

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5 Lease Serial No NMLC069144A	
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff Resrv. Other _____		6 If Indian, Allottee or Tribe Name	
2 Name of Operator BOPCO, L P		7 Unit or CA Agreement Name and no NM68294X	
3 Address P O Box 2760 Midland TX 79702		8 Lease Name and Well No Big Eddy 133	
3a Phone No (include area code) (432)683-2277		9 API Well No 30-015-28043	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface UL F, 1980' FNL, 1780' FWL At top prod interval reported below Same At total depth Same		10 Field and Pool, or Exploratory U.S. (Delaware)	
14 Date Spudded 12/18/2009		15 Date TD Reached 01/07/2010	
16 Date Completed ☐ D & A ☒ Ready to Prod 01/07/2010		17 Elevations (DF, RKB, RT, GL)* 3464 1'	
18 Total Depth MD 7150' TVD		19 Plug Back TD MD 5260' TVD	
20 Depth Bridge Plug Set MD 5300' TVD		22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit copy)	
21 Type of Electric & Other Mechanical Logs Run (Submit copy of each)			

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4"	42#*	0'	400'		300 sxs		0' Circ	
11"	8-5/8"	32#**	0'	3091'		870 sxs		0' Circ	
7-7/8"	5-1/2"	15.5#***	0'	7150'	6,000' DV	1035 sxs		2050' TOC	
	5-1/2"	15.5#***	14'	7,150'					

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	3415'	3337'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Delaware	3358'	7,006'	3368'-3386'	40	54	Producing
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5309'-21', 6,470'-74'	6,530'-42', 6,970'-90' Below BPs set @ 6,950', 6,520', 6,450'
5260'-5300'	CIBP set @ 5,300' + 40' cmt
3406'-3407', 3414'-3415'	Squeezed holes
3368'-3386'	Acidized w/ 3000 gals 7-1/2% HCl w/ additives

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
01/07/10	01/15/10	24	→	36	0	99	34.5	21.8 mef	Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
W/O	200	35	→				NA	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

JUL 26 2010
Is/ Roger HallBUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30 Summary of Porous Zones (Include Aquifers)

Show all important zones or porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas Depth
Ramsey Sand	3368'	3376'	Oil	T/Rustler	390'
Cherry Canyon Sand	5,309'	5,321'	Oil	T/Salt	650'
				T/Lamar Lime	3274'
				T/Delaware Sand	3358'
				T/Bone Spring	7006'

32 Additional remarks (include plugging procedure)

*42#, H-40, ST&C

**32#, WC-50, LT&C

***15 5#, K-55, LT&C

****5-1/2", 15.5#, K-55, LT&C

33 Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd) ☐ Geological Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Valerie Truax

Title Regulatory Clerk

Signature

Date 06/18/2010

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



Downhole Profile - Vertical Wells

BOPCO, L.P. - West Texas

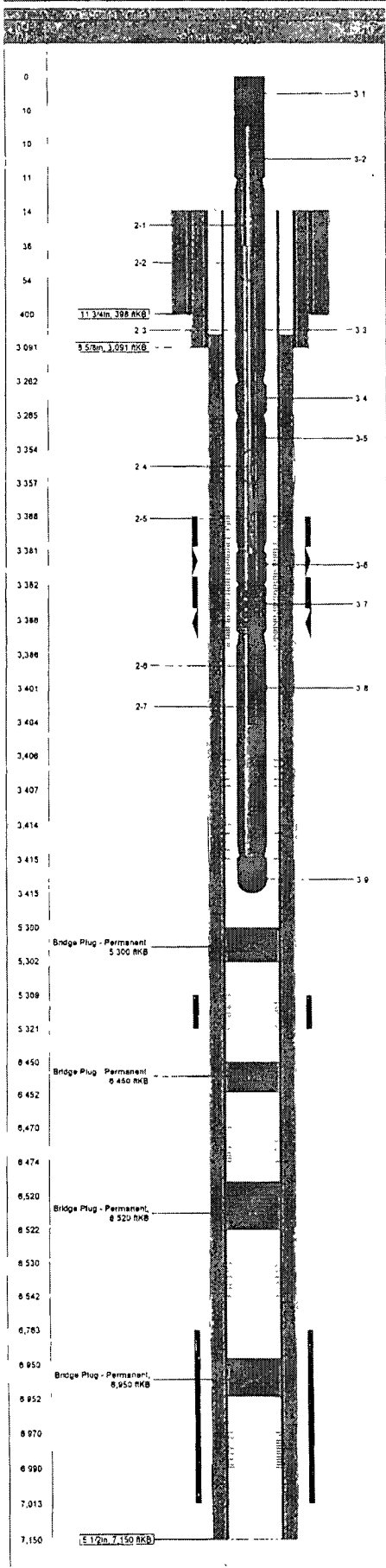
Well ID: 30-015-28043

Well Name: BIG EDDY UNIT #133

Field: US - Delaware

Section: 27 Town: 12 S Range: 29 E County: Eddy State: New Mexico

Surface Location: 1980' FNL & 1780' FWL



Well Information			
C-Grd Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date
3478.00	3464.00	14.00	9/1/1994
On Product on Date		PBDT (An) (ftKB)	
9/17/2009		Original Hole - 5260.0	
Wellbore			
Wellbore Name: Original Hole		Kick Off Depth (ftKB)	
14.34		14.0	
7.78		3091.0	
3091.0		400.0	
3091.0		3091.0	
3091.0		7150.0	
Casing Strings			
Surface	Original Hole	11.34	42.00 H-40
Intermediate	Original Hole	5.52	15.50 H-55
Production	Original Hole	5.12	15.50 H-55
Perforations			
2/28/2009	3385.0	3385.0	Ramsey Sand, Original Hole
12/19/2009	3385.0	3385.0	Ramsey Sand, Original Hole
12/19/2009	3406.0	3407.0	Ramsey Sand, Original Hole
8/18/2009	3414.0	3415.0	Ramsey Sand, Original Hole
8/18/2009	3359.0	5321.0	Cherry Canyon, Original Hole
8/18/2009	6533.0	6542.0	Plugged (6470 - 6474)
8/18/2009	6533.0	6542.0	Plugged (6530 - 6542)
10/31/1994	6970.0	6950.0	Plugged (6870 - 6890)
Tubing Strings			
Tubing Description		Run Date	String Length (ft)
Tubing - Production		1/5/2010	3415.48
		Set Depth (ftKB)	
			3415.5
3-1	Rotary Correction	0.0	2.78
3-2	Tubing	108.0	2.78
3-3	Tubing	4.0	2.78
3-4	Tubing	4.0	2.78
3-5	Tubing	4.0	2.78
3-6	Perforated Joint	2.78	2.78
3-7	Perforated Joint	2.78	2.78
3-8	Perforated Joint	2.78	2.78
3-9	Perforated Joint	2.78	2.78
Other Downhole Equipment			
12/19/2009	Bridge Plug - Permanent	4.62	5300.0
8/18/2009	Bridge Plug - Permanent	4.62	6450.0
8/18/2009	Bridge Plug - Permanent	4.62	6520.0
8/18/2009	Bridge Plug - Permanent	4.62	6950.0
Rods			
Rod Description		Run Date	String Length (ft)
Rod		1/5/2010	3354.00
		Set Depth (ftKB)	
			3404.0
2-1	Polished Rod	1.14	10.00
2-2	Polished Rod	3.14	36.00
2-3	Sucker Rod	132.0	54.00
2-4	Rod Centralizer	3.14	3354.00
2-5	Rod Pump	3.14	3357.00
2-6	Rod Pump	3.14	3381.00
2-7	Rod Pump	3.14	3401.00
Cement			
Surface Cement String: 8/2/1994			
String: Surface, 398.0 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	14.0	400.0	5.5
Top Measurement Method			
Lead	200.0		14.80
Tail	100.0		14.80
Intermediate Cement String: 8/2/1994			
String: Intermediate, 3091.0 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	14.0	3091.0	50.0
Top Measurement Method			
Lead	750.0		12.50
Tail	120.0		14.80
Production Cement String: 8/2/1994			
String: Production, 7150.0 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	6000.0	7150.0	22.0
Top Measurement Method			
Lead	100.0		12.50
Tail	15.0		14.80
Bridge Plug - Permanent, 5300 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	2050.0	6000.0	0.0
Top Measurement Method			
Lead	100.0		12.50
Tail	15.0		14.80
Bridge Plug - Permanent, 6520 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	6915.0	6550.0	
Top Measurement Method			
Lead	100.0		12.50
Tail	15.0		14.80
Bridge Plug - Permanent, 7150 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	6500.0	6520.0	
Top Measurement Method			
Lead	100.0		12.50
Tail	15.0		14.80
Bridge Plug - Permanent, 8450 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	6430.0	6450.0	
Top Measurement Method			
Lead	100.0		12.50
Tail	15.0		14.80
Bridge Plug - Permanent, 8950 ftKB			
Cement Evaluation Results:			
Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtn (bb)
1	5250.0	5300.0	
Top Measurement Method			