

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 09 2015

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

**SUNDRIY NOTICES AND REPORTS ON WELLS RECEIVED**  
*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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM102912
2. Name of Operator COG OPERATING LLC Contact: BRIAN MAIORINO E-Mail: bmaiorino@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-221-0467	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T24S R29E SWSW Lot M 375FSL 375FWL		8. Well Name and No. ALMOST HEROES 1 FEDERAL 4H
		9. API Well No. 30-015-39292-00-S1
		10. Field and Pool, or Exploratory CEDAR CANYON
		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 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 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 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.)

COG Operating LLC respectfully request a variance to the conditions of approval included with the temporary abandonment sundry approved on 12/2/14 for the Almost Heroes 1 Federal #4H.

1) For this well, COG Operating request to extend the temporary abandonment period to one year. Due to the large volumes of water produced by the well, a pipeline is needed to transport the water to the Charger 29 Federal #1 SWD. Extra time is needed to acquire the needed right of way and to construct the pipeline. Permitting for the right of way from the Almost Heroes 1 Federal #4H to the Charger 29 Federal #1 SWD is currently in the works.

2) COG Operating LLC request to use the current CIBP @ 7660' with existing 30' of cmt on top, set just above the kick off point @ 7700' isolating the producing interval of the Bone Spring that has a top @ 6984', during the temporary abandonment period. Using the current plug will require the

*well must be producing or sundry submitted to P&A by 12/02/2015.*

*Current placement of CIBP will be OK. Rest of CIBP still stand.*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #287002 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER MASON on 01/07/2015 (15JAM0175SE)

Name (Printed/Typed) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/06/2015

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*Accepted for record 1/14/2015*

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 #287002 that would not fit on the form**

**32. Additional remarks, continued**

well to be rigged up on only once when returning the well to production. This will eliminate the need to drill out the current plug, set a new one, then drill out again once the pipeline to the SWD is completed. An MIT will be conducted and chart submitted.

Operator Copy

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM102912
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: BRIAN MAIORINO E-Mail: bmaiorino@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-221-0467	8. Well Name and No. ALMOST HEROES 1 FEDERAL 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T24S R29E SWSW Lot M 375FSL 375FWL		9. API Well No. 30-015-39292-00-S1
		10. Field and Pool, or Exploratory CEDAR CANYON
		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 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 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 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.)

COG Operating LLC respectfully request temporary abandonment of the Almost Heroes 1 Federal #4H. Due to the large volume of water produced by the well, a SWD is needed. Currently COG does not have a SWD in the area of the Almost Heroes 1 Federal #4H.

- 5/2/14  
5) 1) MIRU PU, ND WH, NU BOP  
2) TOH w/ESP and production tbg  
3) RIH w/bit scaper to 7669'  
4) RIH w cibp, set cibp @ 7660', spot 30' cmt plug on top of CIPB, circ hole w/pkr fluid  
5) Test csg to 500# for 30 min.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

All operations to be conducted using a closed loop system

*This well has been shut in for over a year*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #257377 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 11/10/2014 (15JAM0071SE)		W/out approval	
Name (Printed/Typed) BRIAN MAIORINO		Title AUTHORIZED REPRESENTATIVE	
Signature (Electronic Submission)		Date 08/18/2014	APPROVED
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By		Title	DEC 2 2014
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	BUREAU OF LAND MANAGEMENT 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.

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

**Additional data for EC transaction #257377 that would not fit on the form**

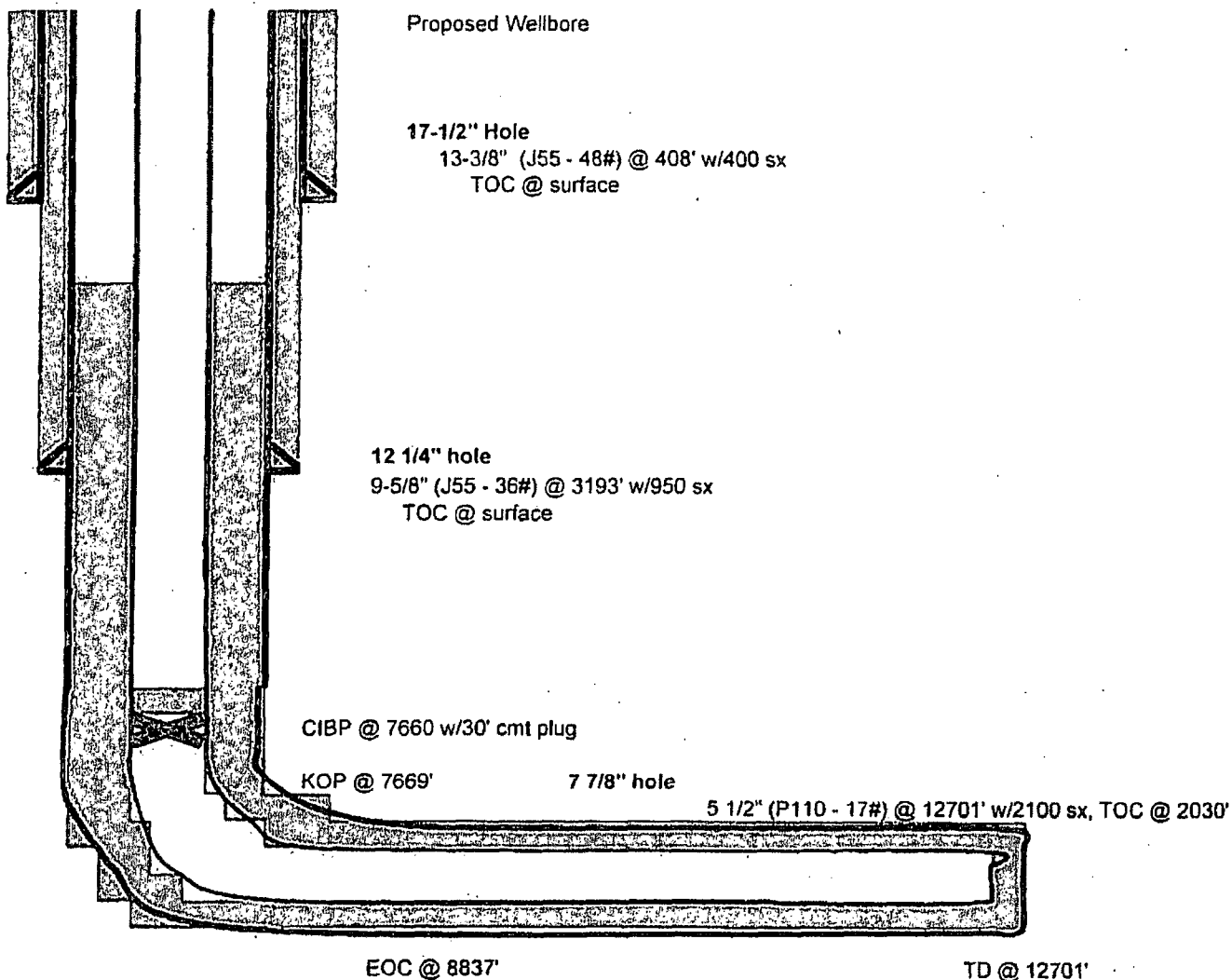
**32. Additional remarks, continued**

Current and proposed wellbore schematics attached

# CONCHO

Author:	B. Maiorino	Well No.	#4H
Well Name	Almost Heroes 1	API #:	30-015-39292
Field	Federal	Prop #:	
County	Cedar Canyon	Zone:	Bone Spring
State	Eddy		
Date	NM		
3L	4/7/2014		
<B	3096'		
	3114'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	J55	48	408	400	Surface
Inter Csg	9 5/8	J55	36	3,193	950	Surface
Prod Csg	5 1/2	P110	17	12,701	2,100	2,030



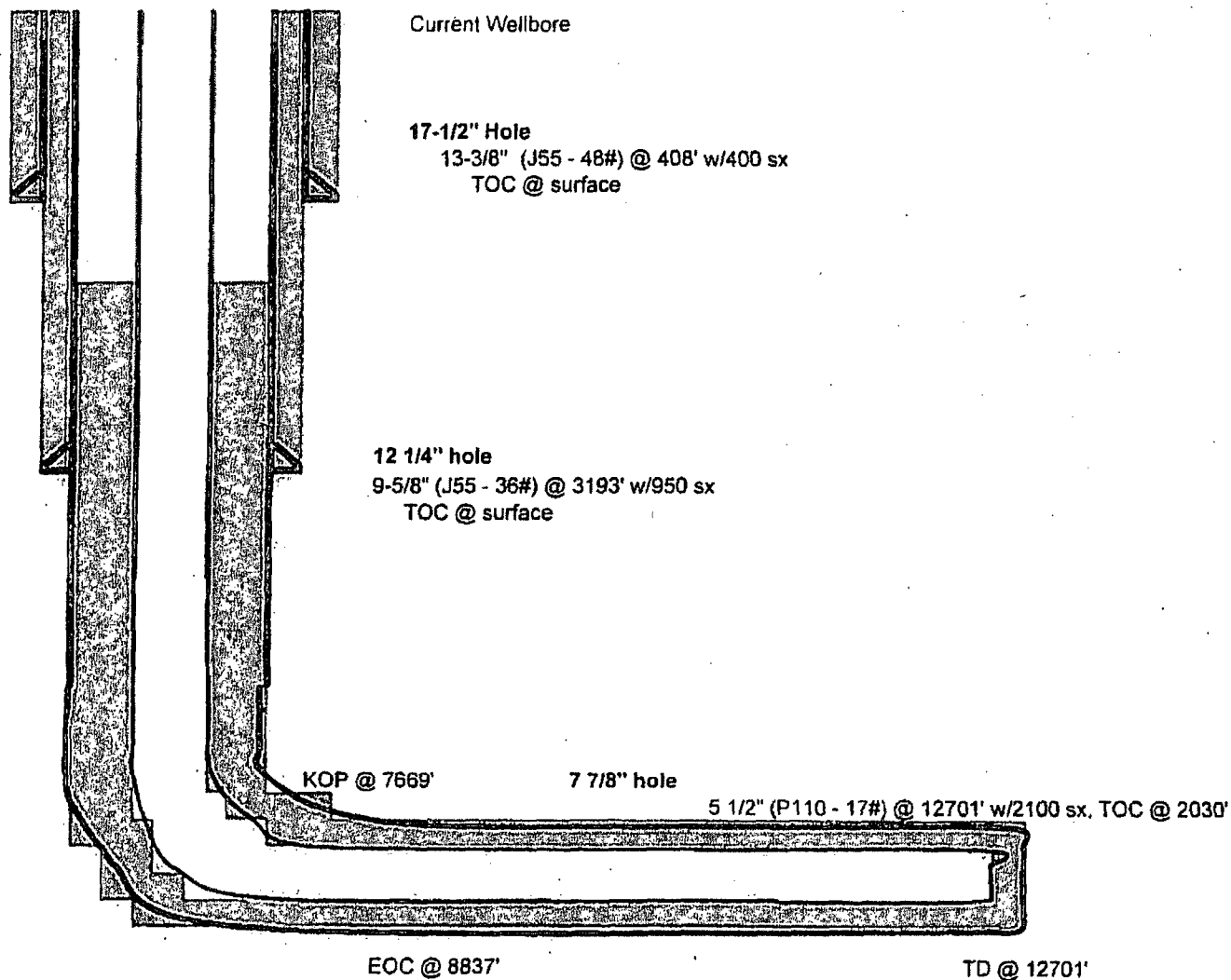
## Perfs/Frac Stages:

8615'-9027', 9130'-9542', 9645'-10,057', 10,160'-10,572'  
10,676'-11,088', 11,191'-11,603', 11,706'-12,118', 12,221'-12,633'

# CONCHO

Author:	B. Maiorino	Well No.	#4H
Well Name	Almost Heroes 1 Federal	API #:	30-015-39292
Field	Cedar Canyon	Prop #:	
County	Eddy	Zone:	Bone Spring
State	NM		
Date			
GL	3096'		
KB	3114'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	J55	48	408	400	Surface
Inter Csg	9 5/8	J55	36	3,193	950	Surface
Prod Csg	5 1/2	P110	17	12,701	2,100	2,030



## Perfs/Frac Stages:

8615'-9027', 9130'-9542', 9645'-10,057', 10,160'-10,572'  
10,676'-11,088', 11,191'-11,603', 11,706'-12,118', 12,221'-12,633'

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

**Approved for a period of 6 months ending 06/02/2015 subject to conditions of approval. JAM**

**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. 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. 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.

**Almost Heroes 1 Federal 4H**

1. Well is approved to be TA for a period of 6 months or until 06/02/2015
2. This will be the last TA approval for this well.
3. Must submit NOI to recompleat or NOI to P&A. Must be submitted by 06/02/2015
4. COA's met at this time.