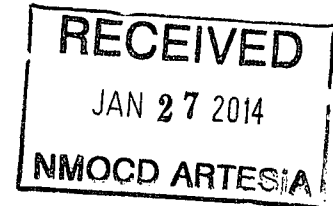




January 23, 2014

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210



Dear District 2 – Artesia

Re: Bopco, LP
PLU Big Sinks 12-25-30 USA #1H
Eddy County, NM
API #30-015-41598
Job No. 1310258

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced well by Phoenix Technology Services, Inc. (P-5 No. 606018). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Mike Layfield	1H	1,075	14,447	12/30/13	01/15/14	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Dolly Bush

Dolly Bush
Operations Administrator

Certified mail receipt number: 7012 3050 0001 3227 2917

PHOENIX TECHNOLOGY SERVICES INC. SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER 1310258

OPERATOR Bopco, LP

WELL NAME PLU Big Sinks 12-25-30 USA #1H

COUNTY & STATE Eddy County, NM

API WELL NUMBER 30-015-41598

PROPOSED DIRECTION 185.19

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
941 ft	940.91 ft	0.87	275.66	-8.42	-7.72	Vaughn Energy Services

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
30-Dec-13	1,075 ft	0.7	294.4

SURVEY INSTRUMENT TYPE
Phoenix P360 MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
15-Jan-14	14,447 ft	90.8	184.7

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
15-Jan-14	14,500 ft	90.8	184.7

Mike Layfield

PRINT YOUR NAME ABOVE

Mike Layfield

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.13
DECLINATION OR GRID	Grid

1/15/2014

TODAY'S DATE

MWD SUPERVISOR 1

Mike Layfield

DIRECTIONAL DRILLER 1

Casey Hendrix

MWD SUPERVISOR 2

Justin Amari

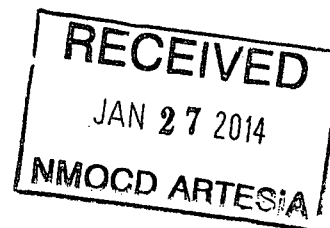
DIRECTIONAL DRILLER 2

Jim Tobola

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice), (713)337-0599 (Fax)



BOPCO, L P

Eddy County, NM (NAD27 NME)

PLU Big Sinks 12-25-30 USA

#1H

WB1/Job #1310258

Survey: Pheonix MWD Survey

Standard Survey Report

15 January, 2014

Phoenix Technology Services

Survey Report

Company:	BOPCO, L.P.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3389.00usft (Latshaw 14)
Site:	PLU Big Sinks 12-25-30 USA	MD Reference:	KB @ 3389.00usft (Latshaw 14)
Well:	#1H	North Reference:	Grid
Wellbore:	WB1/Job #1310258	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 14)	Database:	GCR DB

Project:	Eddy County, NM (NAD27-NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:		PLU Big Sinks 12-25-30 USA			
Site Position:		Northing:	419,647.40 usft	Latitude:	32° 9' 9.94025 N
From:	Map	Easting:	653,050.70 usft	Longitude:	103° 50' 19.65822 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.26 °

Well:	#1H					
Well Position	+N/-S	0.00 usft	Northing:	419,647.40 usft	Latitude:	32° 9' 9.94025 N
	+E/-W	0.00 usft	Easting:	653,050.70 usft	Longitude:	103° 50' 19.65822 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,367.00 usft

Wellbore		WB1/Job #1310258			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	12/26/13	7.39	60.01	48,292

Design:		Surveys (Latshaw 14)			
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	185.19	

Survey Program		Date	01/15/14		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.76	941.00	VES Gyro Survey (WB1/Job #1310258)	ISCWSA-GYRO-3	Biaxial Semi-Cont. Gyro	
941.00	14,500.00	Phoenix MWD Survey (WB1/Job #131025)	MWD	MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
941.00	0.87	275.66	940.91	-8.42	-7.72	9.08	0.00	0.00	0.00
Tie-on to Gyro									
1,075.00	0.70	294.40	1,074.90	-7.98	-9.48	8.81	0.23	-0.13	13.99
First Phoenix MWD Survey									
1,234.00	0.60	277.00	1,233.89	-7.48	-11.19	8.46	0.14	-0.06	-10.94
1,424.00	0.50	167.20	1,423.88	-8.17	-11.99	9.22	0.47	-0.05	-57.79
1,614.00	0.60	150.00	1,613.87	-9.84	-11.31	10.82	0.10	0.05	-9.05
1,804.00	1.00	239.80	1,803.86	-11.53	-12.25	12.59	0.61	0.21	47.26
1,995.00	0.90	302.30	1,994.84	-11.57	-14.96	12.87	0.52	-0.05	32.72

Phoenix Technology Services

Survey Report

Company:	BOPCO, L.P.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3389.00usft (Latshaw 14)
Site:	PLU Big Sinks 12-25-30 USA	MD Reference:	KB @ 3389.00usft (Latshaw 14)
Well:	#1H	North Reference:	Grid
Wellbore:	WB1/Job #1310258	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 14)	Database:	GCR DB

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,185.00	1.30	281.80	2,184.80	-10.33	-18.33	11.95	0.29	0.21	-10.79	
2,374.00	0.80	357.10	2,373.78	-8.57	-20.49	10.39	0.71	-0.26	39.84	
2,564.00	1.30	8.40	2,563.75	-5.12	-20.24	6.93	0.28	0.26	5.95	
2,753.00	0.70	335.70	2,752.72	-1.94	-20.41	3.78	0.43	-0.32	-17.30	
2,942.00	0.70	2.70	2,941.71	0.26	-20.83	1.62	0.17	0.00	14.29	
3,132.00	1.70	17.10	3,131.66	4.11	-19.94	-2.29	0.55	0.53	7.58	
3,322.00	2.40	35.20	3,321.54	10.06	-16.82	-8.50	0.50	0.37	9.53	
3,512.00	2.60	86.00	3,511.38	13.61	-10.23	-12.63	1.13	0.11	26.74	
3,702.00	2.20	159.60	3,701.25	10.49	-4.66	-10.03	1.52	-0.21	38.74	
3,893.00	2.00	151.30	3,892.13	4.13	-1.78	-3.96	0.19	-0.10	-4.35	
4,000.00	1.80	138.90	3,999.07	1.23	0.22	-1.24	0.43	-0.19	-11.59	
4,120.00	1.40	144.60	4,119.02	-1.39	2.31	1.17	0.36	-0.33	4.75	
4,310.00	1.50	160.00	4,308.96	-5.61	4.51	5.18	0.21	0.05	8.11	
4,500.00	1.20	167.00	4,498.91	-9.89	5.80	9.32	0.18	-0.16	3.68	
4,690.00	1.40	142.20	4,688.86	-13.66	7.67	12.91	0.31	0.11	-13.05	
4,880.00	1.50	169.70	4,878.80	-17.94	9.54	17.01	0.37	0.05	14.47	
5,070.00	1.10	193.70	5,068.75	-22.16	9.55	21.21	0.35	-0.21	12.63	
5,260.00	0.80	208.70	5,258.73	-25.10	8.49	24.23	0.20	-0.16	7.89	
5,450.00	1.10	220.40	5,448.70	-27.65	6.67	26.93	0.19	0.16	6.16	
5,640.00	0.90	217.50	5,638.67	-30.22	4.58	29.68	0.11	-0.11	-1.53	
5,829.00	1.00	240.90	5,827.65	-32.20	2.23	31.87	0.21	0.05	12.38	
6,020.00	0.80	224.70	6,018.62	-33.96	-0.16	33.84	0.17	-0.10	-8.48	
6,210.00	1.20	249.70	6,208.60	-35.59	-2.96	35.72	0.31	0.21	13.16	
6,400.00	1.00	220.00	6,398.56	-37.55	-5.89	37.93	0.31	-0.11	-15.63	
6,494.00	1.10	226.70	6,492.55	-38.80	-7.08	39.28	0.17	0.11	7.13	
6,685.00	1.10	206.70	6,683.51	-41.70	-9.24	42.36	0.20	0.00	-10.47	
6,875.00	0.90	228.90	6,873.48	-44.31	-11.18	45.14	0.23	-0.11	11.68	
7,064.00	1.20	225.10	7,062.45	-46.68	-13.70	47.73	0.16	0.16	-2.01	
7,254.00	1.50	216.20	7,252.40	-50.09	-16.58	51.38	0.19	0.16	-4.68	
7,444.00	1.40	207.00	7,442.34	-54.17	-19.10	55.67	0.13	-0.05	-4.84	
7,634.00	1.50	187.30	7,632.28	-58.70	-20.47	60.31	0.27	0.05	-10.37	
7,824.00	1.80	205.20	7,822.20	-63.87	-22.06	65.60	0.31	0.16	9.42	
7,918.00	0.90	254.50	7,916.18	-65.40	-23.40	67.25	1.48	-0.96	52.45	
8,108.00	1.20	238.90	8,106.15	-66.83	-26.54	68.95	0.22	0.16	-8.21	
8,298.00	2.00	210.80	8,296.07	-70.70	-29.94	73.12	0.58	0.42	-14.79	
8,393.00	1.70	243.80	8,391.03	-72.75	-32.05	75.35	1.15	-0.32	34.74	
8,583.00	2.50	265.40	8,580.90	-74.32	-38.71	77.52	0.59	0.42	11.37	
8,695.00	3.10	270.00	8,692.77	-74.52	-44.18	78.21	0.57	0.54	4.11	
8,790.00	2.40	275.20	8,787.66	-74.34	-48.73	78.44	0.78	-0.74	5.47	
8,821.00	2.70	182.90	8,818.64	-75.01	-49.41	79.17	11.88	0.97	-297.74	
8,853.00	6.30	163.80	8,850.53	-77.45	-48.96	81.56	12.03	11.25	-59.69	
8,885.00	10.10	163.00	8,882.20	-81.82	-47.65	85.80	11.88	11.88	-2.50	
8,917.00	14.90	166.80	8,913.43	-88.51	-45.89	92.30	15.21	15.00	11.88	

Phoenix Technology Services

Survey Report

Company:	BOPCO, L.P.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3389.00usft (Latshaw 14)
Site:	PLU Big Sinks 12-25-30 USA	MD Reference:	KB @ 3389.00usft (Latshaw 14)
Well:	#1H	North Reference:	Grid
Wellbore:	WB1/Job #1310258	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 14)	Database:	GCR-DB

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,948.00	17.70	171.90	8,943.19	-97.06	-44.31	100.67	10.14	9.03	16.45
8,980.00	20.20	172.00	8,973.45	-107.35	-42.86	110.79	7.81	7.81	0.31
9,012.00	23.00	169.80	9,003.20	-118.98	-40.98	122.20	9.11	8.75	-6.88
9,043.00	25.90	166.90	9,031.42	-131.54	-38.37	134.47	10.12	9.35	-9.35
9,075.00	29.90	166.60	9,059.69	-146.11	-34.94	148.67	12.51	12.50	-0.94
9,107.00	33.70	168.10	9,086.88	-162.56	-31.26	164.72	12.13	11.88	4.69
9,138.00	37.50	170.20	9,112.09	-180.28	-27.88	182.06	12.88	12.26	6.77
9,170.00	40.60	174.10	9,136.94	-200.24	-25.15	201.70	12.36	9.69	12.19
9,202.00	44.50	177.10	9,160.51	-221.81	-23.51	223.03	13.74	12.19	9.38
9,232.00	48.50	180.20	9,181.16	-243.56	-23.02	244.64	15.29	13.33	10.33
9,264.00	52.00	180.80	9,201.62	-268.15	-23.23	269.16	11.03	10.94	1.88
9,296.00	56.00	180.70	9,220.42	-294.04	-23.57	294.96	12.50	12.50	-0.31
9,328.00	59.40	183.20	9,237.52	-321.06	-24.50	321.96	12.51	10.63	7.81
9,359.00	61.50	186.90	9,252.81	-347.91	-26.89	348.92	12.40	6.77	11.94
9,391.00	65.50	191.10	9,267.09	-376.18	-31.38	377.48	17.15	12.50	13.13
9,423.00	68.60	193.20	9,279.57	-404.98	-37.59	406.72	11.42	9.69	6.56
9,454.00	70.50	191.60	9,290.40	-433.35	-43.82	435.54	7.81	6.13	-5.16
9,486.00	72.10	189.40	9,300.66	-463.15	-49.34	465.71	8.21	5.00	-6.88
9,518.00	73.30	187.30	9,310.18	-493.38	-53.78	496.22	7.30	3.75	-6.56
9,549.00	75.30	185.10	9,318.57	-523.04	-57.00	526.05	9.40	6.45	-7.10
9,581.00	79.30	183.40	9,325.60	-554.17	-59.31	557.26	13.53	12.50	-5.31
9,613.00	83.60	182.90	9,330.36	-585.75	-61.04	588.87	13.53	13.44	-1.56
9,645.00	88.00	182.60	9,332.70	-617.62	-62.58	620.75	13.78	13.75	-0.94
9,740.00	93.20	182.00	9,331.71	-712.51	-66.39	715.59	5.51	5.47	-0.63
9,835.00	93.00	183.20	9,326.57	-807.27	-70.69	810.36	1.28	-0.21	1.26
9,930.00	93.80	186.70	9,320.93	-901.73	-78.87	905.17	3.77	0.84	3.68
10,025.00	89.70	188.20	9,318.03	-995.87	-91.18	1,000.03	4.60	-4.32	1.58
10,119.00	89.40	188.00	9,318.77	-1,088.92	-104.42	1,093.91	0.38	-0.32	-0.21
10,214.00	88.50	187.50	9,320.51	-1,183.04	-117.23	1,188.79	1.08	-0.95	-0.53
10,309.00	87.40	186.50	9,323.91	-1,277.27	-128.80	1,283.68	1.56	-1.16	-1.05
10,404.00	88.50	186.10	9,327.31	-1,371.63	-139.22	1,378.60	1.23	1.16	-0.42
10,499.00	86.90	185.30	9,331.12	-1,466.08	-148.65	1,473.52	1.88	-1.68	-0.84
10,594.00	89.60	186.00	9,334.02	-1,560.57	-158.00	1,568.46	2.94	2.84	0.74
10,689.00	89.80	186.60	9,334.52	-1,654.99	-168.42	1,663.44	0.67	0.21	0.63
10,784.00	90.80	186.30	9,334.02	-1,749.39	-179.09	1,758.42	1.10	1.05	-0.32
10,879.00	90.30	185.60	9,333.11	-1,843.87	-188.94	1,853.40	0.91	-0.53	-0.74
10,974.00	89.10	185.50	9,333.61	-1,938.42	-198.13	1,948.40	1.27	-1.26	-0.11
11,069.00	87.40	185.20	9,336.51	-2,032.96	-206.98	2,043.35	1.82	-1.79	-0.32
11,164.00	88.10	184.40	9,340.24	-2,127.55	-214.92	2,138.27	1.12	0.74	-0.84
11,258.00	91.30	183.00	9,340.73	-2,221.34	-220.99	2,232.23	3.72	3.40	-1.49
11,353.00	91.90	181.80	9,338.08	-2,316.22	-224.97	2,327.07	1.41	0.63	-1.26
11,448.00	90.50	183.60	9,336.09	-2,411.09	-229.44	2,421.96	2.40	-1.47	1.89
11,544.00	90.30	184.00	9,335.42	-2,506.87	-235.80	2,517.93	0.47	-0.21	0.42
11,639.00	90.50	183.40	9,334.76	-2,601.67	-241.93	2,612.89	0.67	0.21	-0.63

Phoenix Technology Services

Survey Report

Company:	BOPCO, L.P.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3389.00usft (Latshaw 14)
Site:	PLU Big Sinks 12-25-30 USA	MD Reference:	KB @ 3389.00usft (Latshaw 14)
Well:	#1H	North Reference:	Grid
Wellbore:	WB1/Job #1310258	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 14)	Database:	GCR DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,733.00	91.00	182.90	9,333.53	-2,695.52	-247.10	2,706.82	0.75	0.53	-0.53
11,827.00	90.00	185.50	9,332.71	-2,789.26	-253.98	2,800.80	2.96	-1.06	2.77
11,922.00	89.50	184.40	9,333.12	-2,883.90	-262.18	2,895.79	1.27	-0.53	-1.16
12,017.00	88.00	184.40	9,335.19	-2,978.59	-269.46	2,990.76	1.58	-1.58	0.00
12,112.00	90.10	185.10	9,336.77	-3,073.25	-277.33	3,085.74	2.33	2.21	0.74
12,207.00	88.10	184.30	9,338.26	-3,167.91	-285.11	3,180.72	2.27	-2.11	-0.84
12,302.00	89.50	183.70	9,340.25	-3,262.66	-291.74	3,275.67	1.60	1.47	-0.63
12,397.00	90.30	183.50	9,340.41	-3,357.47	-297.70	3,370.63	0.87	0.84	-0.21
12,493.00	90.50	184.40	9,339.74	-3,453.24	-304.32	3,466.61	0.96	0.21	0.94
12,588.00	90.20	187.00	9,339.16	-3,547.76	-313.75	3,561.59	2.75	-0.32	2.74
12,683.00	90.50	186.10	9,338.58	-3,642.14	-324.59	3,656.57	1.00	0.32	-0.95
12,778.00	91.00	185.80	9,337.34	-3,736.62	-334.43	3,751.55	0.61	0.53	-0.32
12,873.00	90.40	186.00	9,336.18	-3,831.10	-344.20	3,846.53	0.67	-0.63	0.21
12,968.00	89.50	184.80	9,336.26	-3,925.68	-353.14	3,941.53	1.58	-0.95	-1.26
13,063.00	89.30	184.70	9,337.26	-4,020.35	-361.00	4,036.52	0.24	-0.21	-0.11
13,158.00	89.10	184.10	9,338.58	-4,115.06	-368.29	4,131.50	0.67	-0.21	-0.63
13,253.00	91.60	184.40	9,338.00	-4,209.79	-375.33	4,226.48	2.65	2.63	0.32
13,348.00	89.50	182.60	9,337.09	-4,304.60	-381.13	4,321.43	2.91	-2.21	-1.89
13,443.00	90.40	185.70	9,337.17	-4,399.34	-388.00	4,416.40	3.40	0.95	3.26
13,538.00	87.60	185.30	9,338.83	-4,493.87	-397.11	4,511.37	2.98	-2.95	-0.42
13,633.00	89.40	185.70	9,341.32	-4,588.40	-406.21	4,606.33	1.94	1.89	0.42
13,728.00	88.60	185.50	9,342.98	-4,682.93	-415.48	4,701.32	0.87	-0.84	-0.21
13,823.00	89.80	185.40	9,344.30	-4,777.49	-424.50	4,796.30	1.27	1.26	-0.11
13,919.00	89.50	185.50	9,344.89	-4,873.06	-433.62	4,892.30	0.33	-0.31	0.10
14,014.00	89.50	184.80	9,345.72	-4,967.67	-442.14	4,987.30	0.74	0.00	-0.74
14,109.00	88.70	184.90	9,347.21	-5,062.32	-450.18	5,082.28	0.85	-0.84	0.11
14,204.00	91.00	185.00	9,347.46	-5,156.95	-458.37	5,177.28	2.42	2.42	0.11
14,299.00	90.50	185.50	9,346.22	-5,251.55	-467.06	5,272.27	0.74	-0.53	0.53
14,394.00	90.80	185.50	9,345.14	-5,346.10	-476.17	5,367.26	0.32	0.32	0.00
14,447.00	90.80	184.70	9,344.40	-5,398.89	-480.88	5,420.25	1.51	0.00	-1.51
Last Phoenix MWD Survey									
14,500.00	90.80	184.70	9,343.66	-5,451.70	-485.22	5,473.25	0.00	0.00	0.00
Projection to TD									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
941.00	940.91	-8.42	-7.72	Tie-on to Gyro
1,075.00	1,074.90	-7.98	-9.48	First Phoenix MWD Survey
14,447.00	9,344.40	-5,398.89	-480.88	Last Phoenix MWD Survey
14,500.00	9,343.66	-5,451.70	-485.22	Projection to TD

Phoenix Technology Services

Survey Report

Company:	BOPCO, L.P.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3389.00usft (Latshaw 14)
Site:	PLU Big Sinks 12-25-30 USA	MD Reference:	KB @ 3389.00usft (Latshaw 14)
Well:	#1H	North Reference:	Grid
Wellbore:	WB1/Job #1310258	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 14)	Database:	GCR DB

Checked By: _____ Approved By: _____ Date: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Hrazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED
JAN 27 2014
NMOC D ARTESIA

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96046	Pool Name POKER LAKE NW (DELAWARE)
Property Code 306402	Property Name PLU BIG SINKS 12-25-30 USA	Well Number 1H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3367'

Surface Location

UL or lot no. M	Section 1	Township 25 S	Range 30 E	Lot Idn	Feet from the 165	North/South line SOUTH	Feet from the 1160	East/West line WEST	County EDDY
--------------------	--------------	------------------	---------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

Bottom Hole Location If Different From Surface

UL or lot no. M	Section 12	Township 25 S	Range 30 E	Lot Idn	Feet from the 70	North/South line SOUTH	Feet from the 660	East/West line WEST	County EDDY
--------------------	---------------	------------------	---------------	---------	---------------------	---------------------------	----------------------	------------------------	----------------

Dedicated Acres 160	Joint or Infill	Consolidated Code	Order No.
------------------------	-----------------	-------------------	-----------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SW COR SEC 1/ NW COR SEC 12 NMSP-E (NAD 83) Y = 419529.4' N X = 693075.5' E LAT. = N32°09'08.69" LONG. = W103°50'34.90"		PLU BIG SINKS 12-25-30 USA 1H SHL NMSP-E (NAD 83) Y = 419705.8' N X = 694235.6' E N LAT. = 32°09'10.39" W LONG. = -103°50'21.39"		SE COR SEC 1/ NE COR SEC 12 NMSP-E (NAD 83) Y = 419567.6' N X = 698409.4' E LAT. = N32°09'08.83" LONG. = W103°49'32.85"	
SW COR SEC 12 NMSP-E (NAD 83) Y = 414206.6' N X = 693082.4' E LAT. = N32°08'16.02" LONG. = W103°50'35.10"		PLU BIG SINKS 12-25-30 USA 1H BHL NMSP-E (NAD 83) Y = 414271.5' N X = 693742.2' E N LAT. = 32°08'16.63" W LONG. = -103°50'27.42"		SE COR SEC 12 NMSP-E (NAD 83) Y = 414166.0' N X = 698409.4' E LAT. = N32°08'15.37" LONG. = W103°49'33.15"	

1160' 165'

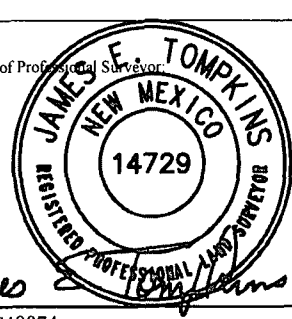
S 05°11'19" W 5456.6'

660' 70'

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
Courtney Lockhart
Print Name
cjlockhart@basspet.com
E-mail Address

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Feb. 14, 2013
Date of Survey
Signature and Seal of Professional Surveyor

Job No. WTC48874
JAMES E. TOMPKINS 14729
Certificate Number