

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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 NMLC028793A
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM88525X
3b. Phone No (include area code) Ph: 432-221-0467		8. Well Name and No BURCH KEELY UNIT 192H
4. Location of Well (Footage, Sec, T, R, M., or Survey Description) Sec 19 T17S R30E NWNW 893FNL 358FWL		9. API Well No. 30-015-39576-00-S1
10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER Y		11. County or Parish, and State EDDY COUNTY, NM

RECEIVED
JUL 03 2012
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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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

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 recomplete 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 recompletion 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.)

2/22/12 Test BOP to 3500 psi, 30 min ok, Acidize down 5-1/2 L-80 csg, Toe Sub open@ 7000 pump 500 gals 15% close Frac valve, drop 3.625. Virgin Peak ball Open frac valve. Pump 2500 gals 15%. Flush 9000 gals 2% w/FR66 in flush. Saw all 3 Expandable frac sleeve open
2/28/12 FRACED 8545'-8883' VIA 5-1/2" L-80 CSG, W/8377 GALS OF WATER FRAC R(21) GEL+ 274,655GASL SILVERSTEM LT-21 X-LINKED GEL, CARRYING 4456# 100 MESH +267,797# 16/30 BROWN+ 54,11916/30 CRC, Perf 7960'-8350' w/6 spf,24 holes, SPOTTED 1000 GALS 15% SET CBP@ 8448 FRACED W/10,437 GALS SLICKWATER+14,058 GALS WATERFRAC R-21 GEL CARRYING 287,886 GALS SILVERSTEM LT R-21 (XL) GEL CARRYING 3944#100 MESH+269,584# OF 16/30 OTTAWA+ 54,480 LBS 16/30 CRC, Perf 7375'-7766' w/6 spf, 24 holes, SPOTTED 1000 GALS 15% SET CBP@ 7863' FRAC W/10,602 GALS OF SLICKWATER + 13,043 GALS WATER FRAC R-21 + 287,309 GALS SILVERSTEM R-21 X/L CARRYING 4321 #100 MESH=265,837 LBS OF 16/30 BROWN+ 54,988 LBS 16/30 CRC, Perf 6790'-7180' w/6 spf,24 holes, SPOTTED 1000 GALS 15% SET CBP@ 7278 FRAC W/8,694 GALS OF SLICKWATER + 11,668 GALS

prod to g wt?

*Added 7/5/2012
copied for record*

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

Electronic Submission #140889 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/20/2012 (12KMS2435SE)

NMOCD

Name (Printed/Typed) BRIAN MAIORINO	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/18/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 07/01/2012
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 Carlsbad

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 #140889 that would not fit on the form

32. Additional remarks, continued

WATER FRAC R-21 + 286,790 GALS SILVERSTEM R-21 X/L CARRYING 3924 #100 MESH= 264,557 LBS OF 16/30 BROWN+ 50,543 LBS 16/30 CRC, Perf 6205'-6595' w/6 spf, 24 holes,
2/29/12 SPOTTED 1000 GALS OF ACID, frac w/7500 gals of slickwater + 12,304 gals Waterfrac R(21) gel+ 290,245 gals Silverstim LT-R(21) X-linked gel, carrying 4225# 100 mesh+ 267,257 16/30 brown+51,058# 16/30 CRC
3/01/12 Perf 5620'-6010' w/6 spf,24 holes, SPOTTED 1000 GALS OF ACID, SET CBP@ 6108', FRACCED W/39,988 GALS OF SLICKWATER + 11,379 GALS OF WATERFRAC R(21) GEL+ 299,868 GALS SILVERSTEM LT-R(21) X-LINKED GEL CARRYING 4714# 100 MESH+ 273,440# 16/30 BROWN+ 45,792# 16/30 CRC, Perf 5035'-5425' w/6 spf, 24 holes, SPOTTED 750 GALS 15% ACID frac w/7,220 gals of slickwater + 13,639 gals Waterfrac R(21) gel+ 283,676 gals Silverstim LT-R(21) X-linked gel, carrying 4598# 100 mesh+ 266,312# 16/30 brown+ 48,987# 16/30 CRC
3/05/12 Drill out first plug @ 6108
3/09/12 Drill out 2ND CBP@ 6116' RU AIR FOAM UNIT, BROKE CIRC, DRILL PLUG, CONTINUE IN THE HOLE, TAGGED FILL@ 6670' WASH SAND DOWN TO 6705' (3RD CBP) DRILL PLUG, CONTINUE IN THE HOLE TAGGED @ 7285' (4TH CBP) DRILL PLUG, CONTINUE IN THE HOLE, TAGGED UP ON 4TH CBP,PUSHED TO 7626' FINISH DRILLING UP CBP, CONTINUE IN THE HOLE TAGGED 5TH CBP (7863')DRILL CBP, CONTINUE IN THE HOLE DID NOT SEE 6TH CBP (8448') CONTINUE IN THE HOLE TAGGED UP ON PEAK EXPANDABLE PORT@ 8547' CIRC HOLE CLEAN
3/15/12 PICK UP 2 7/8 J-55 GB TBG RIH. EOT@ 4231'. 4 1/2 x 2 7/8 T-2 ON/ OFF TOOL, 5 1/2" Arrowset Packer w/2.25 F profile nipple, 2 7/8 x 6' sub below the packer, 2.25 R landing nipple, Pump out plug (LEA COUNTY PACKERS), 130-2 7/8 JTS., 1-2 7/8 X 10' J-55 SUB, 1-2 7/8 X 8' J-55 SUB, 1-2 7/8 X 6' J-55 SUB
3/25/12 TIH WIT WEATHERFORD PC PUMP, SET RIGHT HAND T.A.C WITH 14K TENSION, NDBOP & NUWH TIH WITH ROTOR AND 1" N-90 RODS, WITH ONE ROD GUIDE PER ROD
3/27/12 TIH WITH RODS, PC PUMP MAN SPACED OUT WELL, WELL IS RUNNING.