

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**S****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.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007OCT 18 2007
OCD-ARTESIA**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator
COG Operating LLC3a Address
550 W. Texas Ave., Suite 1300 Midland, TX 797013b. Phone No. (include area code)
432-685-43404 Location of Well (Footage, Sec., T, R., M., or Survey Description)

2310' FNL & 880' FWL
Unit E, Section 20, T17S, R30E

5. Lease Serial No

NMLC-054988B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No

JENKINS B FEDERAL #13

9. API Well No.

30-015-31560

10. Field and Pool, or Exploratory Area

LOCO HILLS; PADDOCK (96718)

11. County or Parish, State

EDDY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

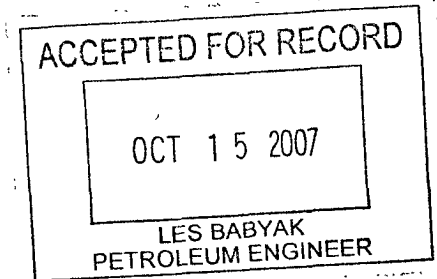
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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	

CONVERT TO**INJECTION**

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.)

SEE ATTACHMENT

Authority to inject may not be granted
until well has been MIT tested
& chart on file in NMOC.
G. Guye
NMOC

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Phyllis Edwards

Title Regulatory Analyst

Signature

Date

10/05/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

ACCEPTED FOR RECORD

Date

OCT 19 2007

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.

(Instructions on page 2)

Gerry Guye, Deputy Field Inspector
NMOC-District II ARTESIA

3160-05 ATTACHMENT CONVERT TO INJECTION

JENKINS B FEDERAL #13
API 30-015-31560

CONVERT TO INJECTION WELL

- 08/23/07 Test/tag anchors. MIRU Eunice Wel Service WSU. Lock-out/tag-out power. Bridle down, release pump, LD 22' 1 1/4" polish rod, LD 185 - 3/4" steel rods, 2 1/2" X 2" X 20' insert pump. MIRU reverse unit, frac tank. Pump 60 bbls LSW via annulus. ND larkin type head. Release tubing anchor. NU BOP. Release TA. Tally out 151 jts 2 7/8" tbg. PU 4 3/4" bit, casing scraper. TIH to 4,000'. SDFN.
- 08/24/07 SITP - 130 psi. Blow down. TIH, tag PBTD @ 4,838'. Pump 200 bbls, no circ. TOOH. PU CIBP, set @ 4,237'. TOOH. PU treating packer. TIH, set packer @ 4,143'. Load tbg w 18 bbls LSW. Pressure test CIBP, tubing to 1,500 psi for 30 min. TOOH. SDFWE
- 08/27/07 SICP - 60 psi. Blow down. PU EZ drill cement retainer. TIH on tbg. Set @ 3,830'. Establish injection rate of 1,650 psi @ 1.5 bpm. Wait on cement eqp.. Pump 40 bbls LSW. Mix 80 sacks Class C plus additives @ 14.8#/gal. Displace tbg w LSW @ 1/2 bpm, Squeeze to 2,400 psi. Sting out of retainer. TOOH. SDFN
- 08/28/07 SICP - 40 psi. Blow down. PU EZ drill cement retainer. TIH on tbg. Set @ 3,335'. Establish injection rate of vacuum @ 5 bpm. Pump 40 bbls LSW. Mix 300 sacks Class C plus additives @ 14.8#/gal. Displace tbg w LSW @ <1 bpm, No pressure, overdisplace w 20 bbls. Wait on cement. Mix and pump 300 sks Class C neat @ 14.8#/gal. Squeeze to 2,000 psi with 255 sks below retainer. Sting out of retainer. TOOH. Pump 120 bbl @ 5 bpm down casing. SIFN. Prepare to squeeze third set Wednesday AM.
- 08/29/07 SICP - 0 psi. PU EZ drill cement retainer. TIH on tbg. Set @ 3,021'. Load and pressure annulus to 500 psi. Establish injection rate of vacuum @ 5 bpm. Pump 30 bbls LSW. Mix 300 sacks Class C plus additives @ 14.8#/gal. Displace tbg w LSW @ <1/2 bpm, No pressure, over displace w 20 bbls. Wait on cement. Mix and pump 300 sks Class C + 150# CaCl2 @ 14.8#/gal. Squeeze to 1,650 psi with 235 sks below retainer. Sting out of retainer. Reverse 12 1/2 bbls cement to tank. TOOH, LD stinger. PU new 4 3/4" bit, sub, 6 - 3 1/2" DCs, XO, 50 jts tbg. SDFN.
- 08/30/07 SICP - 0 psi. TIH, tag cement @ 3,015'. Pressure test casing 500 psi for 40 min. Drill cement/cement retainer/cement to 3,152' SDFN.
- 08/31/07 SICP - 0. Drill cement retainers/cement to 3,890'. Stand back 20 stands. SDFWE.
- 09/04/07 SICP - 0. PU packer, TIH, set @ 3050'. Pressure annulus to 625 psi, holds good. Pressure test casing. Very slow bleed off: 500 psi to 400 psi in 10 min, Pressure to 2,000 psi. Bleed to 1,200 in 10 min. TOOH, LD packer. TIH, spot 35 sks Class H cement w FL from 3,241' to 3,000'. TOOH. PU packer, TIH to 1,500 psi. Pressure to 1,350 psi. Watch 1 hr. SI tbg. SDFN

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09/05/07 SICP - 0, SITP - 0. Release packer, TOO. PU 4 3/4" bit, 6 - 3 1/8" collars, 2 7/8" tbg. Close BOP, pressure test casing to 500 psi for 30 min. Tag cement top @ 3,000'. Drill cement to retainer @ 3,335'. Close BOP, pressure squeeze/csg to 500 psi for 30 min. SDFN.

09/06/07 SICP - 0, SITP - 0. Drill out cement retainer, cement to 3,500'. TOO, bit worn. PU new 4 3/4" Varrel bit, TIH. SIFN

09/07/07 SICP - 0. Drill cement to 3,830' Pressure test casing. RE-test. Shut down to let fluid settle and bring in chart recorder. SIFN

09/08/07 SITP - 0. Pressure test casing to 500 psi, 30 min, 18 psi bleed-off. Drill cement retainer/cement to 3910'. SDFN.

09/10/07 SITP - 0. Drill cement to CIBP @ 4,237' Pressure test casing to 500 psi, 30 min, <20 psi bleed-off. Drill CIBP retainer/cement. Casing on strong vacuum. Push plug to PBD @ 4,815'. Pump 200 bbls via csg. TOO. LD bit, collars. PU Arrowset packer, SN, 135 jts tbg. Set packer @ 4,236'. Load and pressure annulus. SIFN

09/11/07 SITP - 240 psi. SICP - 0. Pressure and monitor annulus 200 psi. Acidize via tbg w 2,500 gal 15% HCl NeFe carrying 150 7/8" 1.3SG RCN ballsealers @ 6 bpm, 100 psi. Flush plus overflush with 76 bbls LSW. ISIP - strong vacuum. Release packer. TIH w 7 stands to knock off balls. Repair rig. LD 2 7/8" tbg, packer. SIFN

09/12/07 SICP - 200 psi. Blow down to tank. PU PC WLRG, PC AS1X packer, PC 2.25" SN, 137 jts PC 2 7/8" tbg. Set packer @ 4,217' in 10K tension. Load and pressure annulus. ND BOP. NU wellhead. Schedule MIT test for Friday AM.

FINAL REPORT