OCD Artesia

Form 3160-5
(August 2007)

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.

5. Lease Serial No.
NMNM02447

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891000326X NM-68294X

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
BIG EDDY UNIT 257H

2. Name of Operator
BOPCO LP
Contact: ROSALINDA COBOS
E-Mail: rcobos@basspet.com

9. API Well No.
30-015-42006-00~~-X1~~ S1

3a. Address
P O BOX 2760
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-683-2277

10. Field and Pool, or Exploratory
HACKBERRY

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 33 T19S R31E NWSE 1670FSL 2530FEL
32.365082 N Lat, 103.522391 W Lon

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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.)

See Attached

7-8-14
Accepted for record
NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 07 2014
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #244018 verified by the BLM Well Information System
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/09/2014 (14CQ0252SE)

Name *(Printed/Typed)* CHRIS VOLEK — Title DRILLING ENGINEER

Signature (Electronic Submission) — Date 04/30/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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 _____

ACCEPTED FOR RECORD
June
JUN 28 2014
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**

BEU #257H Drilling Operations Sundry

02/02/2014 – SPUD

02/03/2014 – Drilled 18-1/8" surface hole to 769'. Ran 18 jts 16", 84#, J-55, BTC set at 768'.

02/04/2014 – Halliburton cemented 16" surface casing as follows: Lead - 500 sks Econocem (12.9 ppg,1.88 cu ft/sk yield), followed by Tail - 300 sks Halcem (14.8 ppg, 1.33 cu ft/sk yield). Circulate 418 sks to half pits with 280 psi final circ pressure. WOC 24 hrs.

02/05/2014 – Begin testing choke, TIW, inside gray valve, IBOP, choke manifold, and kill line valves, diverter system to 250 psi low and 1,000 psi high All good tests.

02/06/2014 – Test casing with 9.8 ppg drilling fluid. Apply 609 surface psi to test casing @ 1,000 psi hold 30 minutes. Good test.

02/09/2014 – Drilled 14-3/4" 1st Intermediate hole to 2,624'. Ran 58 jts of 13-3/8", 68#, N-80, UFJ, set at 2,614'. Lead - 600 sks Prem + C, (12.9 ppg, 1.85 cuft/sk yield). Tail with 300 sks Prem + C (14.8 ppg, 1.33 cuft/sk yield), displace with 367 bbls fresh water. Plug down @ 2:54 PM CST. Circulated 102 bbls, 309 sks cement to half frac. WOC 12 hrs

02/10/2014 – Make final cut on 13-3/8" casing, install Cameron B-section and test to 1300 psi. Good test. WOC 12 hrs. Test body, pipe rams, mud cross, and valves, choke line and valves, choke manifold, upper and lower Kelly valves, TIW valve, Inside BOP, stand pipe, mud lines back to both pumps, and floor safety valve to 250 psi low and 3000 psi high. Test annular preventer to 250 psi low and 2500 psi high. Test casing to 1500 psi for 30 minutes. All good tests.

02/14/2014 – Drilled 12-1/4" 2nd Intermediate hole to 4,160'. Ran 99 jts 9-5/8", 40#, N-80, LTC set at 4,151'. Stage 1 Lead - 800 sks Extendacem (13.5 ppg, 1.74 cu ft/sk yield). Displace with 308 bbls FW with final circ pressure of 924 psi. Bumped Plug at 11:15 PM 02/14/2014 with 1380 psi. Held pressure for 5 minutes, floats held, bled back 2.0 bbl. Return 120 bbls during first stage. Drop Davis Lynch DV/ECP tool opening bomb, allow bomb to fall for 15 minutes. Pressure up to 750 psi @11:57 PM, to open DV tool. 1.75 Pump with Halliburton pump truck at 6 bpm with 667 psi. from DV tool to surface. 120 bbls cement to surface. WOC 6 hrs.

02/15/2014 – Cement 2nd stage of 9-5/8" 2nd intermediate casing. Lead - 800 sks Econocem (12.9 ppg, 1.85 cu ft/sk yield) followed by Tail – 100 sacks Halcem D (14.8 ppg, 1.33 cu ft/sk yield). Drop Davis Lynch DV tool closing plug and displace with 205 bbls fresh water. Bump plug with 1272 psi final circ pressure and close DV tool with 2,450 psi @ 8:48 PM CST 02-15-2014. Release pressure and bled back 2 bbl - DV tool closed and holding. Had full return throughout entire cement job. Circulated 303 sacks – 100 bbls of lead cement to surface. WOC 48 hrs.

02/16/2014 – Test well head flange, C-section flange, and spacer spool flanges to 3,000 psi high and 250 low, tested 9-5/8" casing to 3,000 psi. All tests good.

02/25/2014 – Function test annular (Good test) RIH with a total of 198 jts of 7", 26 ppf, HCP-110, LTC casing. Torque turn casing to 7,000 ft-lbs filling up every 25 jts. Hit tight spot at 8,657', work stuck casing from 235K to 335K, 100K over string weight, pipe free. Work 5 joints of 7", 26 ppf, HCP-110 BTC casing through tight hole from 8,657' to 8,908', for a total of 202 joints ran with 100 SPM, 411 GPM, 442 PSI, full circulation. Inspect brake system, broken

brake band on drillers side of draw works. Tool pusher contacted Latshaw to locate new brake b bands. Wait on new brake bands. Continue to circulate with 100 SPM, 411 GPM, 442 PSI, full circulation.

02/26/2014 – Wait on brake bands for draw works. Remove gauds and old brake bands. Replace brake bands, while replacing bands toolpusher noticed equalizer bar was seized up, pull equalizer bar and send to machine shop for repair. Wait on machine shop to repair equalizer bar. Install repaired equalizer bar on brakes system. Pump 100 bbls of crude oil, spot 20 bbls of oil from 8,909' to 8,150' and let oil soak. Work stuck 7" 26 ppf, HCL-110, BTC casing, String weight - 235K, working up to 350 Klbs and down to 50 Klbs, moving 5 bbls of crude oil once an hour as per Leo Bolorquez. No movement on casing.

02/27/2014 – Work stuck 7" 26 ppf, HCL-110, BTC casing. String weight - 235 Klbs, working up to 350 Klbs and down to 50 Klbs, moving 5 bbls of crude oil once an hour as per Leo Bolorquez. No movement on casing. Remove elevators to inspect 7" casing where slip type elevators were on pipe, elevators were stuck on pipe, work on elevators. Pump 90 bbls of AllTex mud and spot 30 bbls on back side from 8,909' to 7,785'. Work stuck 7" 26 ppf, HCL-110, BTC casing. String weight - 235 Klbs, working up to 350 Klbs and down to 50 Klbs, moving 5 bbls of AllTex mud once an hour as per Leo Bolorquez. No movement on casing. Circulate with rig pump while rigging down Express Energy casing crew, lay down machine, and Torque- It-Up torque turn, Hold safety meeting with all third party crews prior to cementing first stage. Test lines to 5,000 psi, good test. Cement 1st stage of 7" intermediate casing as follows: Lead - 300 sks Tuned Light (11.0 ppg, 2.64 yield) followed by Tail - 150 sks Versacem (13.0 ppg, 1.67 cu ft/sk yield). Displaced with 170 bbls FW and 163 bbls of mud with FCP 1,140 psi and bumped plug with 1,492 psi at 8pm CST on 2/27/2013. Release pressure and bleed back 2 bbls, floats holding. Full returns throughout cement job. Drop DV tool opening bomb. Wait on DV opening bomb to fall. Open DV tool and break circulation with 571 psi. Circulate first bottoms up with Halliburton pump truck and circulated 67 bbls (142 sks) of cement to surface. Cement 2nd stage of 7" intermediate casing as follows: Primary – 300 sks (125 bbls) Tuned Light (11.0 ppg, 2.35 cu ft/sk yield). Drop DV tool closing plug and displace with 182 bbls FW.Bump plug with 920 psi FCP. Close DV tool with 2,500 psi (1,580 psi over final pump pressure) at 04:00 AM CST 2/28/14. Release pressure and bled back 1.5 bbl, DV tool holding closed. Full return through out cement job. Casing set and cemented at 8,909.72' with DV tool at 4,748.80'. Rig down Halliburton cement equipment. Rig up Battle Energy Services winches, nipple down BOP's, to set casing slips. WOC 24 hrs

02/28/2014 – Test 4" rams, TIW, dart valve to 250 psi low and 3,000 psi high for 10 min, all good tests. Test casing to 2000 psi for 30 minutes. Good test.

03/01/2014 – Test 7", 26 ppf, HCP-110 BTC casing after drilling DV tool to 2000 psi for 30 minutes. Good test.

03/11/2014 – Float in a total of 146 jts of 4-1/2", 11.6 ppf, HCP-110, BTC with Peak Frac Point system equipment with 21 OH packers and 20 sleeves. Hole giving proper displacement while floating in.

03/14/2014 – Rig Released