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.
NMLC069705

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
BIG EDDY UNIT DI 2 1H

2. Name of Operator
BOPCO LP
Contact: WHITNEY MCKEE
E-Mail: wbmckee@basspet.com

9. API Well No.
30-015-41820-00-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
WILLIAMS SINK

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 34 T19S R31E NENE 660FNL 1255FEL
32.372021 N Lat, 103.510720 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.)

12/20/2013 Spud at 9:45 AM CST 12-20-13.
12/23/2013 Drill 18-1/8" hole to 1025'. Ran 24 jts 16", 84#, J-55, BTC set at 1024?. Lead - 600 sks EconoCem (12.9 ppg,1.88 cu ft/sk yield) followed by Tail ? 300 sks Halcem C (14.8 ppg, 1.33 cu ft/sk yield). Displace with 216 bbls of produced water. Circ 373 sks cement to half pits with 253 psi FCP. WOC 11 days, 13.5 hrs.
01/03/2014 Test choke, TIW, inside gray valve, IBOP and diverter system to 250 psi low/1,000 psi high, all good tests
01/07/2014 Drill 14-3/4" hole to 2,688'. Ran 62 jts of 13-3/8", 68#, HCL-80, UFJ, set at 2,687'. Lead 700 sks (230 bbls) Class C (12.9 ppg,1.85 cu ft/sk yield), followed by Tail 225 sks (53 bbls) Class C (14.8 ppg,1.33 cu ft/sk yield). Circ 319 sks (105 bbls) cement to half pits with 1120 psi FCP. WOC 30.5 hrs.
01/09/2014 Test choke manifold, blind rams, both 5? pipe rams, 2? and 4? valves on BOP stack and

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 30 2014
RECEIVED

CRD 7-2-14
Accepted for record
NMOCD

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

Electronic Submission #247811 verified by the BLM Well Information System
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/05/2014 (14CQ0081SE)

Name *(Printed/Typed)* CHIRS GIESE — Title DRILLING ENGINEER

Signature (Electronic Submission) — Date 06/02/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS, Title SUPERVISOR EPS — Date 06/22/2014

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #247811 that would not fit on the form

32. Additional remarks, continued

Mathena choke to 250 psi low/3,000 psi high. Test annular to 250 psi low/2,500 psi high ? all good tests. Test casing to 1,500 psi, good test.
01/12/2014 Drill 12-1/4? hole to 4,242?. Ran 100 jts 9-5/8?, 40#, N-80 and LTC set at 4,236'. 1st Stage Lead 700 sks Extendacem C (13.5 ppg,1.74 cu ft/sk yield). Displace with 314 bbls FW with 741 psi FCP. Bump plug with 1,373 psi. Held pressure for 5 minutes, floats held, bled back 2.0 bbls. Got returns back 240 bbls into displacement. Drop Davis Lynch DV/ECP tool opening bomb, allow bomb to fall for 15 minutes. Pressure up to 1000 psi, inflate ECP and open DV tool. Pump with rig pump at 4 bpm with 200 psi. from DV tool to surface with full returns. Return 10 bbls of cement to surface off of DV tool.
01/13/2014 Stage 2 Lead 750 sks Econocem C (12.9 ppg,1.85 cu ft/sk yield), followed by Tail 250 sks Cemex Premium Plus C (14.8 ppg,1.33 cu ft/sk yield). Drop Davis Lynch DV/ECP tool closing plug and displace with 206 bbls FW. Bump plug with 711 psi FCP and close DV tool with 2303 psi. Release pressure and bled back 2 bbls - DV tool closed and holding. Had full return throughout entire cement job. Circ 111 bbls - 337 sacks of lead cement to surface. WOC 16 days, 13.25 hrs.
01/29/2014 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 1,500 psi. All tests good.
02/07/2014 Drill 8-3/4? hole to a depth of 9,570?. MU 7? float shoe, 2 jt. 7" 26#, HCP-110, BTC casing and float collar. Pump through floats. Good test. RIH with a total of 215 jts of 7", 26 ppf, HCP-110, BTC casing.

12/20/2013 Spud at 9:45 AM CST 12-20-13.

12/23/2013 Drill 18-1/8" hole to 1025'. Ran 24 jts 16", 84#, J-55, BTC set at 1024'. Lead - 600 sks EconoCem (12.9 ppg,1.88 cu ft/sk yield) followed by Tail – 300 sks Halcem C (14.8 ppg, 1.33 cu ft/sk yield). Displace with 216 bbls of produced water. Circ 373 sks cement to half pits with 253 psi FCP. WOC 11 days, 13.5 hrs.

01/03/2014 Test choke, TIW, inside gray valve, IBOP and diverter system to 250 psi low/1,000 psi high, all good tests

01/07/2014 Drill 14-3/4" hole to 2,688'. Ran 62 jts of 13-3/8", 68#, HCL-80, UFJ, set at 2,687'. Lead 700 sks (230 bbls) Class C (12.9 ppg,1.85 cu ft/sk yield), followed by Tail 225 sks (53 bbls) Class C (14.8 ppg,1.33 cu ft/sk yield). Circ 319 sks (105 bbls) cement to half pits with 1120 psi FCP. WOC 30.5 hrs.

01/09/2014 Test choke manifold, blind rams, both 5" pipe rams, 2" and 4" valves on BOP stack and Mathena choke to 250 psi low/3,000 psi high. Test annular to 250 psi low/2,500 psi high – all good tests. Test casing to 1,500 psi, good test.

01/12/2014 Drill 12-1/4" hole to 4,242'. Ran 100 jts 9-5/8", 40#, N-80 and LTC set at 4,236'. 1st Stage Lead 700 sks Extendacem C (13.5 ppg,1.74 cu ft/sk yield). Displace with 314 bbls FW with 741 psi FCP. Bump plug with 1,373 psi. Held pressure for 5 minutes, floats held, bled back 2.0 bbls. Got returns back 240 bbls into displacement. Drop Davis Lynch DV/ECP tool opening bomb, allow bomb to fall for 15 minutes. Pressure up to 1000 psi, inflate ECP and open DV tool. Pump with rig pump at 4 bpm with 200 psi. from DV tool to surface with full returns. Return 10 bbls of cement to surface off of DV tool.

01/13/2014 Stage 2 Lead 750 sks Econocem C (12.9 ppg,1.85 cu ft/sk yield), followed by Tail 250 sks Cemex Premium Plus C (14.8 ppg,1.33 cu ft/sk yield). Drop Davis Lynch DV/ECP tool closing plug and displace with 206 bbls FW. Bump plug with 711 psi FCP and close DV tool with 2303 psi. Release pressure and bled back 2 bbls - DV tool closed and holding. Had full return throughout entire cement job. Circ 111 bbls - 337 sacks of lead cement to surface. WOC 16 days, 13.25 hrs.

01/29/2014 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 1,500 psi. All tests good.

02/07/2014 Drill 8-3/4" hole to a depth of 9,570'. MU 7" float shoe, 2 jt. 7" 26#, HCP-110, BTC casing and float collar. Pump through floats. Good test. RIH with a total of 215 jts of 7", 26 ppf, HCP-110, BTC casing.

02/08/2014 Cement 1st stage of 7" intermediate casing. Lead 450 sks Tuned Light (11.0 ppg,2.65 cu ft/sk yield) followed by Tail 120 sks VersaCem H (13.0 ppg,1.67 cu ft/sk yield). Displace with 361 bbls FW with 1056 FCP. Bump plug with 1956 psi FCP. Release pressure and bled back 2 bbls, floats holding. Full return throughout entire cement job .Drop DV tool opening bomb. Open DV tool with 704 psi, circ 70 bbls cement to surface. Switch to rig pump and circulate through DV tool @ 50 SPM, 5 BPM. Cement 2nd stage of 7" intermediate casing. Lead 350 sks Tuned Light System (11.0 ppg, 2.23 cu ft/sk yield). Drop DV tool closing plug and displace with 188 bbls FW. Bump plug with 825 psi FCP. Close DV tool with 2,628 psi at 10:00 PM CST 02/08/2014. Release pressure and receive 1.5 bbls back, DV tool holding closed. Casing set and cemented at 9,540' with DV tool at 4,929'.

03/01/2014 NU 13-5/8" 5M BOP stack with (2) VBR pipe rams, blind rams, annular, mud cross, kill and choke valves, related hydraulic lines, and choke line to manifold. Test choke manifold valves to 250 psi low and 3,000 psi high. All good tests. Attemped to test blind rams but test failed. Decision was made to replace the bit guide and redress the test plug. Test floor valves and mud line valves to 250 psi low and 3,000 psi high while waiting for Cameron new bit guide and pack-off combo. All good tests. Test blind rams, pipe rams, Kill line valves and choke line valves to 250 psi low and 3,000 psi high. Test annular to 250 psi low and 2,500 psi high. All good tests. Test 7" casing above DV tool to 3,000 psi for 30 min and record the test on chart, good test.

03/19/2014 Drill 6-1/8" hole to a depth of 15,164'. PU and torque turn double valve 10K float shoe, double valve 10K float collar, WIV tool, one jt of 4-1/2", 11.6 ppf, HCP-110, BTC casing and test floats, good test. PU and MU a total of 127 jts of 4-1/2", 11.6 ppf, HCP-110, BTC casing with Baker Frac Point system equipment including 19 OH packers and 18 sleeves. Hole giving proper displacement while floating liner in hole. PU Baker S-3 hanger packer and Type 3 HRDE Tie Back Extension. TIH with 33 stands of 4" HWDP, 10 stands of 4-3/4" DC and 54 stands of 4" DP at report time to 14,754'. Hole giving proper displacement while floating liner in hole.

03/20/2014 TIH with 33 stands of 4" HWDP, 10 stands of 4-3/4" DC and 59 stands of 4" DP to 15,164' and tag bottom. Hole giving proper displacement while floating liner in hole. Test lines to 5,000 psi, good test. Drop 1-1/4" WIV tool ball. Pump 132 bbl of 2% KCL. Ball seated in WIV tool after 132 bbl total pumped. Ball landed with 784 psi FCP. Pressure up to 2,200 psi, hold pressure fo 5 min and set Baker S3 liner hanger packer. Set down 60K lbs and pull 60K lbs over string weight to ensure liner hanger set, good test. Pressure up on backside to 1,500 psi and hold to verify liner top not leaking, good test. Pressure up on DP and inside of liner to 3,200 psi to set open hole packers and release setting tool. Received positive indication of OH packers stroking. Hold for 10 min, bleed off pressure. Sting out of packer and POOH with 2 jts, liner set and released from. Set depth 15,154', TOL at 9,439'. Function test BOP, good test.

03/21/2014 NU tubing head: 7-1/16" 5M WP top flange x 11" 5M WP bottom flange (2) 2-1/16" 5M valves with capping flanges. Test to 5,000 psi for 10 minutes, good test. Release Latshaw #18 at 6:00 PM CST on 03/21/14.