

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires January 31, 2018

File No. NMNM96222

**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.**

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 ☐ Other

8. Well Name and No. ORE IDA 14 FEDERAL #8

2. Name of Operator SHACKELFORD OIL CO

9. API Well No. 30-015-29277

3a. Address 11417 W COUNTY RD 33  
MIDLAND, TX 79707

3b. Phone No. (include area code)  
(432) 682-9784

10. Field and Pool or Exploratory Area  
EAST PIERCE CROSSING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
760 FSL & 1830 FEL SEC 14 T24S R29E

11. Country or Parish, State  
EDDY, 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 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.)

GC 9/26/19  
Accepted for record - NMOCD



SEE ATTACHED

NM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 23 2019

RECEIVED

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

CFO  
Title

Signature

Date

07/29/2019

**THE 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.

Petroleum Engineer

AUG 23 2019

Carlsbad Field Office

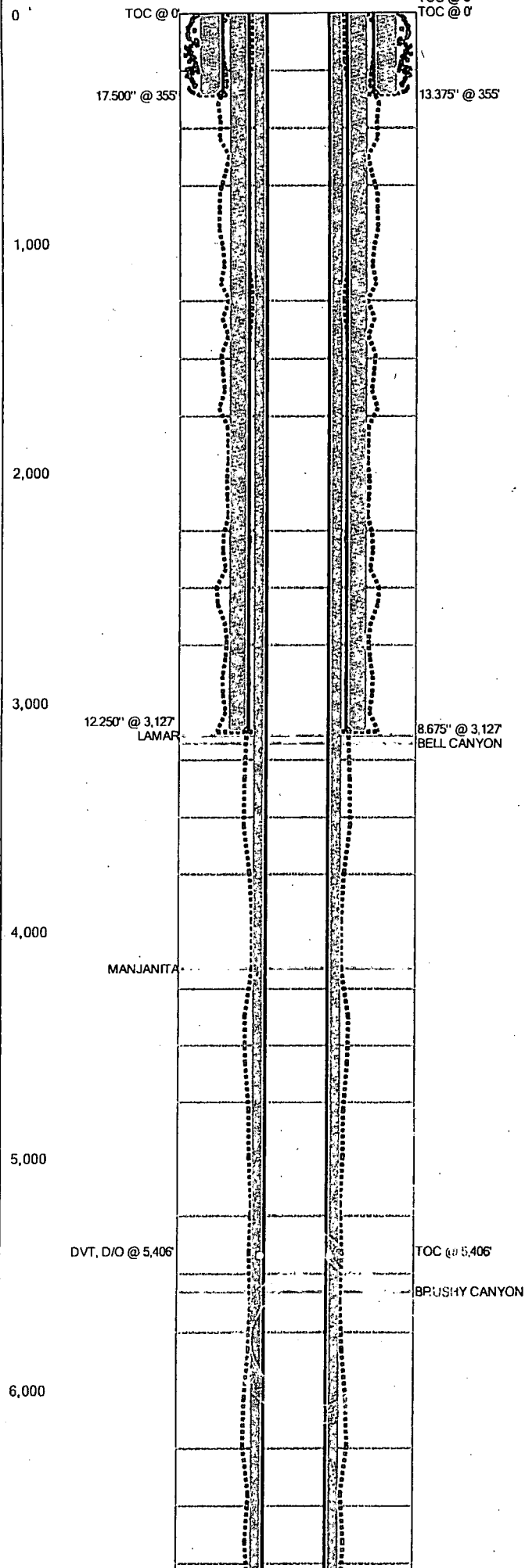
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## Proposed Procedures for Recompletion of Ore Ida Federal #8

1. Set CIBP at 7800'
2. Pump 25 sx plug. Tag top of cement
3. Complete in Delaware as follows:
  - a. 6662-6672 2 spf acidize with 2000 gallons
  - b. 6432-6446 2 spf acidize with 2000 gallons
4. Swab test and frac if appears productive

Last Updated: 7/29/2019 04:06 PM



Field Name		Lease Name		Well No.
East Pierce Crossing		Ore Ida 14 Federal		8
County		State		API No.
Eddy		New Mexico		30015292770000
Version		Version Tag		
1		Current		
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		14	T24S	R29E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company		Producer		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
760	FSL	1830	FEL	
Prop Num		Spud Date		Comp. Date
		1/9/1997		4/10/1997
Additional Information				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By		Last Updated
Shackelford		Shackelford		7/29/2019 4:06 PM

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/9/1997	17.500	0	355	
	12.250	0	3,127	
	7.875	0	8,340	

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
1/11/1997	Surface Casing	13.375	48.00	H-40	0	355
1/17/1997	Intermediate Casing	8.675	32.00	J-55	0	3,127
1/28/1997	Production Casing	5.500	17.00	J-55	0	8,340

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	1/11/1997	750	13.375	0	355	CIRC TO SURFACE
	1/17/1997	1,250	8.675	0	3,127	CIRC TO SURFACE
	1/28/1997	350	5.500	0	5,406	2ND STAGE
	1/28/1997	350	5.500	5,406	8,340	1ST STAGE

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	DVT, D/O	5.500	0.000	5,406	
	Pkr	7.875	5.500	7,630	

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	386	5.500	8,294	8,340	

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
	4/5/1997	Open	BONE SPRING	7,840	7,916	456

Formation	Top (TVD ft)	Comments
LAMAR	3,146	
BELL CANYON	3,180	
MANJANITA	4,162	
BRUSHY CANYON	5,578	
BONE SPRING	6,826	

Last Updated: 7/29/2019 04:06 PM

Field Name		Lease Name		Well No.	County	State	API No.
East Pierce Crossing		Ore Ida 14 Federal		8	Eddy	New Mexico	30015292770000
Version	Version Tag				Spud Date	Comp. Date	GL (ft) KB (ft)
1	Current				1/9/1997	4/10/1997	
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
14	T24S	R29E	760	FSL	1,830	FEL	
Operator			Well Status		Latitude	Longitude	Prop Num
Shackelford Oil Company			Producer				
Other 1		Other 2		Other 3		Other 4	
Last Updated		Prepared By			Updated By		
07/29/2019 4:06 PM		Shackelford			Shackelford		
Additional Information							

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/9/1997	17.500	0	355	
	12.250	0	3,127	
	7.875	0	8,340	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
1/11/1997	Surface Casing	9	13.375	48.00	H-40	0	355	
1/17/1997	Intermediate Casing	72	8.675	32.00	J-55	0	3,127	
1/28/1997	Production Casing	125	5.500	17.00	J-55	0	8,340	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
<input type="checkbox"/>	1/11/1997	750	1.00	750	13.375	0	355		CIRC TO SURFACE
<input type="checkbox"/>	1/17/1997	1,250	1.00	1,250	8.675	0	3,127		CIRC TO SURFACE
<input type="checkbox"/>	1/28/1997	350	1.00	350	5.500	0	5,406		2ND STAGE
<input type="checkbox"/>	1/28/1997	350	1.00	350	5.500	5,406	8,340		1ST STAGE

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	DV tool (drilled out)	5.500	0.000	5,406	0		
	Packer	7.875	5.500	7,630	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	386	5.500	8,294	8,340	

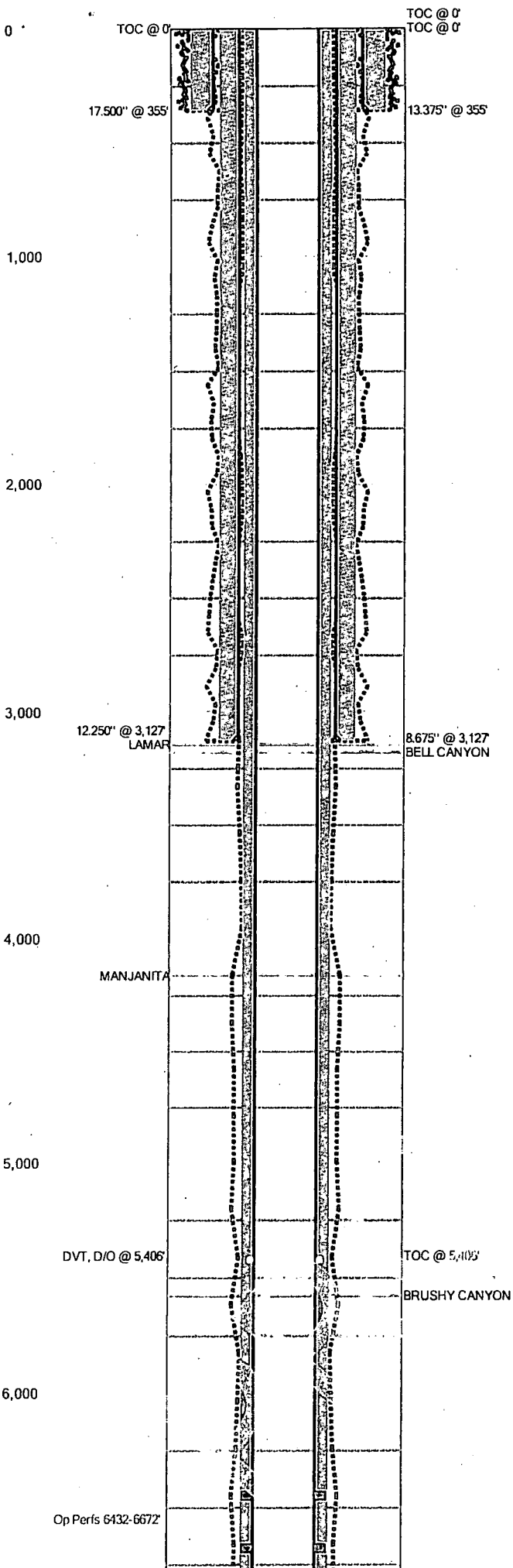
Perforation Summary

C	Date	Perf. Status	Formation		Comments	
	4/5/1997	Open	BONE SPRING			
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
7,840		7,848	9	72		3500 gals 7 1/2% NEFE acid + 45 ball sealers
7,866		7,884	13	342		50,000 gals 2% KCL water + 60000# 20/40 sand +10,000 20/40 resin coated sand
7,910		7,916	7	32		

Formation Top Summary

Formation Name	Top (TVD ft)	Comments
LAMAR	3,146	
BELL CANYON	3,180	
MANJANITA	4,162	
BRUSHY CANYON	5,578	
BONE SPRING	6,826	
1ST BONE SPRING	7,832	

Last Updated: 7/30/2019 09:55 AM



Field Name		Lease Name		Well No.
East Pierce Crossing		Ore Ida 14 Federal		8
County		State		API No.
Eddy		New Mexico		30015292770000
Version		Version Tag		
2		Proposed		
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		14	T24S	R29E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company		Producer		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
760	FSL	1830	FEL	
Prop Num		Spud Date		Comp. Date
		1/9/1997		4/10/1997
Additional Information				
Other 1				
Other 2				
Other 3				
Other 4				
Prepared By		Updated By		Last Updated
Shackelford		Shackelford		7/30/2019 9:55 AM

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/9/1997	17.500	0	355	
	12.250	0	3,127	
	7.875	0	8,340	

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
1/11/1997	Surface Casing	13.375	48.00	H-40	0	355
1/17/1997	Intermediate Casing	8.675	32.00	J-55	0	3,127
1/28/1997	Production Casing	5.500	17.00	J-55	0	8,340

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	1/11/1997	750	13.375	0	355	CIRC TO SURFACE
	1/17/1997	1,250	8.675	0	3,127	CIRC TO SURFACE
	1/28/1997	350	5.500	0	5,406	2ND STAGE
	1/28/1997	350	5.500	5,406	8,340	1ST STAGE

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	DVT, D/O	5.500	0.000	5,406	
	Pkr	7.875	5.500	7,630	
	CIBP	5.500	0.000	7,800	

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	25	5.500	7,648	7,800	
	386	5.500	8,294	8,340	

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open	BRUSHY CANYON	6,432	6,672	80
	4/5/1997	Open	BONE SPRING	7,840	7,916	456

Formation	Top (TVD ft)	Comments
LAMAR	3,146	

Last Updated: 7/30/2019 09:55 AM

Field Name		Lease Name		Well No.	County	State	API No.	
East Pierce Crossing		Ore Ida 14 Federal		8	Eddy	New Mexico	30015292770000	
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)
2	Proposed				1/9/1997	4/10/1997		
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
14	T24S	R29E	760	FSL	1,830	FEL		
Operator			Well Status		Latitude		Longitude	Prop Num
Shackelford Oil Company			Producer					
Other 1		Other 2		Other 3		Other 4		
Last Updated		Prepared By			Updated By			
07/30/2019 9:55 AM		Shackelford			Shackelford			
Additional Information								

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/9/1997	17.500	0	355	
	12.250	0	3,127	
	7.875	0	8,340	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
1/11/1997	Surface Casing	9	13.375	48.00	H-40	0	355	
1/17/1997	Intermediate Casing	72	8.675	32.00	J-55	0	3,127	
1/28/1997	Production Casing	125	5.500	17.00	J-55	0	8,340	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
<input type="checkbox"/>	1/11/1997	750	1.00	750	13.375	0	355		CIRC TO SURFACE
<input type="checkbox"/>	1/17/1997	1,250	1.00	1,250	8.675	0	3,127		CIRC TO SURFACE
<input type="checkbox"/>	1/28/1997	350	1.00	350	5.500	0	5,406		2ND STAGE
<input type="checkbox"/>	1/28/1997	350	1.00	350	5.500	5,406	8,340		1ST STAGE

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	DV tool (drilled out)	5.500	0.000	5,406	0		
	Packer	7.875	5.500	7,630	0		
	Cast Iron Bridge Plug	5.500	0.000	7,600	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	25	5.500	7,648	7,800	
	386	5.500	8,294	8,340	

Perforation Summary

C	Date	Perf. Status	Formation		Comments	
<input checked="" type="checkbox"/>	4/5/1997	Open	BONE SPRING			
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
7,840		7,848	9	72		3500 gals 7 1/2% NEFE acid + 45 ball sealers
7,866		7,884	12	342		50,000 gals 2% KCL water + 60000# 20/40 sand +10,000 20/40 resin coated sand
7,910		7,916	7	42		
C	Date	Perf. Status	Formation		Comments	
<input checked="" type="checkbox"/>		Open	BRUSHY CANYON			
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
6,432		6,445	2	40		ACIDIZE W/ 2000 GALS
6,662		6,672	2	40		ACIDIZE W/ 2000 GALS

Formation Top Summary

Formation Name	Top (TVD ft)	Comments
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# BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

## Conditions of Approval for Permanent Abandonment of a Production Zone

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
4. Cement Requirement: Sufficient cement shall be used to bring any required plug to the approved depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement (or 35 feet with a bailer). Before pumping cement on top of CIBP, a tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary. Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
5. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date work was completed. If plugging back to a new zone submit a Completion Report (Form 3160-4) with the Subsequent Report.
6. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
7. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.