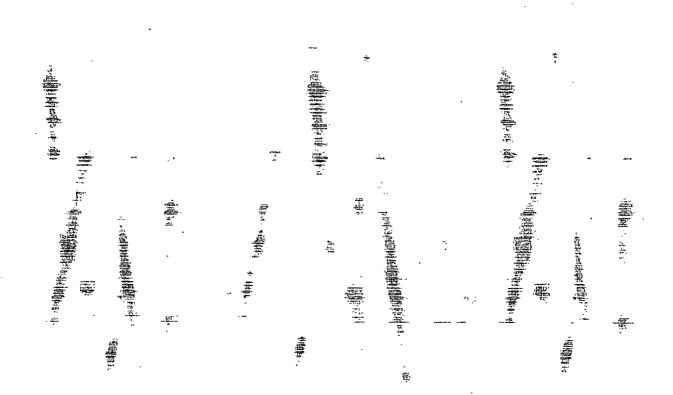
RECEIVE

	UNITED STATES EPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	Operator Cop	MAY O	7 2012 OMB N Expires:	APPROVED O. 1004-0135 July 31, 2010	
MAY 0.7 BURDAY NOTICES AND REPORTS ON WELLS HOBBSOCD				- 141412-00-7-00		
abandoned well. Use form 3160-3 (APD) for such proposals.				6. If Indian, Allottee	or Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Gas Well Other 5 WD				8. Well Name and No. FEDERAL 18 4		
2. Name of Operator Contact: CHASITY JACKSON COG OPERATING LLC E-Mail: cjackson@concho.com				9. API Well No. 30-025-01671		
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701 3b. Phone No. (include area code) Ph: 432-686-3087				10. Field and Pool, or Exploratory SWD; SEVEN RIVERS		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				11. County or Parish, and State		
Sec 18 T19S R33E Mer NMP 1980FNL 660FEL				LEA COUNTY,	NM /	
12. CHECK APPI	ROPRIATE BOX(ES) TO INDICAT	E NATURE OF N	OTICE, RE	PORT, OR OTHE	R DATA	
TYPE OF SUBMISSION	TYPE OF ACTION					
Notice of Intent	☐ Acidize ☐ De		_	on (Start/Resume)	□ Water Shut-Off	
Subsequent Report	-	acture Treat	Reclamat		Well Integrity	
<u> </u>		w Construction	Recompl		Other	
Final Abandonment Notice	Abandonment Notice Change Plans Plug and Abandon Tempor			rily Abandon		
13 Describe Proposed or Completed Op	eration (clearly state all pertinent details, inclu		_		vimate duration thereof	
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved	ally or recomplete horizontally, give subsurfac rk will be performed or provide the Bond No. operations. If the operation results in a multi nandonment Notices shall be filed only after a	e locations and measure on file with BLM/BIA. ple completion or recon	ed and true ver Required sub- npletion in a ne	tical depths of all pertir sequent reports shall be ew interval, a Forn 316	ent markers and zones. filed within 30 days 0-4 shall be filed once	
I. Subject of Notice: COG Operating LLC?s Federal 18 #4 Well.						
II. Objective of Notice: Obtain_approval for remedial cementing on the casing of this well.				SUBJECT	TO LIKE	
III. Well Status: COG?s Feder Isolated hole in casing betwee	al 18 #4 is awaiting approval of Sund in 535? and 1609?.	Iry to begin remedia	al operations	s. APPROVA	EBY STATE	
A GIH and set CIRD on tubin	sqz hole between 535? and 1609?. g @ 1800?, dump bail 20? sand on t n casing. lass C w/ 2% CaCl2 to obtain final so	op. Approval Su & Spec queeze pressure of	bject to Ger cial Stipulati 500 psig og	neral Requirements ons Attached		
greater.				DEE ALLACH	ED FOR	
		Western		CONDITIONS	OF APPROVAL	
14. Thereby certify that the foregoing is	true and correct. Electronic Submission #137274 verifiFor COG OPERATING	ad by the BLM Well	Information	7 77		
Name(Printed/Typed) CHASITY	by KURT SIMMON	S on 05/04/2	012 ()			
	Topicolor Walty Mri 4	*		-	1.201 	
Signature (Electronic S	ubmission)	Date 05/04/20	12	ADDDC	WED	
	THIS SPACE FOR FEDER		1		VCD	
Approved By		PETROLE	EUM EN	IGINEER - 4	2012 Pate	
certify that the applicant holds legal or equivalent would entitle the applicant to consume the construction of the constructi		Office) (1) (1)	BUREAU OF LAND	MANAGEMENT	
States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a crime for any tatements or representations as to any matter	person knowingly and v within its jurisdiction.	willfully to that	ce to any department be	mency withe United	

Additional data for EC transaction #137274 that would not fit on the form

32. Additional remarks, continued

D. SI for 24 hrs prior to drilling out cement.
E. Drill out cement, GIH and tag CIBP.
F. POOH and pickup packer. GIH w/ packer and tubing.
G. Set packer at 450?, test casing to 500 psig for 1 hour.
H. POOH w/ tubing and packer, put bit, and drill collars.
I. GIH to top sand, circulate sand off CIBP, drill up CIBP.
J. POOH w/ work string and bit.
K. PU Disposal Packer and IPC 2 7/8? tubing, GIH and set packer at 3,244? or deeper.
L. Unlatch from packer and circulate packer fluid.
M. Latch back into packer and perform MIT test.
N. Upon successful completion of MIT, return well to disposal.



Federal 18 Well 4 COG Operating LLC 30-025-01671 May 4, 2012 Conditions of Approval

Summary of Current Status:

- SWD well in 7 Rivers formation
- \circ 8-5/8" x 5-1/2" casing program with open hole 3349' 3450',
- Previously repaired hole in casing at approximately 1400'.

Sundry dated 5/4/2012:

Operator states intention to repair hole in casing between 535' and 1609'.

Conditions of Approval: Contingent on like approval by the state.

General Conditions of Approval: Well with a Packer

- 1) Conduct a Mechanical Integrity Test of the tubing/casing annulus after a tubing, packer or casing seal is established. Repair that seal any time more than five barrels of packer fluid is replaced within 30 days.
 - a) The minimum test pressure should be 500 psig for 30 minutes or 300 psig for 60 minutes, with 200 psig differentials between tubing and casing pressure (at test time) but no more than 70% of casing burst pressure as described by Onshore Order 2.III.B.1.h. (The tubing or reservoir pressure may need to be reduced). An alternate method for a BLM approved MIT is to have the fluid filled system open to atmospheric pressure and have a loss of less than five barrels in 30 days witnessed by a BLM authorized officer.
 - b) Document the pressure test on a calibrated recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a falled MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
 - c) At least 24 hours before the test: In Lea County email Andy Cortez andy cortez@blm.gov, (phone 575-393-3612 or 575-631-5801). Note the contact notification method, time, & date in your subsequent report.
 - d) Submit a subsequent Sundry Form 3160-5 relating the MIT activity. Include a copy of the recorded MIT pressure chart. List the name of the BLM witness, or the notified person and date of notification. NMOCD is to retain the original recorded MIT chart.
 - e) Use of tubing internal protection, tubing on/off equipment just above the packer, and an in line tubing check valve below the packer or between the on/off tool and packer is required. The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.
 - f) Submit the original subsequent sundry with three copies to BLM Carlsbad.

- 2) Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
 - a) Approved injection pressure compliance is required.
 - b) If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
 - c) When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum.
 - i) Submit a subsequent report (Sundry Form 3160-5) describing the installed automation equipment within 30 days.
- 3) Other unexplained significant variations of rate or pressure to be reported within 5 days of notice.
- 4) The casing/tubing annulus is required to be monitored for communication with injection fluid or loss of casing integrity.
- 5) The annulus is to be maintained full of packer fluid at atmospheric pressure. Installation of equipment that will display on site, continuous open to the air fluid level is required. A BLM inspector may request verification of this fluid level at any time.
- 6) Submit a subsequent report (Sundry Form 3160-5) describing the installation of packer fluid level. monitoring equipment within 30 days of beginning injection.
- 7) The operator shall keep monthly records documenting that the casing annulus is fluid filled. A suggested format for these records is available from the BLM Carlsbad Field Office. Copies of those records shall be furnished at the request of a BLM authorized officer.
- 8) Loss of packer fluid above five barrels per month requires notification of the BLM authorized officer within 5 days.
- 9) Gain of annular fluid requires notification within 24 hours. Cease injection and maintain a production casing pressure of Opsia. Notify the BLM's authorized officer (Paul R. Swartz paul swartz@blm.gov phone 575-200-7902). If there is no response phone 575-361-2822.
- 10) Also submit to this office a (Sundry Form 3160-5) Notice of Intent (NOI) for planned well work involving a formation change, casing repair/replacement, and injection well fracture treatment for approval by BLM and NMOCD. Verbal approval for the plan may be given by a BLM authorized officer, with the NOI filed within five business days. Packer and tubing repair (normal maintenance procedures) do not require a NOI, but a subsequent sundry needs to be filed.

 http://www.blm.gov/nm/st/en/prog/energy/oil-and-gas.html (see CFR § 3162.3-2 43 & CFR § 3160.0-9 (c)(1)).

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a) Submit a (Sundry Form 3160-5) subsequent report (daily reports) describing all wellbore activity and Mechanical Integrity Test as per item 1) above. Include the date(s) of the well work, and the setting depths of required equipment: internally corrosive protected tubing, tubing on/off equipment just above the packer, and an in line tubing check valve below the packer or between the on/off tool and packer is required. The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.

PRS 010x12 TMM 05/4/2012