBTD 8295'
 TD 8500'

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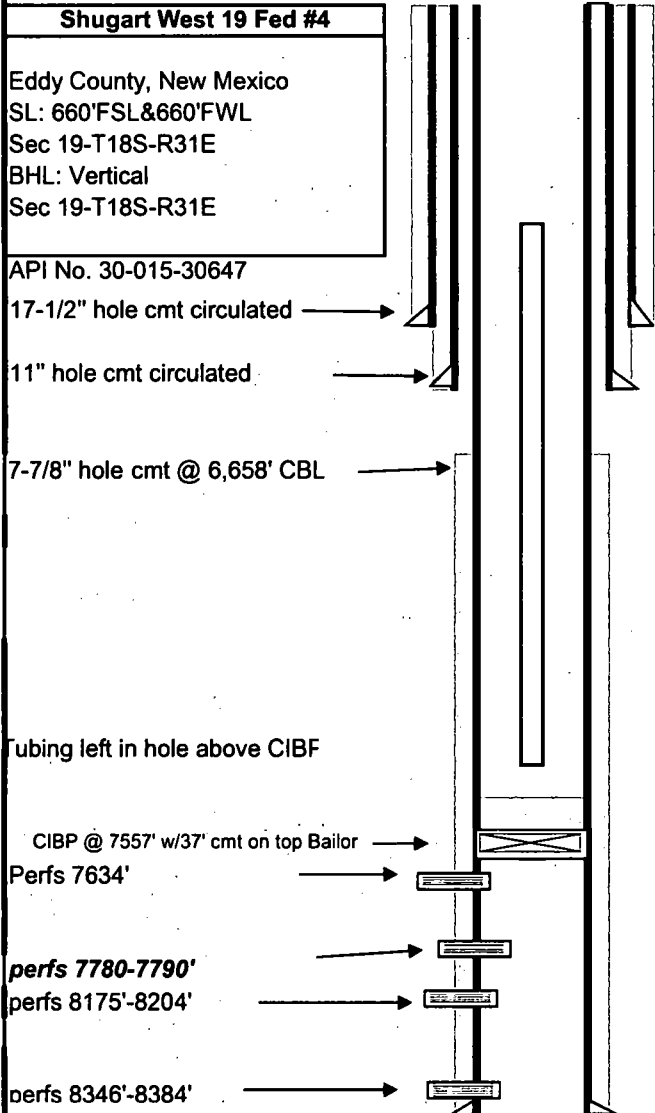
Shugart West 19 Fed #4 Proposed WBD

Marathon Oil Corporation

Carlsbad Field Office

OCD Artesia

VERTICAL WELLBORE DIAGRAM



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BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

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:

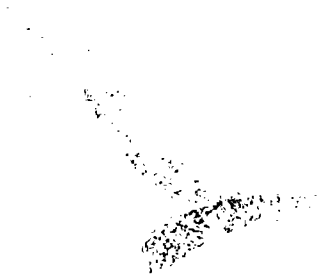
1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, placed with tubing, or 35 feet of cement if placed with bailer.
 - 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. Any leak-off will be evaluated.
 - 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, 575-361-2822; Lea County 575-393-3612.
3. **Provide 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. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval with well bore diagram with all perforations and CIBP's and tops of cement on CIBP's.**
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

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.



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