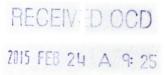


BOPCO, L.P.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131 817/390-8400

February 20, 2015



FEDERAL EXPRESS

30-015-39846

Bureau of Land Management Carlsbad District Office 620 E. Green St. Carlsbad, New Mexico 88220 Attn: Mr. Ed Fernandez New Mexico State Land Office Commissioner of Public Lands 310 Old Santa Fe Trail Santa Fe, New Mexico 87501 Attention: Mr. Pete Martinez New Mexico Oil Conservation Division 1220 St. Francis Santa Fe, New Mexico 87505 Attention: Mr. William Jones

Re: Commercial Determination
PLU CVX JV BS #010H (24-24-30)

1st Rope Spring Shale

1st Bone Spring Shale Eddy County, New Mexico

366

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the 1st Bone Spring Shale. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please do not hesitate to contact the undersigned.

Very truly yours,

R. Travis Mears

Bureau of Land Management	New Mexico State Land Office	New Mexico Oil Conservation Division
Ву:	By:	By: To Done
Its:	Its:	Its: Enginer
Date:	Date:	Date: 22 June 2015



INTER-OFFICE MEMORANDUM

TO:

Ross Sutton

FROM:

Bryce Bezant

DATE:

1/12/2015

RE:

Commercial Determination

PLU CVX JV BS #010H (24-24-30)

Poker Lake Unit (1ST Bone Spring Shale)

Eddy County, New Mexico

Attached are the worksheets and necessary exhibits for the subject well to be submitted for commercial determination. The Big Sinks #010H was drilled in 2012 to a total depth of 13,966' laterally and completed in the 1st Bone Spring Shale reservoir. The well is producing from perforations 9,606'-13,931'. On test 5/23/2012 the well flowed at the rate of 417 BOPD, 1045 MCFD, and 1430 BWPD. This well has an expected recovery of approximately 413 MBOE (13:1 mcf/bbl) from the current completion.

The capital investment was taken from the AFE report and operating costs from the LIOR statement which included water hauling charges. The most recent strip price file was utilized adjusting for current area differentials. The Big Sinks #010H will be a commercial well and should be incorporated into a participating area.

R/Bryce Bezant, P.E.

RBB/tah

Cc:

Andy Morrison Tom McCarthy

Steve Johnson

ECONOMIC PROJECTION

1/13/2015

Lior: 1004611

1:51:25PM

roject Name : commercial determination lartner : All cases

Case Type : LEASE CASE

As Of Date: 05/01/2012 Discount Rate (%) : 5.00

Lease Name: 1004611/PLU CVX IV BS/010H/1ST Reserv Cat.: Proved Producing Field: WILDCAT G-06 S243026M; BONE SPRII

1004611/PLU CVX JV BS/010H/1ST

Operator : BOPCO Reservoir : BONE SPRING Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Future Net Revenue

Archive Set: NS0714 Cum Oil (Mbbl) : Cum Gas (MMcf) :

	Gross Wet Pro	duction	Gross Day Gas	& NGL	Sales				
Year	Oil (Mbbl)	Wet Gas (MMcf)	Dry Gas (MMof)	NGL (Mgal)	Oil (Mbbl)	Gas (MMcf)	NGL (Mgal)		
2012	57.083	188.993	113.396	604.778	54.514	108.293	577.563		
2013	49.513	410.434	246.260	1,313,389	47,285	235.179	1,254.286		
2014	26.324	190.120	114.072	608.383	25.139	108.939	581.005		
2015	18,596	153.900	92,340	492.481	17.759	88.185	470.320		
2016	14.644	120,932	72,559	386.983	13.985	69.294	369.569		
2017	12.116	99.934	59.961	319.790	11.571	57.262	305.399		
2018	10,407	85.765	51.459	274.449	9.939	49.144	262.099		
2019	9.153	75.381	45.229	241.220	8.741	43.193	230.365		
2020	8.210	67.591	40.555	216.292	7.841	38.730	206.559		
2021	7.422	61.080	36.648	195.457	7.088	34.999	186.662		

tem lotal	54,995 268,463	452.458 1,906.590	271,475 1,143.954	1,447.864 6,101.087	\$2,520 256,382	259.258 1,092.476	1,382.711 5,826.538
Jlt.	268.463	1,906.590					
		Average Price			Net Rev	enue	
Your	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (S/gal)	Oil (M\$)	Gas (MS)	NGL (M\$)	Total (MS)
2012	84.45	3.08	0.75	4,603.59	333.54	433.17	5,370.29
2013	90.60	3.38	0.75	4,284.11	794.50	940.71	6,019.32
2014	91.65	4.58	0.89	2,303.92	498.52	519.50	3,321.94
2015	83.87	3.98	0.81	1,489.38	351.30	382.09	2,222.77
2016	78.34	3.84	0.80	1,095.54	266.33	295.50	1,657.37
2017	75.35	3.88	0.80	871.92	222.10	244.19	1,338.22
2018	73.61	3.94	0.80	731.59	193.41	209.57	1,134.57
2019	72.42	4.01	0.80	633.01	173.08	184.20	990.29
2020	71.91	4.11	0.80	563.84	159.24	165.16	888.24
2021	71.65	4.19	0.80	507.85	146.76	149.25	803.86
Rem Total	71.50 81.28	4,44 3.93	0.80 0.79	3,755.11 20,839.87	1,150.56 4,289.33	1,105.59 4,628.95	6,011.27 29,758.15

Year	Total Sey Taxes (MS)	Total Adv Taxes (MS)	Net Investments (MS)	Total Net Opcosts (MS)	Annual (MS)	Cumulative (MS)	Disc. Ann. CF 5.00 % (MS)	Cum. Disc. CF 5.00 % (MS)	
2012	72.58	3.11	6,497.03	942.96	-2,145.38	-2,145.38	-2,241.11	-2.241.11	
2013	444.53	18.95	0.00	2,535.53	3,020.31	874.92	2,869.93	628,82	
2014	245.84	10.46	0.00	362.24	2,703.41	3,578.33	2,436.42	3,065.24	
2015	164.94	7.00	0.00	321.11	1,729.72	5,308.05	1,484.58	4,549.82	X
2016	123.11	5.22	0.00	295.11	1,233.94	6,541.99	1,008.05	5,557.86	
2017	99.51	4.21	0.00	281.55	952.95	7,494.94	741.22		
2018	84.43	3.57	0.00	273.68	772.89	8,267.83	572.48		
2019	73.74	3.12	0.00	268.64	644.79	8,912.62	454.81	7,326.37	
2020	66.18	2.80	0.00	265.24	554.02	9,466.64	372.14	7,698.51	
2021	59.91	2.53	0.00	262.76	478.66	9,945.30	306.18	8,004.68	
Rem	448.38	18.91	0.00	3,198.15	2,345.82	2,345.82	1,226.45	1,226.45	
Total	1,883.16	79.87	6,497.03	9,006.96	12,291.13	12,291.13	9,231.13	9,231.13	
Major Phase :		Gas		Working In	nt:	1.00000000	Pro	esent Worth Prof	ile (MS)
Perfs: Initial Rate: Abandonment Initial Decline Beg Ratio: End Ratio:	rfs: 0 0 0 itial Rate: 62,030.00 Mcl/month bandonment: 1,716.05 Mcl/month itial Decline: 87.00 % year b = 1,290 es Ratio: 0.16 bbl/Mcf		Internal RC	il Invest. (mS); OR (%): nent (disc/undisc); ayout:	0.95500000 6,497.031 73.49 2.42 / 2.89 1.24 06/26/2034		9,231.13 7,542.73 7,191.35 6,554.66 5,735.76 4,640.70		
Forecast Start 30PCO Details		Working Revenue Rev. I Ver: 1/13/20	Interest: 0.9550 Date:	0.0000000	191 (5.10) NO. 10 (1.10) NO. 10			20.00%: 30.00%: 40.00%: 50.00%:	3,088.49 2,026.07 1,242.93 636.07

10 10 10 100 100 100 Proj Gas Cum: 0.00 smcf Gas Rem: 1,906.59 MMcf Water (bbl/day) ○
Gas (Mcf/day) △
Oil (bbl/day) ◀ 1000 est Water 15 17 19 21 23 25 27 Proj Oil Cum: 0.00 Oil Rem: 268.46 Oil EUR: 268.46 vater 9 001 001 01 Test Water (bbl/day)
Test Gil (bbl/day) 01 Mbb1

Field: WILDCAT G-06 S243026M; BONE SPRING EDDY, NM ECT Date: 06/26/2034

Reservoir: BONE SPRING

1004611/FLU CVX JV BS/010H/1ST Oper: BOFCO

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

RANGE 30E COUNTY	8 1980 FEET FROM EAST LINE Eddy , NEW MEXICO WITHAL PRODUCTION 5/23/2011
red .	
VOLUMETRIC CALCULATION	
SANDS PERFORATED	POTENTIALLY PRODUCTIVE
8,8%	
23%	
65	
140	
4,370	
125	
385.9	
֡	Sketch of Completed Well.) VOLUMETRIC CALCULATION SANDS PERFORATED 190. 3.8% 23% 65 140 4.370 12%

PERFORMANCE DATA

(If sufficient history exists,	attach plot of oil produc	tion rate v time.)		
CUMULATIVE PRODUCT	понто		ABL OI M	ICF Gas
INITIAL RATE (qi)		and the state of t	2200	
ECONOMIC LIMIT (qi)			OMCED	
HYPERBOLIC DECLINE	RATE, dy	n=t;	2, d = 87%/vr	
REMAINING MCF (Q) =		2 44	0	
ULTIMATE RECOVERAB	LE MMCF		1.907	
(Attach plat showing prore	ation unit and participatin	g area.)		
			CONOMIC	
GROSS WELL COST	\$2,468,871 (to the dep	oth of formation complete	d)	
COMPLETION COST _	\$4,028,158			
GROSS TOTAL COST	\$6,497,030			
YEAR	GROSS MCF MMCF	BFIT NET	OPERATING COST (SM) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1 .	188,993	5370.3	1018.7	-2241.1
2	410,434	6019,3	2999.0	628.8
	190,120	3321.9	619,5	3065.2
4	153,900	2222.8	493,1	4549.8
5	120.932	1657.4	423.4	5557.8
	99,934	1338.2	386.3	6299.1
7	85,765	1134.6	361.7	6871.6
	75,381	990,3	345.6	7326.4
	67,591	688.2	354.2	7696,5
10	61.080	803.9	325.2	8004,7
REMAINDER	452.458	8011,3	3665.4	1226.5
TOTAL	1906.588	29760.1	10070.0	48987.3

WELL IS COMMERCIAL

10070.0

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR. BUREAU OF LAND MANAGEMENT

OCT Arresta

FORM APPROVED OMB No 1004-0137 Expers July 31, 2010

	WELL CO	MPLE	TION OI	RECO	MPLETIO	N REP	ORT	AND LOG		1		Serial N				
a. Type of	Well ron C	ii Well	Gas W	al 🗖	Dry 🗆 Or	her						ian, Allo		Tribe N	ame	
. Type of		Other	w Well	Work Or			Plug l	Back D D	M. Res	IVr.		or CA A		nt Name	and No	-
. Name of C	PEAKE OPE	RATING	INC E4	Mait erin.c	Contact En	.com					PLU	Name a BIG SII	nd Wel NKS 24	No. 4 24 30	U6A 1	н
. Address	OKLAHOM	A CITY, C	DK 73154-	0496		3a Ph Ph: 4	one No. 05-935	(include area o	code)		9. API				1-00-S1	
At surfac	e NWNE i	IOFŅIL 19	80FEL		*	ctal tedant	ements)	29	779	17	-MF	DCAT,	5-01	. 52	4302	6m
	lepth SWS									- 1	12. Cot	inty or Pa	rish		State	
01/29/20			115 Da	te T D. Rea 23/2012	ched	10	Dal	Completed A Ready /2012	to Pro		-	vations (I	OF, KB 2 GL			
8 Total De	pth'	MD TVD	13966 9346	19	Plug Back T	D.:	MD TVD		T	20 Dep	th Bridge	Plug Se		VD VD		
21. Type Ele	ectric & Other	14.14		in (Submit	copy of each)					ell cored	?	No [7 Yes	(Submit	analysis	5)
100									Was Di Directi	ST run? onal Sur	vey?	No. 2	7 Yes	(Submi (Submi	analysis	s)
. Casing an	d Liner Recor	d (Report	t all strings	set in well)	W											
Hole Size	Size/Gri	ide ,	WL (#/fL)	Top (MD)	Bottom (MD)	Stage Ce Dep		No. of Sks. Type of Cerr		Slurry (BB		Cement T	op*	空	unt Pulk	ed
17 500		5 H-40	48.0	(700				29	là	4	m
11.000		25 J-55	32.0		4053		-		1350				27	Iğ	三	0
7 875	5.50	00 L-80	20.0		13966		5031		2100		-		3500	10	-	m
		-			-	-		-			-		-	13	9 2	3
		-			-	-	-		_				-	1-1		m
					1				- 1		1			Im	-	11 2 2 2
24 Tubing	Record													188	2	O
Size /	Record Septh Set (M	D) TPa	cker Depth		Size Dept	th Set (MI	D) P	acker Depth (M	1D)	Size	Dept	h Set (MI	D)	W	Depth (N	O
Size /	Septh Set (M	D) Pa	cker Depth ((MD) 8					1D) [Size	Dept	h Set (MI	D) 1	W		O
Size / 2.875 / 25 Prodesi	epth Set (M	D) P2		8800	26	. Perforati	on Reco	rd	(D)				D) (C)	18	Depth (N	O
Size / 2.875 / 25 Producti Fo	Septh Set (M	7	cker Depth	8800		. Perforati	on Reco	rd		Size		h Set (MI) (O)	W	Depth (N	O
Size 2.875 25 Produsii Fo A) 1ST	epth Set (M	7		8800	26	. Perforati	on Reco	rd Interval) D) 1	18	Depth (N	O
Size 2.875 / 25 Production Fo	epth Set (M	7		8800	26	. Perforati	on Reco	rd Interval					D) 1	18	Depth (N	O
Size 2.875 2.875 7	Septh Set (Management of Management of Manag	RING	Тор	8800 B	26	. Perforati	on Reco	rd Interval					D)	18	Depth (N	O
Size 2.875 2.875 725 Prodesis Fo A) 1ST B) C) D)	pepth Set (M ng Intervals smation BONE SPR	RING	Тор	8800 B	26	. Perforati	on Reco	interval 9606 TO 139	31	Size			0)	18	Depth (N	O
Size 2.875 2.875 725 Prodesis Fo A) 1ST B) C) D) 27 Acid, Fr	magintervals rmation BONE SPR acture, Treatr	RING	Top	8800 B	26 lottom	. Perforati	on Reco	rd Interval	31	Size			0)	18	Depth (N	O
Size 2.875 2.875 7	magintervals rmation BONE SPR acture, Treatr	RING	Top	8800 B	26 lottom	. Perforati	on Reco	Interval 9606 TO 1393	31	Size	No	. Holes		Perf :	Depth (N	O
Size 2.87\$ / 2.87\$ / 25 Prodesii Fo A) 1ST B) C) D) 27 Aeid, Fr	magintervals rmation BONE SPR acture, Treatr	RING	Top	8800 B	26 lottom	. Perforati	on Reco	Interval 9606 TO 1393	31	Size	No	. Holes	M	Perf :	Depth (N	O
Size 2.875 2.875 25 Prodesis Fc A) 1ST B) C) D) 27 Acid, Ft	magintervals rmation BONE SPR acture, Treatr	ment, Cent	Top	8800 B	26 lottom	. Perforati	on Reco	Interval 9606 TO 1393	31	Size	No	. Holes		Perf :	Depth (N	O
Size 2.875 2.875 725 Prodesii Fc A) 1ST B) C) D) 27 Acid, Fr	pepth Set (Mangentervers) Transcription BONE SPR Contracture, Treatr Depth Interval 1 Test Date	ment, Cent	Top	8800 B	ACID-20,000	Perforation Per GAL, CLE	Ar AN FLUI	Interval 9606 TO 139 mount and Type ID-65,038 BBL	31	Size	No	. Holes	M.	Perf :	Depth (N	O
Size 2.875 2.875 25 Products C) D) 27 Acid, Fr 28 Product Date First Produced 05/20/2012 Choke	Depth Set (Mag Intervals remation BONE SPR acture, Treatr Depth Interval 1 Test 1 Test 2 05/23/2012 Tbg Press	ment, Cerri I S TO 139	Top nent Squeeze 31 PROP-	8800 B a, Etc 3,112,520#,	ACID-20,000	Per GAL, CLE Water Bat. 1430 0 Water	on Reco	Interval 9606 TO 1393 mount and Type ID-65,038 BBL	31 e of M	Size	INO.	Holes CCL A Method FLOW	M.	Perf :	Depth (N	O
Size 2.875 2.875 2.5 Products Fo A) 1ST B) C) D) 27 Acid, Fr 28 Product hite First roduced 05/20/2012 hoke	magintervers mation BONE SPR acture, Treatr Depth Interval 9600	ment, Center of the Content of the C	Top nent Squeeze 31 PROP-	8800 B a, Etc 3,112,520\$, G B B B B B B B B B B B B B B B B B B	ACID-20,000 ACID-20,000 Gas MCF 1045 6 Gas MCF	Perforati Per GAL, CLE Water BBL 1430 0	Ar AN FLUI	mount and Type D-65,038 BBL	Gas Granty	Size	REDU	Holes CCL A Method FLOW	M.	Perf :	Depth (N	O
Size 2.875 2.875 25 Products A) 1ST B) C) D) 27 Acid, Fr 28 Product brie First reduced 05/20/2012 Thoke ion 32/64	pepth Set (Magnetic Set (Magne	Ming ment, Cent la S TO 139 A Hours Tessed 24 Cag Pruss 880 6	Top nent Squeeze 331 PROP- Test Production 24 Hr	8800 B a, Etc 3,112,520#,	ACID-20,000	Per GAL, CLE Water Bat. 1430 0 Water	on Reco	Interval 9606 TO 1393 mount and Type ID-65,038 BBL	Gas Granty	Size	INO.	Holes CCL A Method FLOW	M.	Perf :	Depth (N	O
Size 2.875 2.875 25 Production Fo. D. 27 Acid, Fr. D. 28 Product Part Produced 05/20/2012 Choke line 32/64 28a Product Part Fret Production 32/64 28a Product Part Production Date First Product Part Part Product Part Part Product Part Part Part Part Part Part Part Par	Depth Set (Management of Management of Manag	Ming ment, Cent by Mours Tested Cag Prus 600 6 B Hours	Top Test Production 24 Hr Rate	8800 B a, Etc 3,112,520#, OH BBL 417 9 OR BBL 417 9	Gas MCF 1045 0 Gas MCF 1045 (Gas MCF 1045)	Per	On Grated On Grated On Grate On Grate On Grate On Grate	mount and Type D- 65,038 BBL	Gas Granty Well Str	Size	INO.	Holes CCLA Method FLOV IEU	I MANUAL PROPERTY OF THE PROPE	Perf :	Depth (N	O
Size 2.875 2.875 25 Production Fo. D. 27 Acid, Fr. D. 28 Product Part Produced 05/20/2012 Choke line 32/64 28a Product Part Fret Production 32/64 28a Product Part Production Date First Product Part Part Product Part Part Product Part Part Part Part Part Part Part Par	Bepth Set (Mag Intervals remation BONE SPR acture, Treatr Depth Interval Test 05/23/2012 Tbg Press Fivg Si	A Hours Tested 24 Cag Press 600 6	Top Test Production 24 Hr Rate	8800 B a, Etc 3,112,520#, ON BBL 417 0	ACID-20,000 Ons MCF 1045 0 Ons MCF 1046	Per	on Reco	mount and Type D- 65,038 BBL	Gas Granty Well See	Size	INO NO Production	Holes CCL A Method FLOV	I MANUAL PROPERTY OF THE PROPE	Perf :	Depth (N	O
Size 2.875 2.875 25 Produces Fo A) 1ST B) C) D) 27 Acid, Fr 28 Product Date First Produced 05/20/2012 Choke Size 32/64 28a Produce Date First Produced Choke	Depth Set (Magnetic Set (Magne	A Hours Tessed 24 Cag Press 680 6	Test Production Test Production 24 Hr Rate Test Production	8800 B a, Etc 5,112,520#, Oil BBL 417 0 Oil BBL 487	ACID-20,000 Gas MCF 1048 Gas MCF 1048	Per	On Reco	interval 9606 TO 1393 mount and Type ID-65,038 BBL 2606	Gas Granty Well Str	Size	INO NO Production	Holes CCLA Method FLOV IEU	I MANUAL PROPERTY OF THE PROPE	Perf :	Depth (N	O
2.875 / 2.875	Depth Set (Management of Management of Manag	A Hours Tested 24 Cag Pruss 800 0	Test Production Test Production Test Production	8800 B s, Etc 3,112,520#, OH BBL 417 9 OR BBL 487	ACID-20,000 Gas MCF 1045 0 Gas MCF 1045	Perforation Perfor	On Grated Ar An FLUI On Grate Corr Cas Corr Onl Gr	interval 9606 TO 1393 mount and Type ID-65,038 BBL 2606	Gas Granty Well Sa Pi	Size	IRE DI	Holes CCLA Method FLOV IEU	HOLD TO	Peri :	Depth (No.	RD

Date First	Test	Hours	Test	Oil	IGes	Water	Oil Gravity	Gus	Production Method	
roduced	Date	Tested	Production	981.	Gas	BBL	Carr AP1	Gravity		
hoke ine	The Press Florg SI	Cog Props	24 Hb Rate	BBL	Gus MCF	Water BBL	Gas Oil Ratio	Well Status		
28c. Pro	duction - Inter	val D								
Produced	Test Date	Hours Tested	Test Production	BBL	Gas MCF	Water SSL	Oil Gravny Corr AP1	Gas Gravity	Production Method	
Choke Size	The Press Flug S1	Ceg Procs	24 Nr Rate	Od BBL	Gus MCF	Water BBL	Gus Oil Ratio	Well States		
29. Disp SOL	osition of Gas	Sold, used	for fuel, ver	ned, etc.)						
Show	mary of Porou w all important, including de- recoveries.	zones of	porosity and	contents the	reof Core	d intervals a en, flowing a	nd all drill-stem and shut-in pressur		. Formation (Log) Mari	ters
	Fermation		Top	Botton		Descrip	tions, Contents, etc		Name	Top Meas Depth
BRUSH' BONE S	F SALT ANYON Y CANYON Y CANYON	g sand	543 901 3996 4238 5123 6347 8057 9020							
	litional remark		plugging pro	cedure):						
LO	GS SENT VI	UPS O	/ERNIGHT.							
CH	K PN 639440	•			,					
33. Cir.	cle enclosed at	techments								
	Electrical/Mee Sundry Notice				on	6. Core	gis Report Analysis	3 DS 7 Och	T Report er:	4. Directional Survey
34. The	reby certify th	at the fore	Elec	tronic Sub For C	mission # HESAPE	139076 Veri	i correct as determined by the BLM ATING INC, sen	Well Informati t to the Carlsbo	id	ched instructions):
Mar	me (please pri	ERIN C	CARSON	•		- 49 - 70 - 7	Title	AUTHORIZED	REPRESENTATIVE	
100										
	padano	(Electr	onic Submit	sion)		NAME OF THE OWNER,	Dete	05/29/2012	and the second second second second second	tillen til state og

District. I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fast: (575) 393-0720
District. II
811 S. Fire St., Artesia, NM 88210
Phone: (575) 748-1283 Fast: (575) 748-9720
District III
1000 Rio Brazot Rosd, Astes, NM 87410
Phone: (505) 334-6178 Past: (505) 334-6170
District IV
1229 S. St. Francis Dr., Santa Fe, NM 87505

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

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

AMENDED REPORT

	API Number -015-3984			Pool Code 96403		Feel Name Wildcat; Bone S	*			
Property 3/32/	The second second			Pol	, w	ell Number 10H				
'OGRID 26073	No.				Operator Na BOPCO, 4			1	Elevation 3472	
					- Surface Lo	ocation			-1111	
UL or lot no. B	Section 24	Township 24S	Range 30E	Lot Ida	Peat from the	North/South line North	Feet from the 1980	East/West line East	- County Eddy	
			* Botto	m Hole	Location If I	Different From	Surface			
UL or lot no.	Section 24	0.00	Range 30E	Lot Ida	Feet from the 350	North/South line South	Feet from the 1969	East/West line East	· County	
M Dedicated Acre 160	s ¹³ Joint o	Infill 14 Con.	solidation Co	de l'Orde	r 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.

51	op fer f 1886 1881 June 11986 1986 1986 1986 1986 1986 1986	OPERATOR CERTIFICATION I hooding conflip alous the information consistent bounds to true and complete to the bound of my himselecture and belleft, and that this organization althor owns a unreling interest or contested enhanced interest in the land including the proposed bottom hole location or has a right to drill this well as this bracker pursuant to a contract with an enemy of much a minural or veryibing interest, or to a weleastery prolling agreement or a compilency prolling under homospieve entered by the divinfim.
		Yearle J. Cherry Privad Name Sicherry@besseet.com G-rasil Address
	4.	"SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from fleld 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.
BHL	1969*	Date of Survey Signature and Scal of Professional Surveyor;
100'		Certificate Number

Downhole Profile - Vertical Wells

BOPCO, L.P. West Texas
Well Name: POKER LAKE UNIT CVX JV BS #010H (24-24-30)
Well ID: 30-015-39846
Field: Big Sinks (Delaware) Field
Sect: 24 Town: 24S Rng: 30E County: Eddy State: New Mexico

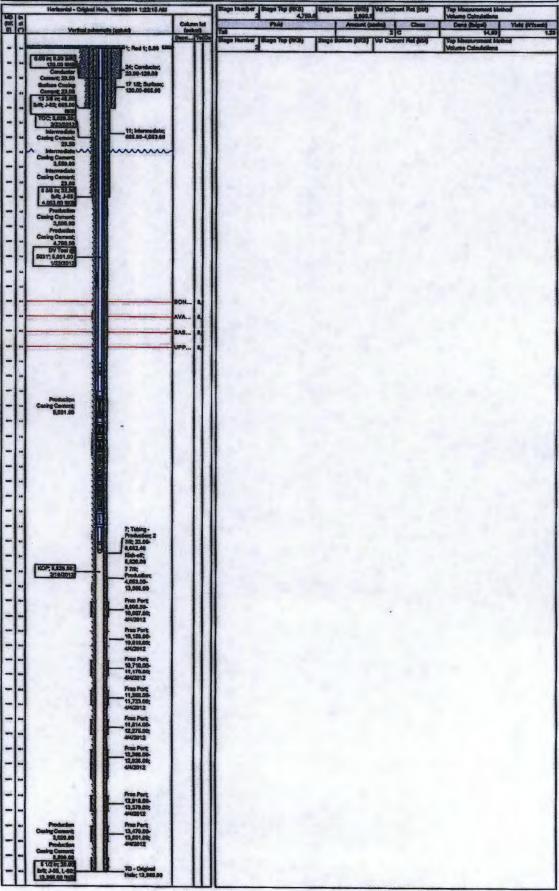
=	-	Se Location: 10 PK			Well Information						
3 K a	9	Hardenal - Crighta Rea	n, 10/10/2014 1:22:13 AM	Columnist	ON HE BOY (N) G	Bav (II) KB-Grd ((1) Spud Date 23.00 1/25/20	Gir Product	in Cale 7810 (A	i) (rich)	
-	Ō.	Vertical selvens	alle (actual)	(setent) Done Yel Do	Wellberns		23.00 12.00				
-			1; Red 1; 0.00 MA		The state of the s	pinal Hole o (in)	Ast Tay		Oupth (NG): 8.8 Ad	Dim (NCB)	-
-		SAFETHER SAFE	24; Canduster; 23.00-120.00			24 17 1/2		23,6 120,0			120.0
-	-	Contain Early				7770		4,863.0			4,053.0
-		Surface Cooks Compact 25.00	17 1/k; Ourface; 120,00-005,00		Schematic Anna	adons					
-		1) 50 kg 40.00 box 3452; 065,00 1869	11		Type	Depth (RES)		Anno	ANGUN		
-	-	76C; 1,020,00; 3/20/1912	distance data		Casing Strings				Old Common Commo		70
-	v	Casing Corners	11; Intermediate; ess.00-4,063.00		Conductor Conductor	Wellborn Original Hole	(00 (m)	Wt (fb/ft) Grad	e Top Thread	204 @ (RICO)	(secgi)
-	"	Cooling Corners;			Burlane Intermediate	Griginal Hote Original Hote	13 3/6 8 5/6	48.00 J-55 32.00 J-56		4,063.00	23.0
-		Intermedate			Production Porterations	Original Hoto	5 1/2	12.00 3-45		13,806,00	23.0
-	-	23.00				(NO) (NO)		Zeno	Ou	ront Status	
-		1 80 1- 25 A 100 1-25 A 100 1-25 A			4/4/2012	10,158.0 10,010.0	Sono Spring, Origin	val Hulo			
-	ď	Production Cooling Coment; 3,500,00			4/4/2012	11,202.0 11,723.0	Sono Spring, Origin Sono Spring, Origin	nat Hulo			
-		Production 3			4/4/2012 4/4/2012	42 555 A 42 625 A	Sone Spring, Origin Sone Spring, Origin	and Malaka	Active Active		
-		Casing Cornert; 4,750.00			44/2012	12,918.0 13,379.5	Bone Spring, Origin Bone Spring, Origin	nel Hule sel Hule	Activo Activo		
-	ľ	8031; 8,631.00 1/22/3013			Tubing Strings						2
-	"				Tubing Description Tubing - Production		20/2014	String Longth (II)	8,629.40		1,652,40
-	ï	-				Nom D of L-86 BRD Tubing		20		III 1-40	23.0
		3	- Maria	BOH B.		of L-00 SRD Tubing				U L-80	8,492.6 8,493.7
			-		7-4 HP4-330 (2: 7-5 HP4-330 (2:	O stg) pump			1 4		8,497,7 8,514,6
		3	Pilotona III	UPP B	7-5 GAS SEP (s	mp intshi)			1 1		4,530.9 8,541.5
						BEPUMP (18 stg.)			334		8,541.5 8,541.5
_					7-18 LBL-HL-LT : 7-11 S75-UT MTF	led			334		4,962.6 4,962.6
-					7-12 375-UT MT	(48 HP)			334	1 1	4,007.1
-		Production Creating Connects 5,001,00			7-13 SC284-24k- 7-14 December				2 7/6 5 1/2		8,581.3 8,583.5
-		\$,001.00	3		7-16 2-7/8" 0.5 p. 7-16 Bull plug	of L-80 SRD Tubing			2 27/6 6.5		8,507.3 8,601.3
_		\$ = 3 =			Red Strings Red Description	Plun Date		String Longth (II)		pth (RKB)	
-		311			fan 8	Born D		easil coule (st)	0.00	t) Grade Top	
_					Comont				100 mm mm	1 100	Same
-	-	8			Conductor Come	nt, 1/22/2012					
-		5			Biolog: Conductor, 1 Bioga Harriber Sta	a Top (HCB) Stage 8	Connect Det letters (IECS) Vol C	luction Results; Jernard Rat (piul)	Top Massarement	Method	
-			1			29.5 Comont , 1/36/2012	120.0				
-		3	7; Tuking-		String: Surface, 665 Slage Humber Sta	SONE B	Consont Eva John (1973) [Vol C	hadion Reputer Seneral Plat (Disk)	Top Massurament	Method	
-	-	The state of the s	7; Tubing- Freduction; 2 [7/8; 23.80- 8,652.40		1	23.0 Photo	Amount (backs)	79.1 Class	Top Messurgment Circulated Sees (Migst)	Yield (RYbs	
-	-		10ck-eft; 8,835.00		Internaciate Con	ing Compat 195/785	7	w e			132
-	•	KOP; 8,828.00	7 7/8; Productor; 4,063.00-		Shing: Intermediate Ships Number Sta	ing Comont , 255/281 4,851,55003	Comont Eve	tustion Reputer	Plan Management	A bear of	
-	-		13,906.00	1 11		22.0 Publi	Acata o		Top Measurement Circulated		
-	Н		Fras Port 2,000.00- 10,007.00; 6/4/2012		Lend			15 170	Dens (faigul)	Visid (NYs.	1.32
-	-				Tail Slage Humber Sta	po Top (1903) Stage 6	loitem (1919) Vid (3,660.6	Demant Ret (bbi)	Yop Measurement Values Calculation	Mithod	
-	-		Proc Port 10,198.00- 10,519.00;		Lord	nut and	- Amount (sorks)	Class	Done (Nrigal)	Yield (87te	ach)
-			4/4/2012		Singe Humber Sin	pe Top (1948) Stage 5	Sottom (NCB) Vol C	30 TOR Services Flat (L66)	12.0 You International Returns to Surface Days Returns	Mothod	1.99
-	"		Frac Port; 10,710,00- 11,178,00;		Tal	Phás	Amount (modes)	Clients	Marie State State and State St	The second little	100)
-	"		4/4/2012		Production Costs	g Coment , 2/23/201	2	7 Pag 30/88	143		1.36
-			Frae Part; 11,262.00- 11,723.00;		Sings Processon. Stage Number Sta	3,000.000/00 pp Top (600) Stoge S 3,000.0	Coment IIve Istam (IXII) Vet C	igation Reporter CH Comment Rot (Sbir)	C. LOST Top Moscurement	Method	
			494/2012 Free Ports			3,020.6 Phild	13,005.0 Armurit (tandra)	Chee	Danz (fa/gdl)	Yeld (RYo	ack)
			17,814,00-		Toll		1,3	BO POZH			1.52
-			4/4/3012 Pres Port		Land Toli			08 POZC			
-			12,306,00- 12,836,00; 444/2012			yo Yop (1903) Stage 8 5,031.0	antom (NKS) Vel o	Sement Ret (bbl)	Yop Manuscreen Volume Calculate	Method	
_		15	444012		Load	PAN	Amount (maks)	Clean	Dens (th/pst)	Yield (875	2.20
			Frac Port		-	po Yop (FBCB) Stage S 8,500.0	Sottern (N/CE) Vol 0	Comert Ret (SM)	Top Measurement Volume Calculation		220
-		1	Frac Part; 12,918.00- 13,379.00;			Ph.M	Amount (sasts)	Class	Dens (th/get)	Yield (8%)	
-		Production	4/4/2012 Frac Port 13,476.60-		Tall Stage Number Sta	po Top (VKB) Stage S		28 Comment Plot (664)	Top Measurement	Method	1.27
_		Cooling Corners; 3,020.00	13,476.00- 13,931.00; 4/6/2012		Slige Humber Sta	je Top (IVIII) Sloge I	Heliam (NKB) Vol 1	Comerit Flat (bibl)	Volume Galcutation Top Measurement Volume Galcutation		-
-		Production Casing Coment 8,500.00	I want		Singe Number Su	po Top (WED) Stage S	Delton (6/48) Vel 6 4,798.6	Cornert Flot (bbl)	Volume Calculation Top Memburament Volume Calculation	Mathed	
_		6 1/2 in 20.00	TO - Original Hole; 13,986.00		1	3,600.0	4,790.0	Chees	Dens (th/get)	You'd (It'le	nack)
1	П	13,898,00 803	Hole; 13,986.00		Load			4 Por 5005	12	06	248

Downhole Profile - Vertical Wells

Well Name: POKER LAKE UNIT CVX JV BS #010H (24-24-30)
Well ID: 30-015-39846
Field: Big Sinks (Delaware) Field Sect: 24 Town: 24S Ring: 30E County: Eddy State: New Mexico

BOPCO, L.P. - West Texas

Surface Location: 10' FNL & 1980' FEL



Field: Big Sinks (Delaware) Field

Schematic - Vertical Production

Well Name: POKER LAKE UNIT CVX JV BS #010H (24-24-30)

BOPCO, L.P. - West Texas Well ID: 30-015-39846

Sect: 24 Town: 24\$ Rng: 30E Eddy Co., State: New Mexico

Blk: Survey

