

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 20, 2015

RECEIVED CCD

2015 FEB 24 A 9:24

FEDERAL EXPRESS

30-05-40126

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 PC #012H (16-24-30)
Upper Avalon Shale
Eddy County, New Mexico

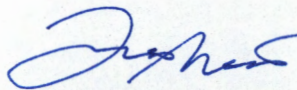
366

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is not a commercial producer in the Upper Avalon Shale. Should you be in agreement that the Upper Avalon Shale is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

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

By: _____

By: _____

By: W. Jones

Its: _____

Its: _____

Its: Engineer

Date: _____

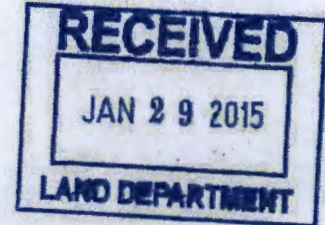
Date: _____

Date: 22 June 2015



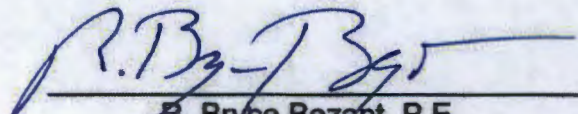
INTER-OFFICE MEMORANDUM

TO: Ross Sutton
FROM: Bryce Bezant
DATE: 1/13/2015
RE: Commercial Determination
PLU CVX JV PC #012H (16-24-30)
Poker Lake Unit (Upper Avalon Shale)
Eddy County, New Mexico



Attached are the worksheets and necessary exhibits for the subject well to be submitted for commercial determination. The PLU CVX JV PC #012H was drilled in 2012 to a total depth of 12,879' laterally completed in the Upper Avalon Shale reservoir. The well is producing from perforations 8,290'-12,646'. On test 7/12/2012 the well flowed at the rate of 386 BOPD, 467 MCFD, and 897 BWPD. This well has an expected recovery of approximately 99 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 PC #012H will not be a commercial well and should not be incorporated into a participating area.


R. Bryce Bezant, P.E.

RBB/tah

Cc: Andy Morrison
Tom McCarthy
Steve Johnson

ECONOMIC PROJECTION

Date : 1/23/2015

Lib: 1004414

2:15:11PM

Project Name : commercial determination

As Of Date : 05/01/2012

Lease Name : 1004414/PLU CVX JV PC/012H/UPP

Partner : All cases

Discount Rate (%) : 5.00

Reserv Cat : Proved Producing

Case Type : LEASE CASE

Field : WILDCAT; G-06 S243026M;BONE SPR

Archive Set : NS0714

1004414/PLU CVX JV PC/012H/UPP

Operator : BOPCO

Cum Oil (Mbbbl) : 0.00

Reservoir : UPPER AVALON

Cum Gas (MMcf) : 0.00

Co, State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2012	8.151	100.082	55.846	30.025	7.124	48.809	26.242
2013	6.224	138.527	77.298	41.558	5.440	67.559	36.322
2014	3.255	71.390	39.835	21.417	2.845	34.816	18.718
2015	2.681	67.871	37.872	20.361	2.344	33.100	17.796
2016	2.006	52.056	29.047	15.617	1.754	25.387	13.649
2017	1.597	42.050	23.464	12.615	1.396	20.507	11.026
2018	1.329	35.352	19.726	10.606	1.162	17.241	9.269
2019	1.139	30.498	17.018	9.149	0.995	14.874	7.997
2020	0.998	26.888	15.003	8.066	0.873	13.113	7.050
2021	0.885	23.925	13.350	7.177	0.773	11.668	6.273

Rem	8.209	223.641	124.792	98.148	7.175	109.068	85.781
Total	36.476	812.280	453.252	274.739	31.880	396.142	240.122
Ult	36.476	812.280					

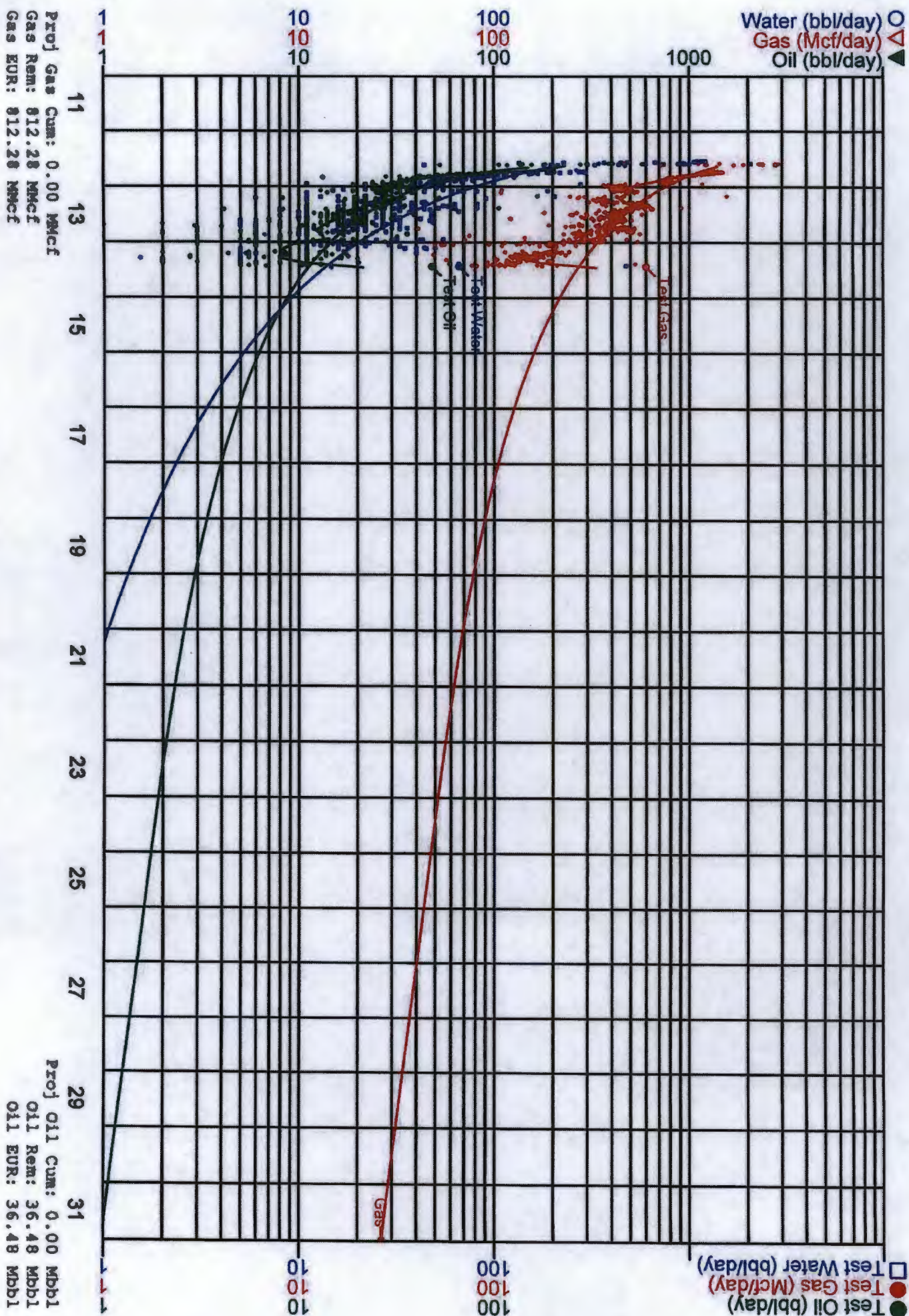
Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2012	82.16	2.91	0.75	585.33	141.81	19.68	746.81
2013	87.31	3.37	0.75	474.95	227.41	27.24	729.61
2014	88.35	4.50	0.88	251.36	156.66	16.53	424.56
2015	80.99	3.91	0.81	189.80	129.53	14.46	333.79
2016	75.63	3.77	0.80	132.63	95.82	10.91	239.36
2017	72.74	3.81	0.80	101.53	78.11	8.82	188.45
2018	71.06	3.86	0.80	82.53	66.63	7.41	156.59
2019	69.91	3.93	0.80	69.57	58.52	6.39	134.49
2020	69.41	4.04	0.80	60.58	52.94	5.64	119.15
2021	69.16	4.12	0.80	53.48	48.04	5.02	106.54
Rem	69.02	4.38	0.80	495.17	477.64	68.59	1,041.41
Total	78.32	3.87	0.79	2,496.95	1,533.12	190.69	4,220.76

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2012	43.93	1.88	5,919.52	263.45	-5,481.97	-5,481.97	-5,442.15	-5,442.15
2013	54.26	2.30	0.00	668.22	4.83	-5,477.14	6.30	-5,435.85
2014	31.79	1.34	0.00	398.54	-7.11	-5,484.24	-6.84	-5,442.70
2015	25.06	1.05	0.00	399.17	-91.49	-5,575.73	-77.93	-5,520.63
2016	18.00	0.75	0.00	397.92	-177.30	-5,753.03	-144.48	-5,665.11
2017	14.19	0.59	0.00	397.28	-223.62	-5,976.65	-173.68	-5,838.79
2018	11.81	0.49	0.00	396.92	-252.63	-6,229.28	-186.92	-6,025.71
2019	10.15	0.42	0.00	396.69	-272.78	-6,502.05	-192.25	-6,217.96
2020	9.01	0.37	0.00	396.54	-286.77	-6,788.82	-192.48	-6,410.44
2021	8.06	0.33	0.00	396.43	-298.29	-7,087.11	-190.69	-6,601.14
Rem	79.00	3.27	0.00	8,588.56	-7,629.43	-7,629.43	-2,886.44	-2,886.44
Total	305.25	12.81	5,919.52	12,699.71	-14,716.53	-14,716.53	-9,487.57	-9,487.57

Major Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)	
Perfs :	0 0	Revenue Int :	0.87400000		
Initial Rate :	16.656.00 Mcf/month	Disc. Initial Invest. (m\$) :	5,871.480	5.00% :	-9,487.57
Abandonment :	304.17 Mcf/month	Internal ROR (%) :	>1000.0	9.00% :	-7,774.44
Initial Decline :	90.00 % year b = 1.000	ROI Investment (disc/undisc) :	0.00 / 0.00	10.00% :	-7,499.92
Bez Ratio :	0.17 bbl/Mcf	Years to Payout :	0.00	12.00% :	-7,063.43
End Ratio :	0.04 bbl/Mcf	Abandonment Date :	09/09/2043	15.00% :	-6,603.47
Forecast Start :	08/01/2012			20.00% :	-6,133.33
		Initial	1st Rev.	30.00% :	-5,670.98
		Working Interest :	0.00000000	40.00% :	-5,443.77
		Revenue Interest :	0.87400000	50.00% :	-5,303.76
		Rev. Date :		60.00% :	-5,204.43

1004414/PLU CVX JV PC/012H/UPP
 Oper: BOPCO
 Reservoir: UPPER AVALON

Field: WILDCAT; G-06 S243026M; BONE SPRING
 EDDY, NM
 ECL Date: 09/09/2043



WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL PLU CVX JV PC #012H (16-24-30) FORMATION UPPER AVALON SHALE
 LOCATION UNIT 50 FEET FROM NORTH LINE & 1960 FEET FROM EAST LINE
 SECTION 16 TOWNSHIP 24S RANGE 30E COUNTY Eddy NEW MEXICO
 SPUD DATE 5/29/2012 COMPLETION DATE 6/4/2012 INITIAL PRODUCTION 7/12/2012
 PERFORATIONS 8305-12950
 BHL: 190' FSL & 2132' FEL SEC 21 T24S R30E

STIMULATION:

ACID _____

 FRACTURE See Attached

POTENTIAL (7/12/2012): 386 BOPD, 467 MCFPD, 897 BWPD

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>160</u>	_____
Porosity (Φ), %	<u>15%</u>	_____
Water saturation (Sw), %	<u>17%</u>	_____
Net Thickness (H), ft	<u>238</u>	_____
Temperature (T), Fahrenheit	<u>160</u>	_____
Bottom Hole pressure (P), psia	<u>3,728</u>	_____
Recovery factor (RF), %	<u>60%</u>	_____
SHRINKAGE (fg)	<u>98%</u>	_____
Recoverable gas, MMCF *(See eq. below)	<u>31,143.6</u>	_____

*Sometimes unable to match performance due to volumetric uncertainty or low recovery efficiency of shale gas wells.

Formula = $((43.560 \text{ MCF/ac-ft}) (\text{por}) (1-S_w)(RF)(B_{gi} \text{ scf/mcf})(f_{gs}(A) (h)))/1000 \text{ MCF/MMCF}$ $B_{gi} = 259.00 \text{ SCF/RCF}$

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>12/31/2014</u>	<u>17,561</u>	<u>88L Oil</u>	<u>301,602</u>	<u>MCF Gas</u>
INITIAL RATE (qi)	<u>1400 MCFD</u>				
ECONOMIC LIMIT (ql)	<u>10 MCFD</u>				
HYPERBOLIC DECLINE RATE, α	<u>$n=1, d=90\%/yr$</u>				
REMAINING MMCF (Q) =	<u>511</u>				
ULTIMATE RECOVERABLE MMCF	<u>812</u>				

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$2,367,806 (to the depth of formation completed)COMPLETION COST \$3,551,711GROSS TOTAL COST \$5,919,519

YEAR	GROSS MCF MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	<u>100,092</u>	<u>746.8</u>	<u>309.3</u>	<u>-5442.2</u>
2	<u>138,527</u>	<u>729.6</u>	<u>724.6</u>	<u>6.3</u>
3	<u>71,390</u>	<u>424.6</u>	<u>431.7</u>	<u>-6.8</u>
4	<u>67,871</u>	<u>333.8</u>	<u>425.3</u>	<u>-77.9</u>
5	<u>52,056</u>	<u>239.4</u>	<u>416.7</u>	<u>-144.5</u>
6	<u>42,050</u>	<u>188.5</u>	<u>412.1</u>	<u>-173.7</u>
7	<u>35,352</u>	<u>156.6</u>	<u>409.2</u>	<u>-166.9</u>
8	<u>30,498</u>	<u>134.5</u>	<u>407.3</u>	<u>-192.3</u>
9	<u>26,886</u>	<u>119.2</u>	<u>405.9</u>	<u>-192.5</u>
10	<u>23,925</u>	<u>106.5</u>	<u>404.8</u>	<u>-190.7</u>
REMAINDER	<u>223,641</u>	<u>1041.4</u>	<u>8670.8</u>	<u>-2886.4</u>
TOTAL	<u>812,280</u>	<u>4329.8</u>	<u>13017.8</u>	<u>-8487.6</u>

WELL IS NOT COMMERCIAL

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Pecos Rd., Arroyo, NM 88201 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED JUL 26 2012 NMOC D ARTESIA </div>		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011	
		1. WELL API NO.		30-015-40126			
		2. Type of Lease		<input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEDERAL <input type="checkbox"/> INDIAN			
		3. State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
4. Reason for filing:				5. Lease Name or Unit Agreement Name			
<input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				PLU PIERCE CANYON 162430 STATE			
7. Type of Completion:				6. Well Number:			
<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				1H			
8. Name of Operator				9. OGRID			
Chesapeake Operating, Inc.				147179			
10. Address of Operator				11. Pool name or Wildcat			
P.O. Box 18496 Oklahoma City, OK 73154				WC;G-OG S243026M; BONE SPRING			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the N/S Line	Feet from the E/W Line
Surface:	O	16	24S	30E		50	1980
BH:	B	16	24 S	30E		102	2015
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
05/20/2012	06/02/2012	06/04/2012	07/12/2012		3355' GR		
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run	
12879'		12879'		YES		DENS/INDUCT/CALIPER	
22. Producing Interval(s), of this completion - Top, Bottom, Name							
8290'-12646'							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13 3/8"	48	775'	17 1/2"	1200			
8 5/8"	32	3725	11	1600			
5 1/2"	20	12879'	7 7/8"	1900			
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2 7/8"	7508'	7495'
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
8290'-12646' ; 6 SPF with a total of 1728 shots.				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
				8290'-12646'			
28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By	
31. List Attachments							
Directional Surveys, E-Logs C-104, Letter Requesting Confidentiality							
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							
33. If an on-site burial was used at the well, report the exact location of the on-site burial:							
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature		Printed Name		Title		Date	
Bryan Arrant		Bryan Arrant		Regulatory Specialist II		07/25/2012	
E-mail Address bryan.arrant@chk.com							

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 620	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 993	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3632	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzie
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinberry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 7684	T. Todilto	
T. Abo	T. Bell Can. 3878	T. Entrada	
T. Wolfcamp	T. Cherry Can 4720	T. Wingate	
T. Penn	T. Brushy Can 6029	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6164 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 Bravos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-5170
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, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 02/01/14

API Number 30-015-40126		Pool Code 97798	Pool Name WC G-06 S243026M; Bone Spring
Property Code 313369	Property Name Poker Lake Unit CVX JV PL		Well Number 12H
OGRIU No. 260737	Operator Name BOPCO, LP		Elevation 3355

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	16	24S	30E		50	South	1980	East	Eddy

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	24S	30E		102	North	2015	East	Eddy

Dedicated Acres 162.26	Joint or Infill	Consolidation 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.

	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 undivided 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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>[Signature]</i> Signature Tracie J. Cherry Printed Name tjcherry@besspet.com E-mail Address	
	SURVEYOR 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. Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	



Downhole Profile - Vertical Wells

BOPCO, L.P. - West Texas

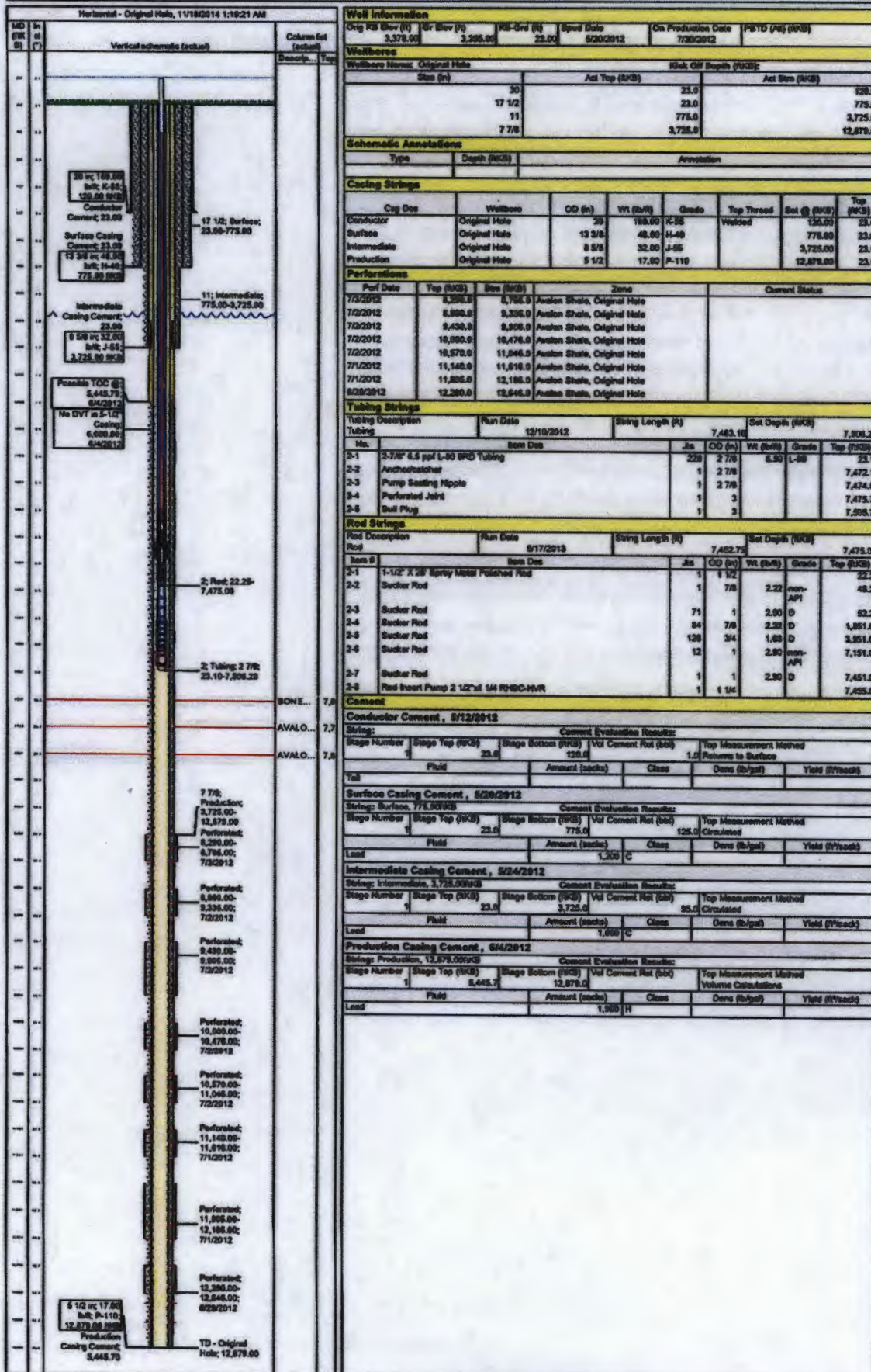
Well Name: POKER LAKE UNIT CVX JV PC #012H (16-24-30)

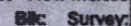
Well ID: 30-015-40126

Field: Wildcat - Bone Spring

Sec: 16 Town: 24S Rng: 30E County: Eddy State: New Mexico

Surface Location: 150' FSL & 1,980' FEL, Section 16-24S-30E





Horizontal - Original Hole, 11/18/2014 1:19:25 AM		Vertical schematic (actual)		Column list (actual)	
MD (KPS)	Int (*)			Description	Top (MD)
28.3	0.1				
23.0	0.1				
48.3	0.2				
82.2	0.2				
168.1	0.4				
128.1	0.4				
727.8	0.8				
774.8	0.4				
1,888.0	2.5				
3,644.8	1.8				
3,735.1	1.7				
3,881.1	1.6				
5,888.8	1.1				
6,888.8	0.8				
7,188.8	0.6				
7,488.1	0.4				
7,488.1	0.8				
7,622.1	0.6				
7,688.7	0.5				
7,688.1	0.5				
7,478.7	0.6				
7,888.8	0.8				
7,888.2	0.8				
7,884.1	10.0				
7,788.8	25.3				
7,888.1	35.5				
7,888.1	35.5				
7,888.1	35.5				
8,388.8	53.8				
8,388.8	51.8				
8,788.1	91.4				
8,888.8	98.8				
8,388.8	98.8				
8,438.1	98.7				
8,884.8	98.4				
8,888.8	98.4				
10,888.8	98.4				
10,438.1	98.2				
10,888.8	98.8				
11,888.8	97.7				
11,148.1	97.5				
11,648.1	98.4				
11,748.8	98.8				
11,888.1	98.2				
12,188.8	98.8				
12,278.8	98.2				
12,484.8	92.0				
12,888.8	91.2				
12,878.8	98.8				