UNITED STATES

FORM APPROVED

(August 2007)		DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					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.						Lease Serial No. NMLC056551A If Indian, Allottee or Tribe Name		
		PLICATE - Other instruc				7. If Unit or CA/Agree	ement, Name and/or No.		
I. Type of Well Oil Well	☐ Gas Well ☐ Oth	ner				8. Well Name and No. HOLDER CB FEE	7		
Name of Operator COG OPERATING LLC E-Mail: kcarrillo@conchoresources.com						9. API Well No. 30-015-31892-00-S1			
3a. Address 550 W TEX MIDLAND,	AS, STE 1300 FAS TX 79701	SKEN TOWER II		No. (include area code 685-4332 HECFI	,	10. Field and Pool, or LOCO HILLS .	Exploratory		
4. Location of W	ell (Footage, Sec., T	., R., M., or Survey Description	i)			11. County or Parish,	and State		
Sec 17 T17	S R30E SWNW 10	650FNL 330FWL		APR -1:	2010 I	EDDY COUNTY	′, NM		
				NMOCD AR	1				
	12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICA	TE NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA		
TYPE OF S	SUBMISSION			ТҮРЕ О	F ACTION		<u> </u>		
- Notice of	Intent	☐ Acidize	⊠ D	eepen	□ Product	tion (Start/Resume)	☐ Water Shut-Off		
Notice of		Alter Casing	F	racture Treat	☐ Reclam	ation	☐ Well Integrity		
□ Subseque	nt Report	Casing Repair		lew Construction	☐ Recomp	plete	Other		
☐ Final Aba	ndonment Notice	Change Plans	Plug and Abandon		Temporarily Abandon				
_		Convert to Injection	_ P	lug Back	□ Water I	Disposal			
Attach the Bo following contesting has be	I is to deepen directions nd under which the wo apletion of the involved	eration (clearly state all pertine ally or recomplete horizontally, rk will be performed or provide operations. If the operation re candonment Notices shall be fi- inal inspection.)	give subsurfa the Bond No sults in a mul	ace locations and meas b. on file with BLM/BL tiple completion or rec	sured and true v A. Required su completion in a	ertical depths of all pertinus subsequent reports shall be new interval, a Form 316	nent markers and zones. e filed within 30 days 60-4 shall be filed once		
Deepening	Program attached	. COG respectfully reque	st 1 year a	oproval.	ES A SERVER A	CHED TOD			
Deepening	Procedure:			ŞE	EATIA	CHED FOR	DOVAI		
3.RIH and s 4.PU 4-3/47 5.POOH w/ 6.RIH w/ log 7.RIH w/ 47	? bit and drill out so bit and drillstring. gs and log from TE P, 11.3# casing. So	g Yeso perfs with 400 sxs queeze and 4-3/4? hole fi to 4700?. see section 11 for general 1661? w/ 115 sxs Class C	rom 4770? centralizer	to 6100?.	. ,	ONS OF APP	KOVAL		
14. Thereby cert	ify that the foregoing is	true and correct. Electronic Submission for COG C	#80518 verif	ie ¢ by the BLM We	II Information	ı System			
	0	For COG C	PERATING	LLC, sent to the C	arlsbad				

14. Thereby certify th	at the foregoing is true and correct. Electronic Submission #80518 verifie For COG OPERATING L Committed to AFMSS for processing by KL	LC, ser	it to the Carlsbad	•			
Name (Printed/Typ	ed) KANICIA CARRILLO	Title	PREPARER				
Signature	(Electronic Submission)	Date	01/25/2010		APPROV	ED	
	THIS SPACE FOR FEDER	AL OR	STATE OFFICE U	SE	MAR 3 0 20)10	
Approved By CHRISTOPHER WALLS			PETROLEUM ENGIN	EER.		Date 0	3/30/20
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.			≎ Carlsbad	В	CARLSBAD FIELD (IAGEMEN)FFICE	N

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 #80518 that would not fit on the form

32. Additional remarks, continued

DV tool. Drop plug to close DV tool. 9.PU workstring and RIH and drill out DV tool. POOH and LD workstring. 10.RDMO rig.

Completion Procedure:

1.MIRU rig.
2.RIH/ w/ perforating guns and perforate Yeso from 5700 ? 5900 w/ 2 spf, 30 holes.
3.Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 5650?.
4.RIH w/ perforating guns and perforate Yeso from 5400? ? 5600?.
5.Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 5350?.
6.RIH w/ perforating guns and perforate Yeso from 5100? ? 5300?.
7.Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
8.RIH and drill out plug at 5350? and 5650?.
9.RIH and cut or back off 4? casing at 4661?. POOH w/ 4? casing. Leave 4? liner from 4661? to 6100? (TD).
10.RIH w/ tbg and locate end of tbg at 4500?.
11.RIH w/ rods and pump.
12.RDMO rig.

CB HOLDER FED #7 DEEPENING PROGRAM

1. Estimated Tops of Important Geologic Markers

Yeso Group +/- 4250'

2. Estimated Depths of Anticipated Fresh Water, Oil, and Gas

Yeso Group +/- 4250'

This deepening originates in the Yeso and will finish at the base of the Yeso. The entire Yeso group is an oil and gas bearing interval.

3. Casing Program

Hole Size	Interval	OD Casing	Weight	Grade**	Jt./Condition	Burst/collapse/tension
4-3/4"	4770' – 6100'	4"	11.3#	L-80 or	ULT-FJ/New	3.98/4.09/3.21 (L80)
				P-110		5.47/5.23/4.25 (P110)

^{**} Due to casing shortages, either L-80 or P-110 will be run. The exact grade is unknown at time of requesting permit.

NOTE: COG OPERATING LLC REQUESTS A VARIANCE TO THE 0.422" STAND OFF RULE BETWEEN CASING AND WELLBORE.

4. Cement Program

4" Liner:

Class C, 115 sxs, yield 1.37. 100' minimum tie back to production casing.

NOTE: COG OPERATING LLC REQUESTS A VARIANCE TO THE LINER TOP FLUID ENTRY OR PRESSURE TEST BECAUSE THE DEEPENED WELL WILL BE COMPLETED IN THE SAME ZONE AS THE CURRENT PERFS AND THE ENTIRE INTERVAL IS RECOGNIZED BY THE OCD AS ONE INTERVAL (YESO). AS PER ONSHORE ORDER NO. 2 SECT III: REQUIREMENTS, PART B. CASING AND CEMENTING REQUIREMENTS, SUBPART b. "NO TEST SHALL BE REQUIRED FOR LINERS THAT DO NOT INCORPORATE OR NEED A SEAL MECHANISM." COG BELIEVES WE MEET THE CRITERIA TO NOT BE REQUIRED TESTING THE LINER TOP BECAUSE THERE IS NO NEED FOR A SEAL MECHANISM.

NOTE: COG OPERATING LLC REQUESTS A VARIANCE TO THE 200' MINIMUM TIE BACK TO THE PRODUCTION CASING BECAUSE THE LOWEST PERFORATION IS AT 4611'. THE 100' WILL ALLOW US TO NOT COVER EXISTING PERFORATIONS.

5. Minimum Specifications for Pressure Control

The BOP equipment will be a 3000 psi double ram type manually operated preventer. This equipment will be nipple up to a 7-1/16" 3K flange. The pipe rams are located above blind rams. There is no choke or kill manifold. The BOP is tested to 500 psi prior to drilling new formation. Access to the annulus will be through the valves on the 5-1/2" casing head.

6. Types and Characteristics of the Proposed Mud System

This well will drilled from end of the existing 5-1/2" casing to TD with 2% KCl.

7. Auxillary Well Control and Monitoring Equipment

A. A full opening drill pipe-stabbing valve with proper drill pipe connections will be on the rig floor at all times.

8. Logging, Testing, and Coring Program

- A. The electric logging program will consist of GR-Dual Laterolog, Spectral Density, Dual Spaced Neutron, CSNG Log and will be run from TD to 5-1/2" production casing shoe.
- B. No drill stem tests.
- C. No conventional coring anticipated.
- D. Further testing procedures will be determined after the 4" liner has been cemented at TD, based on drill shows and log evaluation.

9. Abnormal Conditions, Pressure, Temperatures, and Potential Hazards

No abnormal pressures or temperatures are anticipated. The estimated bottomhole temperature at TD is 110 degrees and the estimated maximum bottomhole pressure is 2300 psig. The drilling starts in the Yeso and ends in the Yeso. The section of Yeso being drilled has very low permeability (less than 1 md).

10. Anticipated Starting Date and Duration of Operations

There will be no road or location work required as this is an existing well location. Once commenced, drilling operations should be finished in approximately 14 days. If the well is productive, an additional 30 days will be required for completion and testing before a decision is made.

11. Centralizer Program

Fixed blade stabilizer subs will be utilized in the casing string to insure adequate isolation and seal throughout the wellbore. These stabilizer subs are positive fixed blade type. These subs will actually be screwed into the casing string. A diagram of the fixed blade stabilizer sub is located at the end of this program.

The standard location of the stabilizers will be the following:

Shoe Location

Guide shoe, 1 jt casing, stabilizer sub, float collar, 1 jt casing, stabilizer sub

Perf Interval Location – between perf intervals Stabilizer sub, 1 jt casing, stabilizer sub

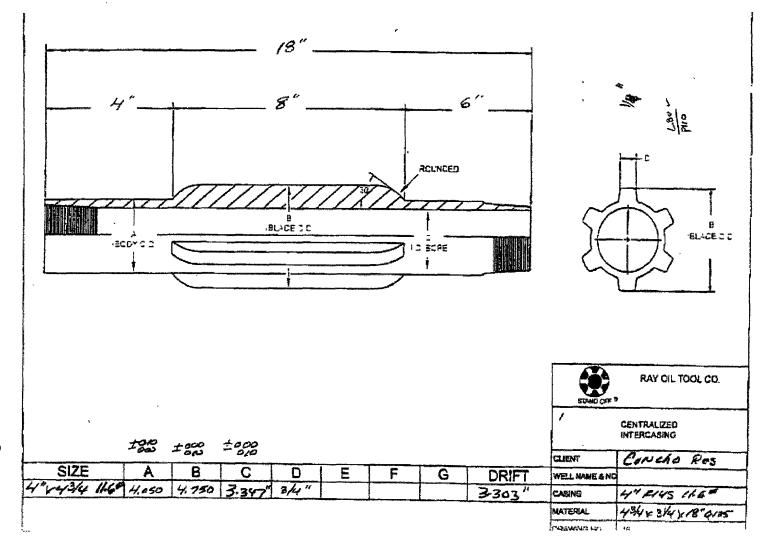
Top of Liner Location

DV tool, 1 jt casing, stabilizer sub, 1 jt casing, stabilizer sub

12. Summary Drilling and Completion Program

Deepening Procedure

- 1. MIRU rig.
- 2. POOH w/ rods and tbg.
- 3. RIH and squeeze off existing Yeso perfs with 400 sxs cmt.
- 4. PU 4-3/4" bit and drill out squeeze and 4-3/4" hole from 4770' to 6100'.
- 5. POOH w/ bit and drillstring.
- 6. RIH w/ logs and log from TD to 4700'.
- 7. RIH w/ 4", 11.3# casing. See section 11 for general centralizer program.
- 8. Cement casing from TD to 4661' w/ 115 sxs Class C cmt. Drop plug and open DV tool. Circ cmt off DV tool. Drop plug to close DV tool.
- 9. PU workstring and RIH and drill out DV tool. POOH and LD workstring.



Holder CB Federal 7 COG Operating LLC 30-015-31892 March 29, 2010 Conditions of Approval

- 1. Work to be complete within 180 days.
- 2. Surface disturbance beyond the existing pad requires prior approval.
- 3. Closed loop system to be used.
- 4. H2S monitoring equipment should be onsite for personnel protection from surrounding oil operations. Operator should not encounter H2S while deepening.
- 5. BOP to be tested to 1000 psi based on BHP expected.
- 6. Variance for stand-off of less than 0.422" is approved due to NMOCD classifying the formations in this area as the Yeso group.
- 7. Variance approved for a minimum tie back of 100'. When plugged, cement plug will be required across this tie back and across squeezed perforations.
- 8. Variance for not testing seal also approved based on NMOCD classification of formations in this area as the Yeso group.
- 9. If cement does not circulate to DV tool, the appropriate BLM office is to be notified.
- 10. Test casing as per Onshore Order 2.III.B.1.h.
- 11. Subsequent sundry detailing work and current well test data are to be submitted when work is complete.

CRW 032910