Form 3160-5 (April2004)

## UNITEDSTATES DEPARTMENT OF THE INTERIOR

FURMAPPROVED OM B No 1004-0137 Expires March 31, 2007

## BUREAU OF LAND MANAGEMENT OCD-ARTESIA

5 Lease Serial No

SUNDRY NOTICES AND REPORTS ON WELLS			"	44		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.				6 If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7 If Unit or CA/Agreement, Name and/or No Blg Eddy Unit		
1 Type of Well Gas Well Other			8 Well Na	•		
2. Nameof Operator			Big Edd	Big Eddy #74		
BOPCO, L.P			1	9 API Well No 30-015-22839		
3a Address 3b Phone No (include area code) P.O Box 2760 Midland TX 79702 (432)683-2277			<b>\</b>	nd Pool, or Exploratory Ar	 rea	
4 Location of Well (Footage, Sec	CEIVED 4 2011		Flats (Delaware)	Cu		
UL B, 660' FNL, 1980' FE	<b>\</b>					
12. CHECK AI	PPROPRIATE BOX(ES)TO INDICATE	NATURE ON NO	ICE, REPORT, OF	R OTHER DATA		
12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF ACTION  TYPE OF SUBMISSION    Notice of Intent   Alter County   Action   Alter County   Al						
	X Acidize Deepen Deepen	Produ	ction (Start/Resume)	Water Shut-Off		
Notice of Intent	Fracture	reat Keciai	nation	Well Integrity		
X Subsequent Report	Casing Repair New Con			X Other Plugback A		
Final Abandonment Notice	Change Plans Plug and A  Convert to Injection Plug Back		orarily Abandon Disposal	& perf Delawar H2S Data	re,	
If the proposal is to deepen direct Attach the Bond under which it following completion of the instead by the strength of the instead of the	ly wishes to report the plugback followed w/ 30 sxs Class "H" cementst plug). PU 5-1/2 Alpha 10-K Clast on CIBP @ 11400'. POOH w/ to 11012'.  -3/8" prod tbg to tag TOC @ 11,3 to spot balanced plug across EO 35 sxs Class "H" cement same aw/ 38 jts 2-3/8" tbg; land EOT @ ss EOT @ 11012'. POOH w/ 11 jt & stand remainder back. on 5-1/2" csg. Csg 100% free @ gaining details.	face locations and measing on file with BLM/B litiple completion or record all requirements, including the many of the Atoka arms, flush same with BP & RIH w/ CC pols. Load csg w/ 72'. Pump 2 bbls T @ 11372', 251 s above to spot 19820'. Pumped 4 st bg to land EO	ured and true vertical del IA Required subsequer ompletion in a new interding reclamation, have been determined the addition of the addition of the addition of the set CIBP @ / 88 bbls 2% KCI is FW, 25 sxs Clast total cement or balanced plug act the cement plug T @ 9476' (30' actions and the cement plug T @ 9476' (30' actions actions and the cement plug T @ 9476' (30' actions act	pths of all pertinent markers at reports shall be filed within val, a Form 3160-4 shall be feen completed, and the operated of Delaware perfs in form 11400'. POOH w/ to lass "H" cement; flus in CIBP (2nd plug). Foross EOT @ 11012 (35 sxs) same as 3 above TOC). POOH	and zones in 30 days filed once ator has  the  ment ools. v/ 353 jts  sh same Pump 3rd 2' (314' ard plug to f w/ prod	
Name (Printed/Typed)  Valerie Truax		   Title Regulato	ry Admin Assista	ant		
Signature Islami Date 12/02/2009					· · · · · · · · · · · · · · · · · · ·	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE FOR RECORD						
certify that the applicant holds lega which would entitle the applicant	attached Approval of this notice does not warr	Title ant or lease Office	DEC 18 /s/ Dustin \	Date  2009  Ninkler  MANAGEMENT gency of the	ne United	
		1.0 j. 150	CARLSBAD FIE	LU OFFICE		

10/28/09 Beat on spear to free after 1-1/2" hrs. PU power swivel & dress bad csg for 1-1/2' to fall free. POOH w/ tools & LD same. Perf 5-1/2" csg (Bonespring) @ 6430' (4 shots). RIH w/ 208 jts 2-3/8" tbg to land EOT @ 6482' (51' below squeeze holes). Pump 5th cement plug, 30 sxs Class "C" cement, flushed cement w/ 23.8 bbls SW gel to spot balanced plug across EOT 7482' (323' TOC @ 6224'). POOH w/ 10 stands tbg to 6882'. Close tbg valve & squeeze 1.5 bbls cement into perfs.

10/29/09 Attempt to secure spear w/ no success. Cut 5-1/2" csg @ 4875'. POOH w/ 3 jts csg. LD 116 jts & 1-1/2 jts 5-1/2" prod csg. PU 2-3/8" cut lip collar & RIH w/ 155 jts 2-3/8" prod tbg to tag csg top @ 4875'. Rotate tbg & fall free. RIH w/ tbg to land EOT @ 4970'. Pump 6th cement plug 80 sxs Class "C" cement flush same w/ 18 bbls SWG to spot cement across EOT. POOH w/ 10 stands tbg and 2-3/8" prod tbg.

10/30/09 RIH w/ 147 jts 2-3/8" prod tbg to tag TOC @ 4593'. POOH w/ tbg. RIH w/ 147 jts 2-3/8" prod tbg as before, tag top of fill @ 4407'. RU pump & wash fill to TOC @ 4593'. POOH w/ 2-3/8" prod tbg.

10/31/09 Log wellbore from 4200'-200'. PU 2-3/8" notched collar & RIH w/ 112 jts 2-3/8" prod tbg land EOT @ 3500'.

11/01/09 Pump 7th cement plug 45 sxs Class "C" cement, flush same w/ 12.8 bls FWG to spot same across EOT @ 3500'. POOH w/ 12 stands tbg to land EOT @ 3375'. POOH w/ 1- stands tbg.

11/03/09 RIH w/ 2-3/8" prod tbg to tag TOC @ 3410'. POOH w/ prod tbg. RIH w/ 66 jts 5-1/2" & J-55 csg land EOT @ 3394' (16' above TOC). Pump 225 sxs Class "C" cement, flush w/ 78.5 bbls FW.

11/04/09 RU Black Warrior Wireline & RIH w/ CCI/Temp. Log revealed TOC @ 2050. RD BWW.

11/05/09 RIH w/ 105 jts tbg to tag PBTD @ 3298'. PU tbg & displace wellbore w/ 90 bbls 3% KCl. LD 13 jts prod tbg to land EOT @ 2865'. Pump 500 gals 10% acetic acid w/ additives, flush acid w/ 8.9 bbls 3% KCl to spot acid across EOT. POOH w/ tbg. Log PBTD 3293' to 2500'. Perf Delaware formation @ 2848'-2859' (30 shots). Reload csg w/ 4.3 bbls 3% KCl break down perfs, pump spot acid away w/ 12 bbls KCl. RIH w/ prod tbg to land pkr @ 2804' w/ EOT @ 2823'. Pump 5000 gals 7.5% HCl w/ additives, flush same w/ 50 bbls 3% KCl.

11/06-10/09 Swab well.

11/11/09 RIH w/ mud anchor jt, tbg sub, SN, prod tbg, TAC and land TAC @ 2826' w/ 10000# tension. SN @ 2889'.

11/13/09 Well returned to production.

Best test to date on 11/29/09: 150 BO, 15 BW, 0 MCF, TP 200 psi, LP 60 psi, CP 60 psi on 12/64" choke.

See attached Gas Analysis for H<sub>2</sub>S Data.

H<sub>2</sub>S 10,980 ppm

Gas Production 50 MCF/Day

100 ppm ROE: 69.23' 500 ppm ROE: 31.70'

No public roads or areas in ROE's.



## Laboratory Services, Inc.

2609 West Marland Hobbs, New Mexico 88240

Telephone: (575) 397-3713

FOR:

BOPCO

Attention: Dean Clemmer

522 W. Mermod #704

Carlsbad, New Mexico 88220

REMARKS:

SAMPLE DATA: DATE SAMPLED: 11/24/09 9:15 am

ANALYSIS DATE:

11/24/09

44

PRESSURE - PSIG SAMPLE TEMP. °F

ATMOS. TEMP. °F

H2S = 10,976 PPM

SAMPLE:

Separator Gas

IDENTIFICATION Big Eddy Unit #74

COMPANY:

**BOPCO** 

LEASE:

PLANT:

GAS (XX)

LIQUID ( )

SAMPLED BY:

Will McDaniel

ANALYSIS BY

Vickie Sullivan

## **COMPONENT ANALYSIS**

		MOL	
COMPONENT		PERCENT	GPM
Hydrogen Sulfide	(H2S)	1.098	
Nitrogen	(N2)	2 996	
Carbon Dioxide	(CO2)	0.501	
Methane	(C1)	36 038	
Ethane	(C2)	37.214	9.929
Propane	(C3)	15.178	4 172
I-Butane	(IC4)	1.967	0.642
N-Butane	(NC4)	3.004	0.945
I-Pentane	(IC5)	0 667	0 243
N-Pentane	(NC5)	0 496	0 179
Hexane Plus	(C6+)	0.841	0 365
	•		

100.000

BTU/CU.FT. - DRY 1660 AT 14 650 DRY 1655 AT 14 650 WET 1626 AT 14.73 DRY 1664 AT 14 73 WET 1635

SPECIFIC GRAVITY -

CALCULATED **MEASURED** 

1.020

16 475

MOLECULAR WT 29 6042