

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

AUG 28 2014

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

**RECEIVED**

**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		8. Well Name and No. ARCO FEDERAL 1
2. Name of Operator CHI OPERATING INCORPORATED Contact: PAM CORBETT E-Mail: pamc@chienergyinc.com		9. API Well No. 30-015-20912-00-S1
3a. Address MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-685-5001 Fx: 432-687-2662	10. Field and Pool, or Exploratory WINCHESTER
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T19S R28E SWNW 1980FNL 660FWL		11. County or Parish, and 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 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 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 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.)

5/7/2014: MIRU POH w/pkr 181 jts @ 8748', run gauge ring on WL, tag @ 10,630', BLMok'd to RIH w/tbg @ 4813'.

5/13/2014: Set CIBP @ 10,625', RIH w/tbg, tag CIBP @ 10,625', pump 100 bbls MLF, spot 25 sxs H cmt @ 10,625'-10,348', SIW.

5/14/2014: Set CIBVP @ 9975', DB 3 sxs H cmt CTOC @ 9940', set CIBP @ 9713', DB 3 sxs H cmt CTOC @ 9678', set CIBP @ 7989', DB 3 sxs H cmt CTOC @ 7954'.

5/15/2014: RIH spot 25 sxs cmt @ 4714'-4336'. Perf @ 3000', pkr set @ 2647', sqz 55 sxs @ 3000'-2870', WOC

**RECLAMATION**  
**DUE 11-16-14**

Accepted for record

APD NMOC 9-3-2014

Accepted as to plugging of the well bore.  
Liability under bond is retained until  
Surface restoration is completed.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #251895 verified by the BLM Well Information System**  
**For CHI OPERATING INCORPORATED, sent to the Carlsbad**  
**Committed to AFMSS for processing by JAMES AMOS on 07/30/2014 (14JA1036S)**

Name (Printed/Typed) SONNY MANN	Title FIELD SUPERVISOR
Signature (Electronic Submission)	Date 07/07/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE FOR RECORD**

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	AUG 24 2014

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #251895 that would not fit on the form**

**32. Additional remarks, continued**

5/16/2014: Tag @ 2800', Perf @ 1420', pkr set @ 1000', sqz 65 sxs cmt to 1320'.

5/19/2014: Tag @ 1300', BLM ok'd to re-perf @ 1200', sqz 100 sxs @ 1200'-1100', SIW.

5/20/2014: No pressure on well. RIH, tag @ 1090'. Perf @ 361'-Circ 145 sxs cmt from 361'-surface, RDMO.

Cut and cap well, installed dry hole marker.

PLUGGING & ABANDONMENT WORKSHEET  
 API: 30-015-20912 OPERATOR CHI Operating Inc.  
 LEASENAME Arco Fed WELL # 1

Unit E  
 Sec 34  
 Range 193  
 Townsh. 28E

FORMATION @ TD  
 FORMATION @ PSTD 11400

	SIZE	SET @	TOC	REMARKS
SURFACE	13 3/8	311'	Surf	
INTMED 1	8 5/8	2940'	Surf	
INTMED 2				
PROD	4 7/2"	11400'		
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & FULL @			TOP - BOTTOM
INTMED 1				
INTMED 2				
PROD				

13370 311'  
 Perf @ 361'  
 Circ 145 SX5 to 0'  
 re-Perf 1200', 92 100 SX5  
 200 - 1100'  
 Perf @ 1420'  
 PKR @ 2647' 55 SX5  
 3000 - 2870'  
 5/8 @ 2940'  
 Perf 3000  
 Tag 2800'

OB 3556 Hcmf  
 CIBP 4678  
 CIBP 9713  
 CIBP 9940  
 CIBP 9975  
 3 SX5 Hcmf

CIDC 4200'  
 25 SX5 @ 4714 - 4336 - split 25 SX5 0 mt  
 Set CIBP 7989 - 35 SX5 Hcmf CIDC @ 7954'  
 2 3/2" tag EOT 10792' w/PKR \* unknown type  
 MRRW  
 Perfs - 740 - 10937' open  
 Bottom - 10965'

CIBP @ 10625'  
 Tag, PMP 106616  
 MLF, Spot 253X  
 Hcmf 10625 - 10348'  
 Tag @ 10630'

4 1/2"  
 @ 11400'  
 TOC 800

TD 11400'