Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 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.						July 31, 2010
					5. Lease Serial No. NMLC068431	
					6. If Indian, Allottee o	r Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. 891000303F	
Type of Well ☐ Gas Well ☑ Other: INJECTION					8. Well Name and No. NASH DRAW 8 F	EDERAL SWD 1
2. Name of Operator BOPCO LP	CKEE		9. API Well No. 30-015-41351-00-S1			
3a. Address	Ph: 432-68			nclude area code) 10. Field and Pool, or POKER LAKE		Exploratory
MIDLAND, TX 79702 4. Location of Well (Footage, Sec., 7		11. County or Parish, and State				
Sec 8 T24S R30E NWSW 2075FSL 630FWL					EDDY COUNTY, NM	
360 0 1243 N30E 1444044 20131 3E 0301 44E					LDD1 GOON11, NW	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF N	OTICE, REI	PORT, OR OTHE	R DATA
TYPE OF SUBMISSION	TYPE OF ACTION					
□ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Production	on (Start/Resume)	☐ Water Shut-Off
Subsequent Report ■	☐ Alter Casing	_	cture Treat	□ Reclamat		☐ Well Integrity
	Casing Repair	_	v Construction	☐ Recomple		
☐ Final Abandonment Notice	☐ Change Plans ☐ Plu☐ Convert to Injection ☐ Plu☐ ☐ Plu☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		g and Abandon	☐ Temporarily Abandon☐ Water Disposal		zg operaneno
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 Abandomment 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.) 08/04/2013 ? SPUD 08/07/2013 ? Drill 18-1/8" hole to 1,183'. Ran 28 jts 16", 84#, J-55, BTC set at 1,188?. Lead - 365 sks Class C, followed by Tail - 525 sks of Class C. Circ 68 to surface. WOC 24 hrs. 08/08/2013 ? Test wellhead to 500 psi. Good test. Test annular, HCR, choke manifold and related equipment to 250 psi low/1,000 psi high. 08/09/2013 ? Test floor valves, upper top drive valves and mud lines to 250 psi low/1,000 psi high. 08/10/2013 ? Test annular to 250 psi low/1,000 psi. Good test. 08/11/2013 ? Test 16? casing to 1,500 psi. Good test. 08/11/2013 ? Test 16? casing to 1,500 psi. Good test. 08/11/2013 ? Test 16? casing to 1,500 psi. Good test. 08/11/2013 ? Lead ? 760 sks Class C, followed by Tail - 280 sks Class C. Circ 212 sks to half						
	# Electronic Submission For mitted to AFMSS for proce	BOPCO LP. se	nt to the Carlsbac NIFER MASON on	d 02/19/2014 (1	4JAM0209SE)	
Name (Printed/Typed) STEPHEN ORDOYNE			Title DRILLIN	IG ENGINEE	R	
Signature (Electronic	Date 01/13/20	014				
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE US	E	
Approved By ACCEPTED			JAMES A A TitleSUPERVIS			Date 02/22/2014
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to conditions.	Office Carlsbad	1				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any poster w	erson knowingly and ithin its jurisdiction.	willfully to mak	e to any department or	agency of the United

Additional data for EC transaction #231958 that would not fit on the form

32. Additional remarks, continued

pits. 08/18/2013 ? Test wellhead to 1,000 psi. Test mud line to 250 psi low/3,500 psi high. Test choke, rams and blinds to 250 psi low/5,000 psi high. Test annular to 250 psi low/3,750 psi high. Test casing to 2,200 psi. All good test. WOC 24 hrs. 09/09/2013 ? Drill 12-1/4? hole to 11,369?. Ran 249 jts 9-5/8", 53.5#, HCP-110, BTC set at 11,359' w/ DV Tool @ 5465?. Stage 1 Lead - 328 sks Class C, followed by Tail ? 1,659 sks Class C. 09/10/2013 ? Circ 83 sks to surface. Stage 2 Lead ? 465 sks Class C, followed by Tail ? 100 sks Class C. Circ 87 bbls of dyed FW to surface. WOC 24 hrs. 09/11/2013 ? Test wellhead to 1,500 psi. 09/12/2013 ? Test TIW valves, IBOP, lower kelly cock valve, bottom pipe rams and blind rams to 250 psi low/10,000 psi high. Test stand pipe and surface lines back to pump to 250 psi low/3,500 psi high. 09/14/2013 ? Test annular to 250 psi low/7,500 psi high. Test upper and lower pipe rams, blinds, kill valves and HCR to 250 psi low/10,000 psi high. All good tests. 09/15/2013 ? Test 9-5/8? casing to 3,020 psi. Good test. Rebuild standpipe and test to 3,500 psi. Perform FIT test to 14.0 ppge. Good test.

Nash Draw 8 Federal SWD #1 - Drlg Ops Sundry Cont.

10/13/2013 – Drill 8-1/2" hole to 15,678'. Ran 103 jts 7", 29 ppf, HCP-110, LTC. Csg stuck @ 14,734'.

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10/14/2013 – Pump 10 bbls FW spacer, followed by 34 bbls mud clean spacer and 10 bbls FW spacer. Pump 965 sks Class H. Bump plug. Floats held. Attempt to pull 15 stds. Cement set up. Begin fishing operations to recover 5" drill pipe and liner running tools.

10/17/2013 – Test pipe rams, blind rams, choke manifold, HCR valve, IBOP and floor valves to 250 psi low/10,000 psi high. Test annular to 250 psi low/5,000 psi high. All good tests.

11/14/2013 – Change out pipe rams to 3.5° – 5° VBRs. Test chokes, blind rams, upper & lower pipe rams, TIW and IBOP to 250 psi low/10,000 psi high. Test Hydril to 250 psi low/5,000 psi high. All good tests.

11/18/13 – Drill 6-1/8" hole to 16,950'. Drop Gyro and POOH. RU Schlumberger to run open hole logs.

11/23/13 – RU to preform injection test. Pumped 300 bbl produced water @ 8 bpm w/ 500 psi. Increased pump rate to 12 bpm w 540 psi. Pumped 476 bbls 20% HCL in 4 stages separated by 48 bbls rock salt @ 9 bpm followed by 200 bbl fresh water. Flushed w/ 1370 bbls produced water. Ending rate 11.3 bpm w/ 520 psi. Well instantly on a vaccumm.

11/24/2013 – RIH with 5.950" GB-JB/CCL/GR to 15,650. RIH with 7" Baker FA packer assembly. TOL @ 11,076' and BOL @ 15,675'. Stuck packer @ 14,266'. Not able to work free. Pulled out of rope socket. ND rotating head, annular preventer & BOPE.

11/25/2013 – Release Drilling rig.

12/9/13 – MOB Lucky Well Services pulling unit to fish packer and run production tubing.

12/14/13 - Mill over FA packer and push it to bottom.

12/17/13 – TIH w/ 6" guage ring and junk basket to 15,635'. Set Baker FA packer @ 15.625.

12/19/13 – Begin picking up 4-1/2" PH6 IPC tubing. Latch into FA packer @ 15,608' tubing tally. Test backside to 2500 psi. Rotate out of packer and displace annulus w/ 920 bbls fresh water. Space out tubing and landed w/ 35,000 lbs. ND BOP, and NU tubing head.

12/22/13 - Release Lucky Well Services pulling unit.

12/24/13 – RU kill truck on tubing. Pumped 400 bbls produced water @ 4 bpm w/200 psi to displace packer fluid w/ produced water. Place well on disposal w/ one (1) charge pump @ 16,000 BPD @ 45 psi 4-1/2" annulus static. Notifiy Artesia NMOCD officer Richard Inge.