

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400
March 28, 2016

RECEIVED OOD

2016 MAR 28 A 9:26

FEDERAL EXPRESS

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 #026H (23-24-30)
Poker Lake Unit (Bone Spring 2A Shale)
Eddy County, New Mexico

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 Bone Spring 2A Shale. Should you be in agreement that the Bone Spring 2A 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: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

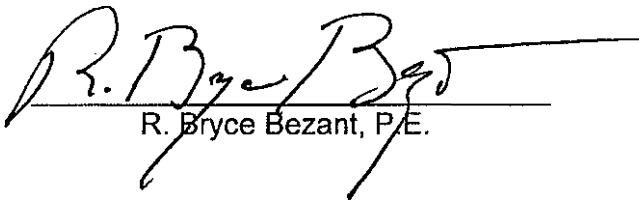


INTER-OFFICE MEMORANDUM

TO: Ross Sutton
FROM: Bryce Bezant
DATE: 3/12/2016
RE: Commercial Determination
PLU CVX JV BS #026H (23-24-30)
Poker Lake Unit (Bone Spring 2A Sand)
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 BS #026H was drilled in 2014 to a total depth of 16,800' laterally completed in the Bone Spring 2A Sand reservoir. The well is producing from perforations 10,470'-16,982'. On test 9/27/2014 the well flowed at the rate of 391 BOPD, 38 MCFD, and 629 BWPD. This well has an expected recovery of approximately 81 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 BS #026H will not be a commercial well and should not be incorporated into a participating area.


R. Bryce Bezant, P.E.

1
RBB/tah

Cc: Travis Mears
Tom McCarthy
Steve Johnson

ECONOMIC PROJECTION

Date : 3/9/2016

Lior: 1004631

3:03:21PM

Project Name : 7-1-2015 NSAI Review For BOPCO, LP

Partner : All cases

Case Type : LEASE CASE

Archive Set : BOPCO 1/2016

Cum Oil (Mbbbl) : 0.00

Cum Gas (MMcf) : 0.00

As Of Date : 06/01/2014

Discount Rate (%) : 5.00

1004631/PLU CVX JV BS/02611/2ND

Lease Name : 1004631/PLU CVX JV BS/026H/2ND

Reserv Cat : Proved Producing

Field : WILDCAT G-06 S243026M;BONE SPRIN

Operator : BOPCO

Reservoir : BONE SPRING 2A SAND

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2014	13.401	18.786	10.652	60.767	13.066	10.385	59.248
2015	15.706	78.556	44.541	254.105	15.313	43.428	247.752
2016	10.650	44.620	25.299	144.331	10.384	24.667	140.723
2017	7.344	32.777	18.585	106.024	7.160	18.120	103.374
2018	5.703	26.254	14.886	84.923	5.561	14.514	82.799
2019	4.701	22.044	12.499	71.306	4.584	12.186	69.523
2020	4.030	19.132	10.848	61.886	3.930	10.577	60.339
2021	0.909	4.343	2.462	14.047	0.887	2.401	13.696

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	62.445	246.511	139.772	797.389	60.884	136.277	777.454
Ult.	62.445	246.511					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2014	68.87	3.34	0.61	899.81	34.67	35.85	970.34
2015	43.60	2.43	0.41	667.72	105.33	102.01	875.05
2016	30.79	1.94	0.34	319.67	47.89	47.19	414.75
2017	37.46	2.33	0.36	268.25	42.19	37.12	347.56
2018	40.17	2.39	0.38	223.35	34.72	31.11	289.18
2019	41.93	2.44	0.39	192.21	29.69	27.42	249.32
2020	43.25	2.51	0.39	169.95	26.55	23.80	220.29
2021	43.87	2.75	0.39	38.90	6.61	5.40	50.91

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	45.66	2.40	0.40	2,779.86	327.64	309.91	3,417.41

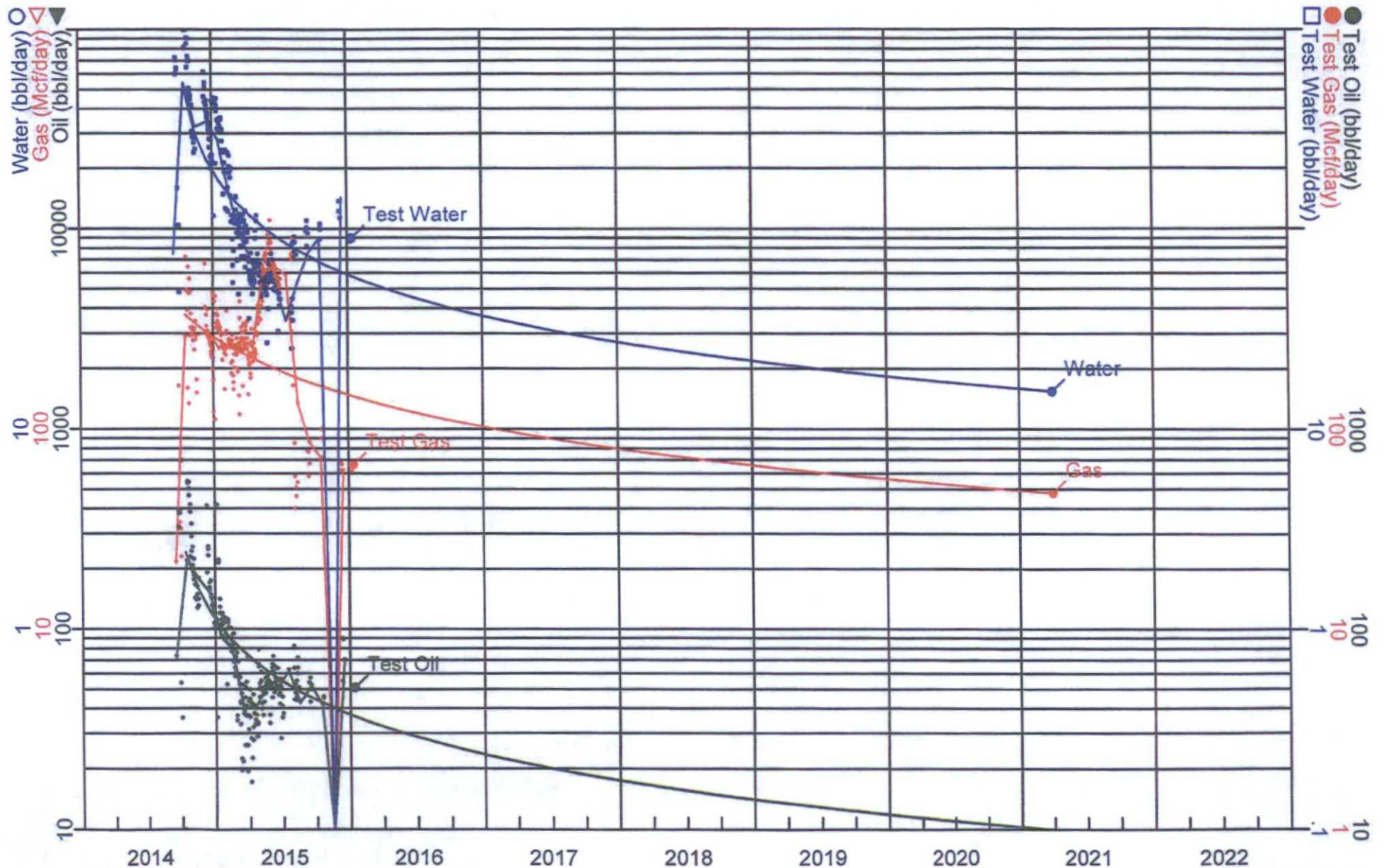
Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2014	41.65	1.83	6,097.02	66.88	-5,237.05	-5,237.05	-5,253.92	-5,253.92
2015	55.70	2.63	250.00	226.72	340.00	-4,897.05	323.84	-4,930.08
2016	26.47	1.24	0.00	210.45	176.59	-4,720.45	159.67	-4,770.40
2017	22.37	1.04	0.00	203.46	120.69	-4,599.77	104.01	-4,666.39
2018	18.59	0.87	0.00	200.05	69.68	-4,530.09	57.22	-4,609.17
2019	15.99	0.75	0.00	197.98	34.61	-4,495.48	27.09	-4,582.08
2020	14.16	0.66	0.00	196.60	8.88	-4,486.60	6.66	-4,575.42
2021	3.28	0.15	0.00	47.69	-0.21	-4,486.81	-0.15	-4,575.57

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	198.21	9.18	6,347.02	1,349.81	-4,486.81	-4,486.81	-4,575.57	-4,575.57

Major Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)				
Perfs :	0	Revenue Int :	0.97500000	5.00% :	-4,575.57			
Initial Rate :	6,700.00 Mcf/month	Disc. Initial Invest. (m\$) :	6,336.622	9.00% :	-4,637.03			
Abandonment :	1,447.12 Mcf/month	Internal ROR (%) :	>1000.0	10.00% :	-4,651.26			
Initial Decline :	75.00 % year b = 1.200	ROI Investment (disc/undisc) :	0.28 / 0.29	12.00% :	-4,678.52			
Bee Ratio :	0.75 bbl/Mcf	Years to Payout :	0.00	15.00% :	-4,716.62			
End Ratio :	0.21 bbl/Mcf	Abandonment Date :	03/31/2021	20.00% :	-4,773.67			
Forecast Start :	10/01/2014			30.00% :	-4,868.66			
		Initial	1st Rev.	2nd Rev.	40.00% :	-4,944.82		
		Working Interest :	1.00000000	0.00000000	50.00% :	-5,007.52		
		Revenue Interest :	0.97500000	0.00000000	60.00% :	-5,060.23		
		Rev. Date :						

1004631/PLU CVX JV BS/026H/2ND
Oper: BOPCO
Major Phase: Gas

Field: WILDCAT G-06 S243026M;BONE SPRING
EDDY, NM
ECL Date: 03/31/2021



Proj Gas Cum: 0.00 MMcf
Gas Rem: 246.51 MMcf
Gas EUR: 246.51 MMcf

Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 62.45 Mbbbl
Oil EUR: 62.45 Mbbbl

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL PLU CVX JV BIG SINKS #026H (23-24-30) FORMATION BONE SPRING
 LOCATION UNIT, 100 FEET FROM NORTH LINE & 1040 FEET FROM EAST LINE
 SECTION 2 TOWNSHIP 25S RANGE 30E COUNTY Eddy NEW MEXICO
 SPUD DATE 6/13/2014 COMPLETION DATE 8/1/2014 INITIAL PRODUCTION 8/14/2014
 PERFORATIONS 10470-16982
 BHL: 1316' FSL & 317' FEL SEC 11 T24S R30E

STIMULATION:

ACID _____

 FRACTURE See Attached

POTENTIAL (9/27/2014): 391 BOPD, 38 MCFPD, 629 BWPD

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

VOLUMETRIC CALCULATION

	SANDS PERFORATED	POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>160</u>	_____
Porosity (Φ), %	<u>8.0%</u>	_____
Water saturation (Sw), %	<u>48%</u>	_____
Net Thickness (H), ft.	<u>302.33</u>	_____
Temperature (T), Fahrenheit	<u>151</u>	_____
Bottom Hole pressure (P), psia	<u>4,894</u>	_____
Recovery factor (RF), %	<u>12%</u>	_____
Recoverable oil, MBO *(See eq. below)	<u>996.5</u>	_____

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

Formula = $((7758 \text{ rb/ac-ft}) (\phi_{or}) (1-S_w)/[Boi \text{ rbo/stb}](RF)(A) (h))/1000 \text{ bo/Mbo}$ Boi = 1.88 rb/stb

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO	<u>2/29/2016</u>	<u>32,563</u>	BBL Oil	<u>99,248</u>	MCF Gas
INITIAL RATE (q _i)		<u>370</u>	BOPD		
ECONOMIC LIMIT (q _e)		<u>1</u>	BOPD		
HYPERBOLIC DECLINE RATE, d _y		<u>n = 1.2, d = 75%/yr</u>			
REMAINING MBO (Q) =		<u>30</u>			
ULTIMATE RECOVERABLE MBO		<u>62</u>			

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$2,711,180 (to the depth of formation completed)

COMPLETION COST \$4,066,739

GROSS TOTAL COST \$6,777,899

YEAR	GROSS OIL MBO	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	<u>13.401</u>	<u>970.3</u>	<u>110.4</u>	<u>-5253.9</u>
2	<u>15.708</u>	<u>875.1</u>	<u>285.1</u>	<u>323.8</u>
3	<u>10.650</u>	<u>414.8</u>	<u>238.2</u>	<u>159.7</u>
4	<u>7.344</u>	<u>347.6</u>	<u>226.9</u>	<u>104.0</u>
5	<u>5.703</u>	<u>289.2</u>	<u>219.5</u>	<u>57.2</u>
6	<u>4.701</u>	<u>249.3</u>	<u>214.7</u>	<u>27.1</u>
7	<u>4.030</u>	<u>220.3</u>	<u>211.4</u>	<u>6.7</u>
8	<u>0.909</u>	<u>50.9</u>	<u>199.4</u>	<u>-0.2</u>
9			<u>0.0</u>	<u>0.0</u>
10			<u>0.0</u>	<u>0.0</u>
REMAINDER			<u>0.0</u>	<u>0.0</u>
TOTAL	<u>62.444</u>	<u>3417.4</u>	<u>1705.6</u>	<u>-4575.6</u>

WELL IS NOT COMMERCIAL

Form 3160-1
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

RECEIVED

JAN 15 2015

FORM APPROVED
OMB No. 1001-0137
Expires: July 31, 2010

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 16 2015

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC068905							
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. Allottee or Tribe Name							
2. Name of Operator BOPCO LP		7. Unit or CA Agreement Name and No. NMNM71016X							
3. Address P O BOX 2760 MIDLAND, TX 79702		8. Lease Name and Well No. POKER LAKE UNIT CVX JV BS 026H							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 100FNL 1040FEL At top prod interval reported below SESE 312FSL 969FEL At total depth SENE 1316FSL 317FEL		9. API Well No. 30-015-42375							
14. Date Spudded 06/10/2014		15. Date T.D. Reached 07/26/2014							
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/15/2014		17. Elevations (DIP, KB, RT, GL)* 3433 GL							
18. Total Depth: MD 16800 TVD 9837		19. Plug Back T.D.: MD TVD							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCBL							
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0		835		700	196	0	
12.250	9.625 J55	40.0		4081		1200	387	0	
8.750	7.000 HCP110	26.0		9984	4998	1500	732	4064	
6.125	4.500 HCP110	11.6	9908	16800		700	154	9908	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.875	9250	9250							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) 2ND BONE SPRING	9600	16800	10470 TO 16982	0.410	132	OPEN			
B)									
C)									
D)									
26. Perforation Record									
Depth Interval	Amount and Type of Material								
10470 TO 16800	FRAC DOWN CSG USING TOTAL 49288 BBLs FLUID, 2867292# SAND ACROSS 11 STAGES								
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
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
09/20/2014	09/27/2014	24	→	391.0	38.0	629.0			Flows from Well
Choke Size	Thg. Press. Pkg. SI	Cap. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64		0.0	→	391	38	629	97	POW	
28a. 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	Thg. Press. Pkg. SI	Cap. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #172082 VERIFIED BY THE WLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ACCEPTED FOR RECORD

Flows from Well

BUREAU 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	Thg. Press. Pwg. SI	Org. 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	Thg. Press. Pwg. SI	Org. 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 of 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
BELL CANYON	4102	5008	SANDSTONE	RUSTLER	488
CHERRY CANYON	5008	6313	SANDSTONE	SALADO/T. SALT	882
BRUSHY CANYON	6313	7964	SANDSTONE	B. SALT	3860
BONE SPRING	7964		SANDSTONE, LIMESTONE	BELL CANYON	4102
				CHERRY CANYON	5008
				BRUSHY CANYON	6313
				U AVALON SHALE	8170
				2ND BONE SPRING SMD	9600

32. Additional remarks (include plugging procedure):

****CONFIDENTIAL COMPLETION****

Well drilled on same pad as #028H. No logs run.

Cmt did not circulate from DV to surf. TOC 7520 per CBL. Cmt did not circ from DV to surf. TOC by CBL.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

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

Electronic Submission #272082 Verified by the BLM Well Information System.

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 01/02/2015 ()

Name (please print) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/20/2014

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

DISTRICT I
1020 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1020 S. St. Francis Dr., Santa Fe, NM 87505

CONFIDENTIAL NM OIL CONSERVATION
ARTESIA DISTRICT
State of New Mexico
Energy, Minerals and Natural Resources Department
OCT 23 2014

Form C-102
Revised July 16, 2010
Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT
"As Drilled"

API Number 30-015-42375	Pool Code 97913	Pool Name WC G-06 S243026M; Bone Spring
Property Code 313213	Property Name Poker Lake Unit CVX JV BS	Well Number 026H
ODRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3434'

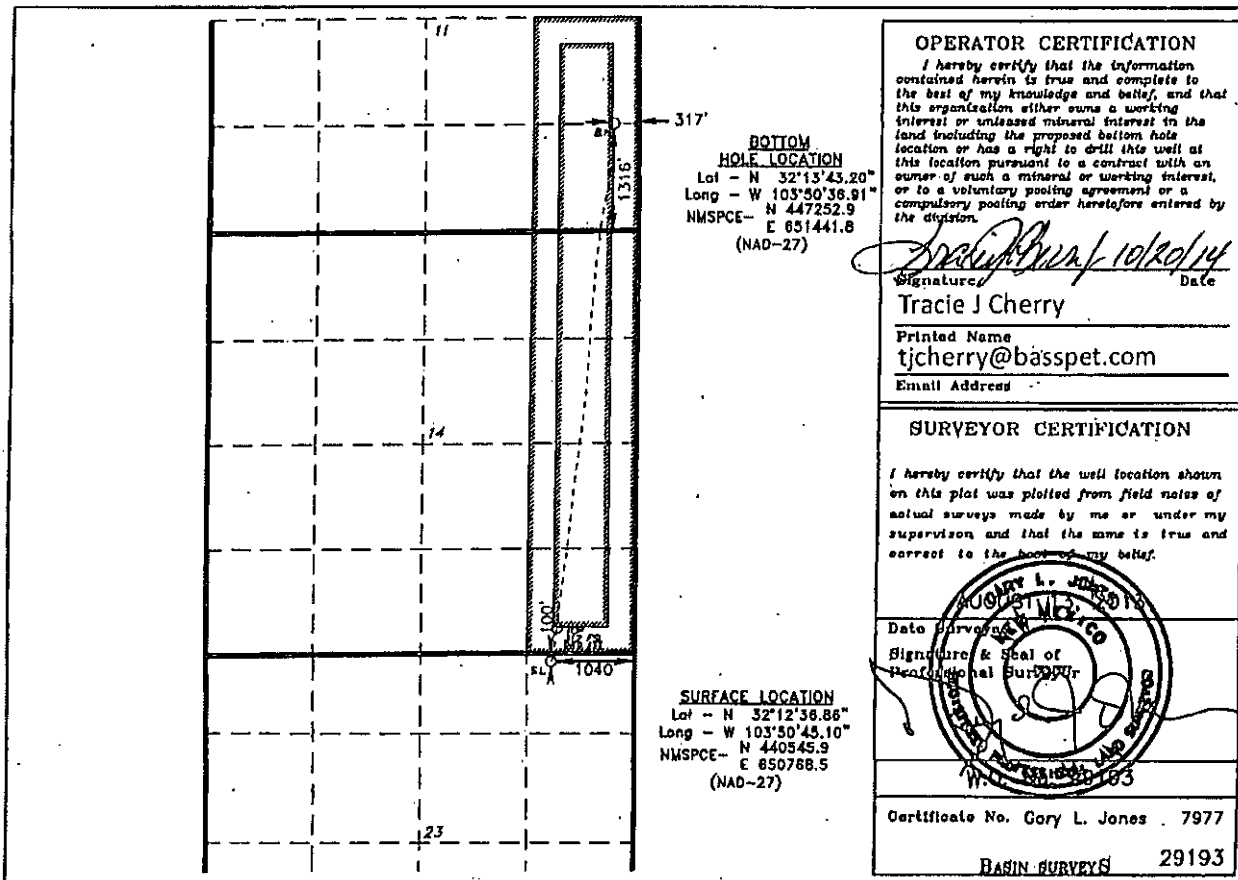
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	24 S	30 E		100	NORTH	1040	EAST	EDDY

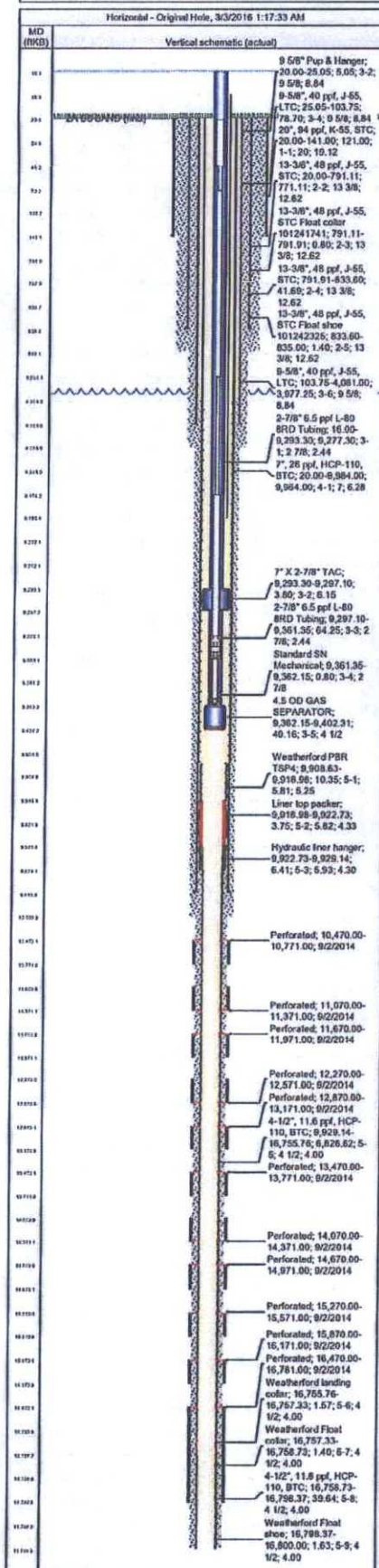
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1P	11	24 S	30 E		1316	SOUTH	317	EAST	EDDY
Dedicated Acres 240	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



Surface Location: 550' FNL & 1060' FEL, Sec 23, T24S-R30E



Well Information									
Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	On Production Date	PSTD (Aft) (ft)				
	3,434.00	20.00	6/10/2014	10/18/2014					
Kick Off depth (ft)									
Wellbore Name: Original Hole						Top Depth (ft): 9,262.0			
Size (in)		Act Top (ft)		Act Blm (ft)					
20		20.0				141.0			
17 1/2		141.0				845.0			
12 1/4		845.0				4,090.0			
8 3/4		4,090.0				10,004.0			
6 1/8		10,004.0				16,800.0			
Schematic Annotations									
Type	Depth (ft)	Annotation							
Casing Strings									
Csg Des	Wellbore	OD (in)	Wt (lb/ft)	Grade	Top Thread	Set @ (ft)	Top (ft)		
Conductor	Original Hole	20	84.00	K-55		141.00	241.00		
Surface	Original Hole	13 3/8	46.00	J-55	ST&C	835.00	20.00		
Intermediate 1	Original Hole	9 5/8	40.00	J-55	LTRC	4,081.00	20.00		
Production	Original Hole	7	26.00	HCP-110	BT&C	9,984.00	20.00		
Liner	Original Hole	4 1/2	11.60	HCP-110	BT&C	16,800.00	9,908.00		
Perforations									
Perf Date	Top (ft)	Blm (ft)	Linked Zone			Current Status			
9/2/2014	10,470.0	10,771.0	2nd Bone Spring Sand, Original Hole			Active (10,770.0 - 10,771.0 ft)			
9/2/2014	11,070.0	11,371.0	2nd Bone Spring Sand, Original Hole			Active (11,070.0 - 11,071.0 ft)			
9/2/2014	11,670.0	11,971.0	2nd Bone Spring Sand, Original Hole			Active (11,970.0 - 11,971.0 ft)			
9/2/2014	12,270.0	12,571.0	2nd Bone Spring Sand, Original Hole			Active (12,270.0 - 12,271.0 ft)			
9/2/2014	12,870.0	13,171.0	2nd Bone Spring Sand, Original Hole			Active (13,170.0 - 13,171.0 ft)			
9/2/2014	13,470.0	13,771.0	2nd Bone Spring Sand, Original Hole			Active (13,770.0 - 13,771.0 ft)			
9/2/2014	14,070.0	14,371.0	2nd Bone Spring Sand, Original Hole			Active (14,070.0 - 14,071.0 ft)			
9/2/2014	14,670.0	14,971.0	2nd Bone Spring Sand, Original Hole			Active (14,970.0 - 14,971.0 ft)			
9/2/2014	15,270.0	15,571.0	2nd Bone Spring Sand, Original Hole			Active (15,570.0 - 15,571.0 ft)			
9/2/2014	15,870.0	16,171.0	2nd Bone Spring Sand, Original Hole			Active (16,170.0 - 16,171.0 ft)			
9/2/2014	16,470.0	16,781.0	2nd Bone Spring Sand, Original Hole			Active (16,470.0 - 16,471.0 ft)			
Tubing Strings									
Tubing Description	Run Date	String Length (ft)	Set Depth (ft)						
Tubing - Production	11/20/2015	9,386.31	9,402.31						
No.	Item Desc	Jts	OD (in)	Wt (lb/ft)	Grade	Top (ft)			
3-1	2-7/8" 6.5 ppf L-80 BHD Tubing	289	2 7/8	6.50	L-80	16.00			
3-2	7" X 2-7/8" TAC	1	6.151			9,293.33			
3-3	2-7/8" 6.5 ppf L-80 BHD Tubing	2	2 7/8	6.50	L-80	9,287.17			
3-4	Standard SH Mechanical	1	2 7/8			9,361.14			
3-5	4.5 OD GAS SEPARATOR	1	4 1/2			9,362.22			
Other Downhole Equipment									
Run Date	Des	OD (in)	Top (ft)	Blm (ft)					
10/15/2014	Cap String	1 1/4	16.00	9,165.4					
Rod Strings									
Rod Description	Run Date	String Length (ft)	Set Depth (ft)						
Rod	11/30/2015	9,342.00	9,362.15						
Item #	Item Desc	Jts	OD (in)	Wt (lb/ft)	Grade	Top (ft)			
1-1	Polish Rod	1	1 1/2			20.2			
1-2	Pony Rods T-66	1	1			46.2			
1-3	Continuous Sucker Rod	1	15/16	2.35	D	70.2			
1-4	Continuous Sucker Rod	1	7/8	2.04	D	1,596.2			
1-5	API C Sucker Rod	6	1 1/2	6.01		9,176.2			
1-6	2-1/2" X 1-3/4" X 24' RHBM-HVR-TSB-2674	1	2.4			9,326.2			
1-7	1-1/4" X 1/2" DIP TUBE	1	1 1/4			9,350.2			
Cement									
Surface Casing Cement, 6/11/2014									
String: Surface, 835.00ftKB Cement Evaluation Results:									
Stage Number	Stage Top (ft)	Stage Bottom (ft)	Vol Cement Ret (bbl)	Top Measurement Method					



Schematic - Vertical Production

BOPCO, L.P. - West Texas

Well Name: POKER LAKE UNIT CVX JV BS #026H (23-24-30)

Well ID: 30-015-42375

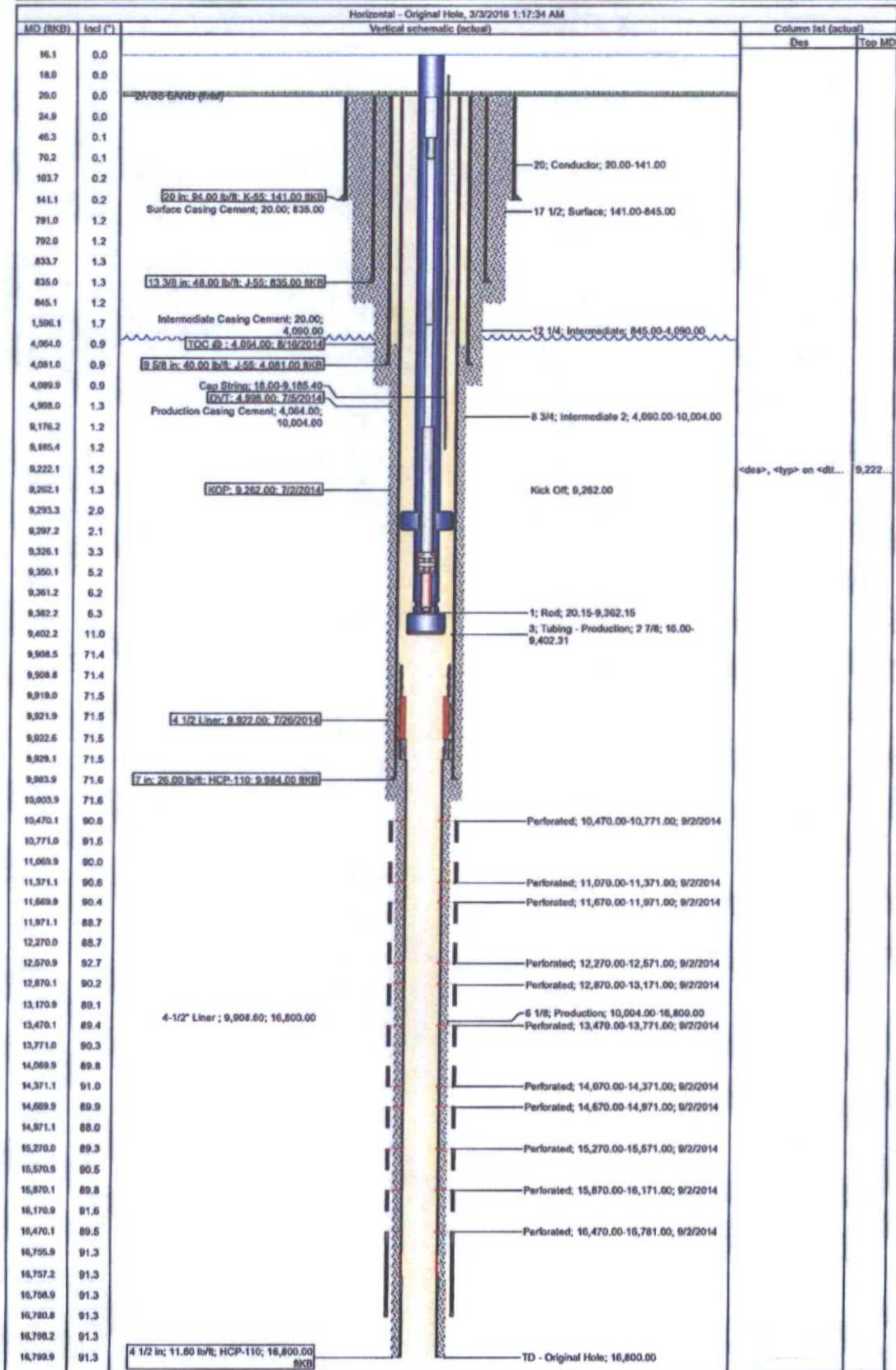
Field: Undesignated (Bone Spring)

Sect: 23 Town: 24S Rng: 30E Eddy Co., State: New Mexico

Blk: Survey:

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Workover/Maintenance	Lift Change		11/17/2015	12/2/2015



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

March 28, 2016

RECEIVED OGD

2016 MAR 28 A 9:26

FEDERAL EXPRESS

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 #021H
Poker Lake Unit (Bone Spring 2 Shale)
Eddy County, New Mexico

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 Bone Spring 2 Shale. Should you be in agreement that the Bone Spring 2 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: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

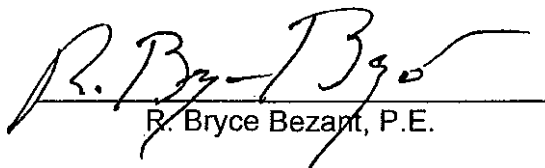


INTER-OFFICE MEMORANDUM

TO: Ross Sutton
FROM: Bryce Bezant
DATE: 2/29/2016
RE: Commercial Determination
PLU CVX JV PC #021H
Poker Lake Unit (Bone Spring 2 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 #021H was drilled in 2014 to a total depth of 17,202' laterally completed in the Bone Spring 2 Shale reservoir. The well is producing from perforations 10,432'-17,183'. On test 1/20/2015 the well flowed at the rate of 527 BOPD, 800 MCFD, and 848 BWPD. This well has an expected recovery of approximately 338 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 #021H will not be a commercial well and should not be incorporated into a participating area.


R. Bryce Bezant, P.E.

RBB/tah

Cc: Travis Mears
Tom McCarthy
Steve Johnson

ECONOMIC PROJECTION

Date : 2/29/2016

Lior: 1004419

11:11:14AM

Project Name : 7-1-2015 NSAI Review For BOPCO, LP

Partner : All cases

Case Type : LEASE CASE

Archive Set : BOPCO 1/2016

Cum Oil (Mbbbl) : 0.00

Cum Gas (MMcf) : 0.00

As Of Date : 06/01/2014

Discount Rate (%) : 5.00

1004419/PLU CVX JV PC/021H/2ND

Lease Name : 1004419/PLU CVX JV PC/021H/2ND

Reserv Cat : Proved Shut-In

Field : CORRAL CANYON: BONE SPRING, SO

Operator : BOPCO

Reservoir : Bone Spring 2 Shale

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)
2014	7.454	14.028	4.692	0.000	6.833	4.301	0.000
2015	53.846	186.462	62.372	0.000	49.359	57.174	0.000
2016	22.117	89.798	30.037	289.149	20.274	27.534	265.054
2017	20.481	88.452	29.587	284.815	18.774	27.122	261.080
2018	15.651	70.488	23.578	226.972	14.347	21.613	208.058
2019	12.890	59.733	19.981	192.340	11.816	18.316	176.312
2020	11.099	52.558	17.581	169.236	10.174	16.116	155.133
2021	9.764	47.050	15.738	151.502	8.950	14.427	138.876
2022	8.778	42.918	14.356	138.195	8.047	13.160	126.679
2023	8.002	39.464	13.201	127.073	7.335	12.100	116.483

Rem	83.248	410.979	137.473	1,323.354	76.311	126.017	1,213.074
Total	253.331	1,101.930	368.595	2,902.635	232.220	337.879	2,660.749
Ult.	253.331	1,101.930					

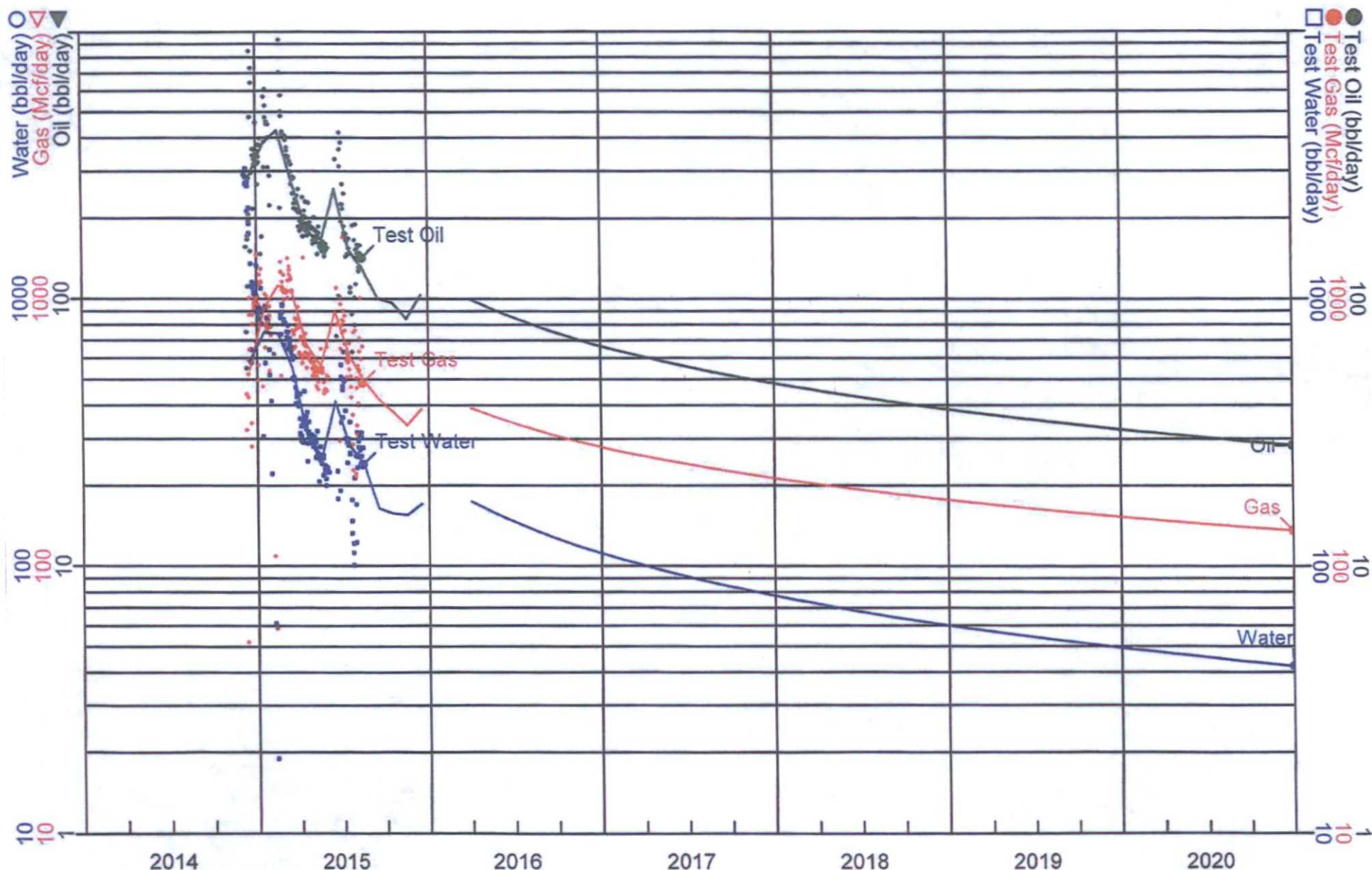
Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2014	52.81	3.09	0.00	360.86	13.29	0.00	374.14
2015	43.88	2.36	0.00	2,166.09	135.13	0.00	2,301.22
2016	32.30	1.98	0.34	654.84	54.54	89.66	799.04
2017	37.45	2.33	0.36	703.17	63.14	93.75	860.07
2018	40.17	2.39	0.38	576.26	51.70	78.19	706.14
2019	41.93	2.44	0.39	495.48	44.62	69.53	609.64
2020	43.25	2.51	0.39	440.00	40.45	61.18	541.63
2021	44.20	2.61	0.39	395.62	37.70	54.77	488.09
2022	44.90	2.73	0.39	361.29	35.90	49.96	447.15
2023	45.57	2.84	0.39	334.28	34.40	45.94	414.62
Rem	46.26	3.40	0.39	3,529.89	428.27	478.41	4,436.57
Total	43.14	2.78	0.38	10,017.78	939.14	1,021.40	11,978.32

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\$)
2014	26.64	18.71	6,471.74	52.33	-6,195.27	-6,195.27	-6,202.53	-6,202.53
2015	164.30	115.06	0.00	517.31	1,504.55	-4,690.73	1,438.37	-4,764.16
2016	50.76	39.95	0.00	237.92	470.41	-4,220.31	421.55	-4,342.61
2017	54.87	43.00	250.00	232.37	279.83	-3,940.48	237.71	-4,104.90
2018	44.96	35.31	0.00	220.80	405.07	-3,535.42	332.18	-3,772.71
2019	38.67	30.48	0.00	214.35	326.13	-3,209.29	254.69	-3,518.03
2020	34.41	27.08	0.00	210.24	269.90	-2,939.39	200.72	-3,317.31
2021	31.04	24.40	0.00	207.26	225.39	-2,714.00	159.61	-3,157.70
2022	28.47	22.36	0.00	205.08	191.25	-2,522.75	128.98	-3,028.72
2023	26.43	20.73	0.00	203.38	164.08	-2,358.67	105.39	-2,923.33
Rem	284.27	221.83	0.00	5,506.53	-1,576.06	-1,576.06	-211.21	-211.21
Total	784.83	598.92	6,721.74	7,807.57	-3,934.73	-3,934.73	-3,134.54	-3,134.54

Major Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)	
Perfs :	0 0	Revenue Int :	0.91666668	5.00% :	-3,134.54
Initial Rate :	11,844.79 Mcf/month	Disc. Initial Invest. (m\$) :	6,690.328	9.00% :	-3,260.04
Abandonment :	300.00 Mcf/month	Internal ROR (%) :	>1000.0	10.00% :	-3,316.11
Initial Decline :	43.97 % year b = 1.600	ROIvestment (disc/undisc) :	0.53 / 0.41	12.00% :	-3,436.11
Bcg Ratio :	0.26 bbl/Mcf	Years to Payout :	0.00	15.00% :	-3,616.79
End Ratio :	0.20 bbl/Mcf	Abandonment Date :	03/20/2052	20.00% :	-3,887.26
Forecast Start :	04/01/2016			30.00% :	-4,293.94
		Initial	1st Rev.	40.00% :	-4,573.26
		Working Interest :	0.00000000	50.00% :	-4,776.04
		Revenue Interest :	0.91666668	60.00% :	-4,930.80
		Rev. Date :			

1004419/PLU CVX JV PC/021H/2ND
Oper: BOPCO
Major Phase: Gas

Field: CORRAL CANYON: BONE SPRING, SOUTH
EDDY, NM
ECL Date: 03/20/2052



Proj Gas Cum: 0.00 MMcf
Gas Rem: 1,101.93 MMcf
Gas EUR: 1,101.93 MMcf

Proj Oil Cum: 0.00 Mbbl
Oil Rem: 253.33 Mbbl
Oil EUR: 253.33 Mbbl

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL PLU CVX JV PIERCE CANYON #021H FORMATION BONE SPRING
 LOCATION UNIT, 330 FEET FROM SOUTH LINE & 675 FEET FROM EAST LINE
 SECTION 17 TOWNSHIP 25S RANGE 30E COUNTY Eddy NEW MEXICO
 SPUD DATE 8/31/2014 COMPLETION DATE 12/8/2014 INITIAL PRODUCTION 12/8/2014
 PERFORATIONS 10432-17183
 BHL: 2315' FSL & 671' FEL SEC 8 T25S R30E

STIMULATION:

ACID _____

 FRACTURE See Attached

POTENTIAL (1/20/2015): 527 BOPD, 800 MCFPD, 848 BWPD

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

VOLUMETRIC CALCULATION

	SANDS PERFORATED	POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>160</u>	<u> </u>
Porosity (Φ), %	<u>4.6%</u>	<u> </u>
Water saturation (Sw), %	<u>21%</u>	<u> </u>
Net Thickness (H), ft.	<u>239</u>	<u> </u>
Temperature (T), Fahrenheit	<u>151</u>	<u> </u>
Bottom Hole pressure (P), psia	<u>4,894</u>	<u> </u>
Recovery factor (RF), %	<u>12%</u>	<u> </u>
Recoverable oil, MBO *(See eq. below)	<u>684.7</u>	<u> </u>

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

Formula = $((7758 \text{ rb/ac-ft}) (\text{por}) (1-S_w)/(\text{BoI rbo/stb})(\text{RF})(A) (h))/1000 \text{ bo/Mbo}$ BoI = 1.88 rb/stb

Continued

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO	<u>12/31/2015</u>	<u>61,300</u> BBL Oil	<u>200,490</u> MCF Gas
INITIAL RATE (qi)	<u>450 BOPD</u>		
ECONOMIC LIMIT (ql)	<u>1.165 BOPD</u>		
HYPERBOLIC DECLINE RATE, dy	<u>n = .95, d = 96%/yr</u>		
REMAINING MBO (Q) =	<u>192</u>		
ULTIMATE RECOVERABLE MBO	<u>253</u>		

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$4,578,570 (to the depth of formation completed)COMPLETION COST \$3,052,380GROSS TOTAL COST \$7,630,950

YEAR	GROSS OIL MBO	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	<u>7.454</u>	<u>374.1</u>	<u>97.7</u>	<u>-6202.5</u>
2	<u>53.846</u>	<u>2301.2</u>	<u>796.7</u>	<u>1438.4</u>
3	<u>22.117</u>	<u>799.0</u>	<u>328.6</u>	<u>421.6</u>
4	<u>20.481</u>	<u>860.1</u>	<u>330.2</u>	<u>237.7</u>
5	<u>15.651</u>	<u>706.1</u>	<u>301.1</u>	<u>332.2</u>
6	<u>12.890</u>	<u>609.6</u>	<u>283.5</u>	<u>254.7</u>
7	<u>11.099</u>	<u>541.6</u>	<u>271.7</u>	<u>200.7</u>
8	<u>9.784</u>	<u>488.1</u>	<u>262.7</u>	<u>159.6</u>
9	<u>8.778</u>	<u>447.2</u>	<u>255.9</u>	<u>129.0</u>
10	<u>8.002</u>	<u>414.6</u>	<u>250.5</u>	<u>105.4</u>
REMAINDER	<u>83.248</u>	<u>4435.6</u>	<u>6012.6</u>	<u>-211.2</u>
TOTAL	<u>253.330</u>	<u>11978.3</u>	<u>9191.3</u>	<u>-3134.6</u>

WELL IS NOT COMMERCIAL

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
DISTRICT

OCD Area 318

JUN 11 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

5. Lease Serial No.
NMLC064894A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM71016X	
2. Name of Operator BOPCO LP		8. Lease Name and Well No. POKER LAKE UNIT CVX JV PC 021H	
3. Address P O BOX 2760 MIDLAND, TX 79702		9. API Well No. 30-015-42390	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 330FSL 675FEL At top prod interval reported below Sec 17 T25S R30E Mer NMP SESE 872FSL 664FEL At total depth NESE 2315FSL 671FEL		10. Field and Pool, or Exploratory CORRAL CANYON; BONE SPR, S	
14. Date Spudded 08/31/2014		15. Date T.D. Reached 10/14/2014	
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/08/2014		17. Elevations (DF, KB, RT, GL)* 3233 GL	
18. Total Depth: MD 17202 TVD 10120		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL/GR/CCL, RCB/GR/CCL	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		1176		1305	365	0	
12.250	9.625 J55	40.0		3734		1165	367	1160	
8.750	5.500 HCP110	17.0		17202	5805	3455	984	3900	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ARND BONE SPRING SAND	9338	10044	10432 TO 17183	0.430	456	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10432 TO 17183	FRAC DOWN CSG USING TOTAL 190,939 BBL FLUID, 5,484,514# PROPANT ACROSS 19 STAGES

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/08/2014	01/20/2015	24	→	527.0	800.0	848.0			
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI		→				1518	POW	

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
12/08/2014	01/20/2015	24	→	527.0	800.0	848.0			
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI		→				1518	POW	

28a. 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
12/08/2014	01/20/2015	24	→	527.0	800.0	848.0			
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI		→				1518	POW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #288959 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ACCEPTED FOR RECORD
FLOWS FROM WELL
JUN 1 2015
BUREAU 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. Pkg. 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. Pkg. 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 of 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
BELL CANYON	3788	4660	SANDSTONE, SILTSTONE, SHALES	RUSTLER	861
CHERRY CANYON	4660	5902	SANDSTONE, SILTSTONE, SHALES	SALADO/T. SALT	1112
BRUSHY CANYON	5902	7308	SANDSTONE, SILTSTONE, SHALES	B. SALT	3780
L. BRUSHY CANYON	7308	7570	SANDSTONE, SILTSTONE, SHALES	BELL CANYON	3788
BONE SPRING	7570	8505	LIMESTONE, SHALES, SANDSTONE	CHERRY CANYON	4660
1ST BONE SPRING SAND	8505	9338	LIMESTONE, SHALES, SANDSTONE	BRUSHY CANYON	5902
2ND BONE SPRING SAND	9338	10044	LIMESTONE, SHALES, SANDSTONE	BONE SPRING	7570
2ND BONE SPRING SHALE	10044	10496	LIMESTONE, SHALES, SILTSTONE	2ND BONE SPRING SAND	9338

32. Additional remarks (include plugging procedure):

****CONFIDENTIAL COMPLETION****

TOC on 9-5/8" csg by temp survey
TOC on 5-1/2" csg by ACBL

Well currently flowing up casing. Tbg will run when pressure declines enough to do so safely.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #288959 Verified by the BLM Well Information System.
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 05/14/2015 ()

Name (please print) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 01/22/2015

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #288959 that would not fit on the form

32. Additional remarks, continued

DISTRICT I
1823 N. French Dr., Hobbs, NM 88240
Phone (505) 522-8181 Fax (505) 522-0720

DISTRICT II
011 E. First St., Artesia, NM 88210
Phone (505) 748-1233 Fax (505) 748-9750

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 354-8178 Fax (505) 354-6170

DISTRICT IV
1820 S. El Franelo Dr., Santa Fe, NM 87505
Phone (505) 478-3480 Fax (505) 478-3482

NM OIL CONSERVATION,
ARTESIA DISTRICT
State of New Mexico
Energy, Minerals and Natural Resources Department

Form O-102
Revised August 1, 2011

JUN 11 2015
Submit one copy to appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT
As Drilled

API Number 30-015-42390	Pool Code 13354	Pool Name CORRAL CANYON, BONE SPRING, S.
Property Code 40065	Property Name POKER LAKE UNIT CVX JV PC	Well Number 021H
GRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3233'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	25 S	30 E		330	SOUTH	675	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
I	8	25 S	30 E		2315	SOUTH	671	EAST	EDDY

Dedicated Acreage 240	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**

BOTTOM HOLE LOCATION
Lat - N 32°08'37.83"
Long - W 103°53'47.38"
NMSPCE- N 416325.2
E 635206.2
(NAD-27)

SURFACE LOCATION
Lat - N 32°07'25.50"
Long - W 103°53'47.30"
NMSPCE- N 409016.7
E 635242.5
(NAD-27)

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 leased 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 a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature]
Signature
Tacle J Cherry
Date 01/24/15

Printed Name
tjcherry@basspet.com
Email 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.

[Signature]
Signature
Darin Burybys
Date 01/24/15

Certification No. 7977
DARIN BURYBYS

0' 1500' 3000' 4500' 6000'
SCALE: 1" = 3000'
WD Num: 29388



Downhole Profile - Vertical Wells

Well Name: POKER LAKE UNIT CVX JV PC #021H (17-25-30)

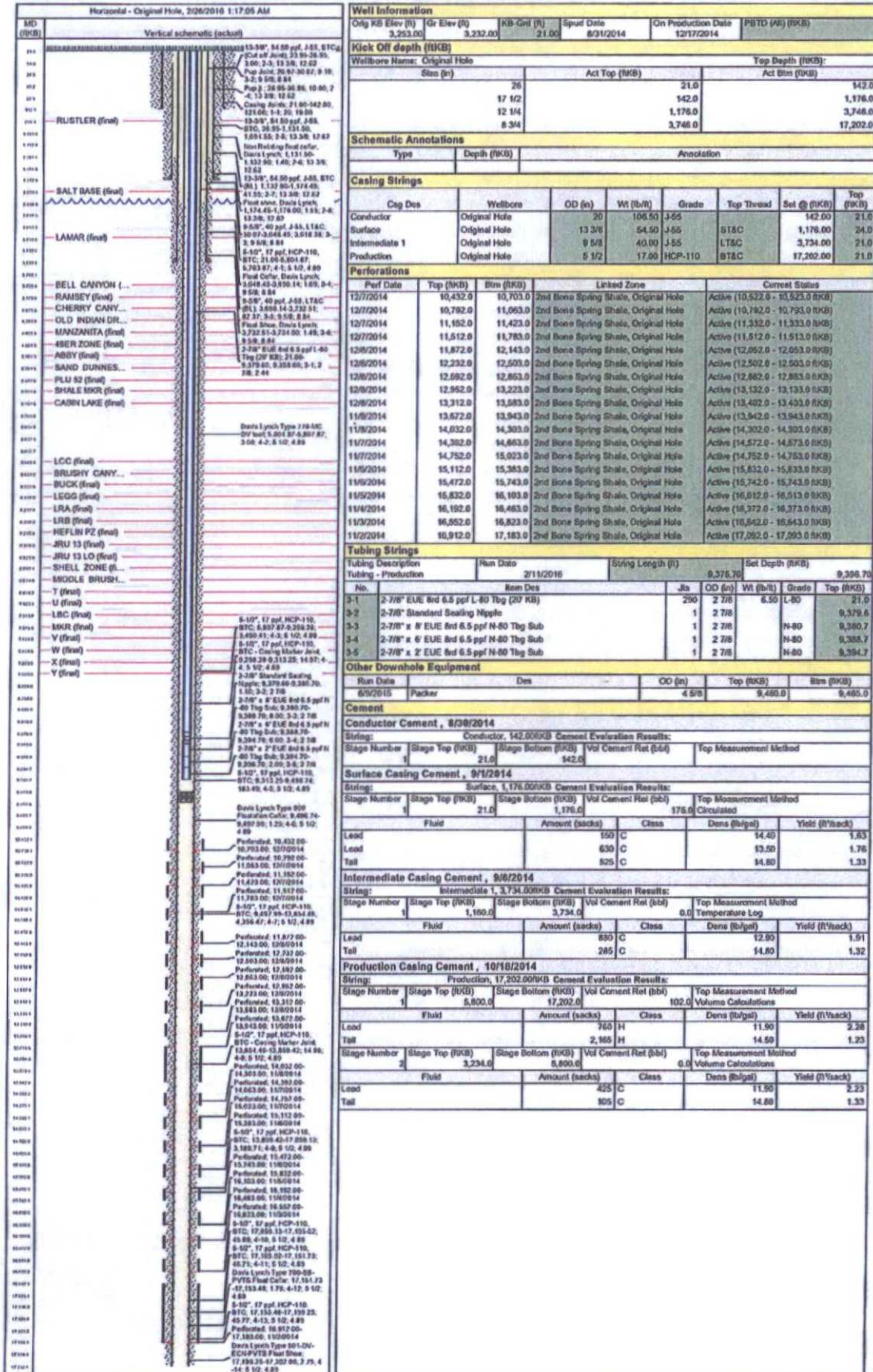
Field: Undesignated (Bone Spring)

Sect: 17 Town: 25S Rng: 30E County: Eddy State: New Mexico

BOPCO, L.P. - West Texas

Well ID: 30-015-42390

Surface Location: 330' FSL & 675' FEL, Sec 17 T25S-R30E





Schematic - Vertical Production

BOPCO, L.P. - West Texas

Well Name: POKER LAKE UNIT CVX JV PC #021H (17-25-30)

Well ID: 30-015-42390

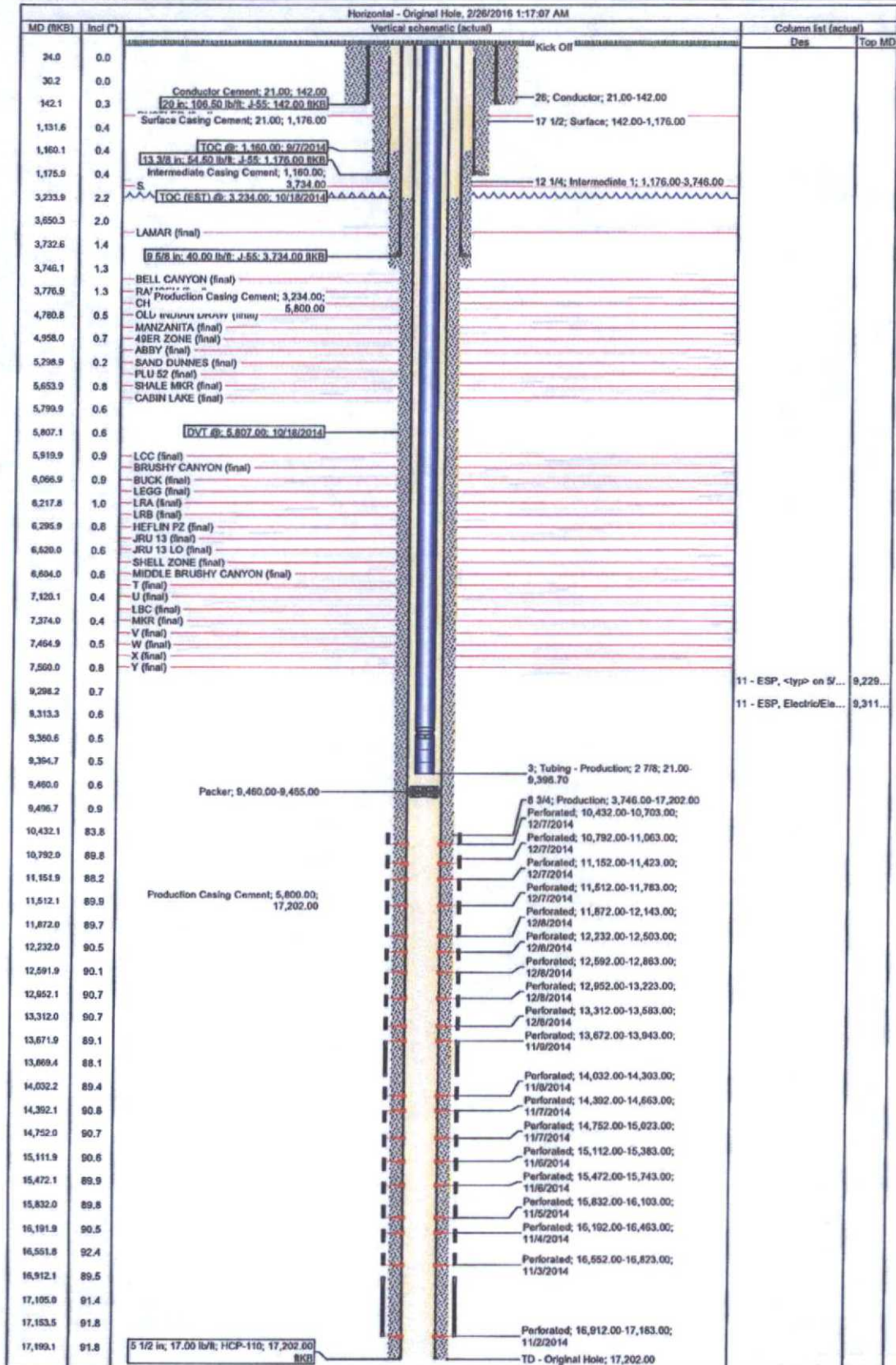
Field: Undesignated (Bone Spring)

Sect: 17 Town: 25S Rng: 30E Eddy Co., State: New Mexico

Blk: Survey:

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Workover/Maintenance	Lift Change		2/10/2016	2/12/2016



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

March 28, 2016

RECEIVED OOD

2016 MAR 28 A 9:26

FEDERAL EXPRESS

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 RR #010H
Poker Lake Unit (Bone Spring 2 Shale)
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial producer in the Bone Spring 2 Shale. Should you be in agreement that the Bone Spring 2 Shale is 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: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

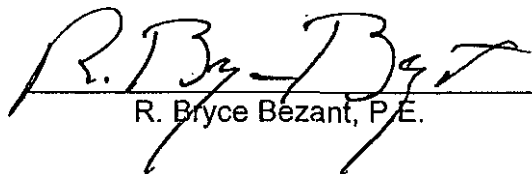


INTER-OFFICE MEMORANDUM

TO: Ross Sutton
FROM: Bryce Bezant
DATE: 2/29/2016
RE: Commercial Determination
PLU CVX JV RR #010H
Poker Lake Unit (Bone Spring 2 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 RR #010H was drilled in 2014 to a total depth of 17,992' laterally completed in the Bone Spring 2 Shale reservoir. The well is producing from perforations 10,494'-17,965'. On test 1/7/2015 the well flowed at the rate of 880 BOPD, 1570 MCFD, and 959 BWPD. This well has an expected recovery of approximately 560 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 RR #010H will be a commercial well and should be incorporated into a participating area.


R. Bryce Bezant, P.E.

RBB/tah

Cc: Travis Mears
Tom McCarthy
Steve Johnson

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL PLU CVX JV ROSS RANCH #010H FORMATION BONE SPRING
 LOCATION UNIT 290 FEET FROM SOUTH LINE & 675 FEET FROM EAST LINE
 SECTION 17 TOWNSHIP 25S RANGE 30E COUNTY Eddy NEW MEXICO
 SPUD DATE 7/16/2014 COMPLETION DATE 12/9/2014 INITIAL PRODUCTION 12/9/2014
 PERFORATIONS 10494-17985
 BHL: 2374' FNL & 348' FEL SEC 29 T25S R30E

STIMULATION:

ACID _____

 FRACTURE See Attached

POTENTIAL (1/7/2014): 880 BOPD, 1570 MCFPD, 959 BWPD

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

VOLUMETRIC CALCULATION

	SANDS PERFORATED	POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>160</u>	_____
Porosity (Φ), %	<u>4.6%</u>	_____
Water saturation (Sw), %	<u>21%</u>	_____
Net Thickness (H), ft.	<u>239</u>	_____
Temperature (T), Fahrenheit	<u>151</u>	_____
Bottom Hole pressure (P), psia	<u>4,894</u>	_____
Recovery factor (RF), %	<u>12%</u>	_____
Recoverable oil, MBO *(See eq. below)	<u>684.7</u>	_____

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

Formula = $((7758 \text{ rb/ac-ft}) (\text{por}) (1-S_w) (B_{ol} \text{ rbo/stb}) (RF) (A) (h)) / 1000 \text{ bo/Mbo}$ Boi = 1.88 rb/stb

Continued

PLU CVX JV ROSS RANCH #010H

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO	<u>1/31/2016</u>	<u>112,662</u> BBL Oil	<u>294,323</u> MCF Gas
INITIAL RATE (qi)	<u>630 BOPD</u>		
ECONOMIC LIMIT (qi)	<u>1.48 BOPD</u>		
HYPERBOLIC DECLINE RATE, dy	<u>n = .95, d = 98%/yr</u>		
REMAINING MBO (Q) =	<u>346</u>		
ULTIMATE RECOVERABLE MBO	<u>459</u>		

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$3,323,000 (to the depth of formation completed)COMPLETION COST \$4,984,500GROSS TOTAL COST \$8,307,500

YEAR	GROSS OIL MBO	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	<u>6.805</u>	<u>356.0</u>	<u>27.8</u>	<u>-7969.8</u>
2	<u>100.751</u>	<u>4566.7</u>	<u>1008.3</u>	<u>3425.8</u>
3	<u>49.643</u>	<u>1621.8</u>	<u>427.1</u>	<u>1080.5</u>
4	<u>34.922</u>	<u>1374.3</u>	<u>381.8</u>	<u>655.8</u>
5	<u>27.712</u>	<u>1165.2</u>	<u>349.6</u>	<u>441.6</u>
6	<u>23.288</u>	<u>1021.8</u>	<u>328.1</u>	<u>315.9</u>
7	<u>20.307</u>	<u>916.9</u>	<u>312.9</u>	<u>234.8</u>
8	<u>18.020</u>	<u>831.0</u>	<u>300.7</u>	<u>175.4</u>
9	<u>16.303</u>	<u>763.7</u>	<u>291.2</u>	<u>132.8</u>
10	<u>14.897</u>	<u>708.5</u>	<u>283.4</u>	<u>101.3</u>
REMAINDER	<u>148.516</u>	<u>7169.5</u>	<u>6133.0</u>	<u>232.9</u>
TOTAL	<u>459.164</u>	<u>20495.3</u>	<u>9843.7</u>	<u>-1173.1</u>

WELL IS COMMERCIAL

ECONOMIC PROJECTION

Date : 2/26/2016

Lior: 1004510

3:29:23PM

Project Name : 7-1-2015 NSAI Review For BOPCO, LP

Partner : All cases

Case Type : LEASE CASE

Archive Set : BOPCO 1/2016

Cum Oil (Mbbbl) : 0.00

Cum Gas (MMcf) : 0.00

As Of Date : 06/01/2014

Discount Rate (%) : 5.00

1004510/PLU CVX JV RR/010H/2ND

Lease Name : 1004510/PLU CVX JV RR/010H/2ND

Reserv Cat. : Proved Producing

Field : CORRAL CANYON; BONE SPRING

Operator : BOPCO

Reservoir : 2ND BONE SPRING SHALE

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2014	6.805	11.225	3.088	34.236	6.295	2.856	31.669
2015	100.751	268.736	73.929	819.645	93.195	68.385	758.171
2016	49.643	144.214	39.673	439.852	45.920	36.698	406.863
2017	34.922	102.083	28.083	311.352	32.303	25.977	288.001
2018	27.712	81.223	22.345	247.731	25.633	20.669	229.151
2019	23.288	68.360	18.806	208.498	21.541	17.395	192.861
2020	20.307	59.666	16.414	181.981	18.784	15.183	168.333
2021	18.020	52.982	14.575	161.596	16.668	13.482	149.476
2022	16.303	47.957	13.193	146.270	15.080	12.204	135.300
2023	14.897	43.831	12.058	133.684	13.780	11.153	123.657

Rem	146.516	431.073	118.588	1,448.429	135.527	109.694	1,339.797
Total	459.163	1,311.349	360.752	4,133.273	424.726	333.696	3,823.278
Ult.	459.163	1,311.349					

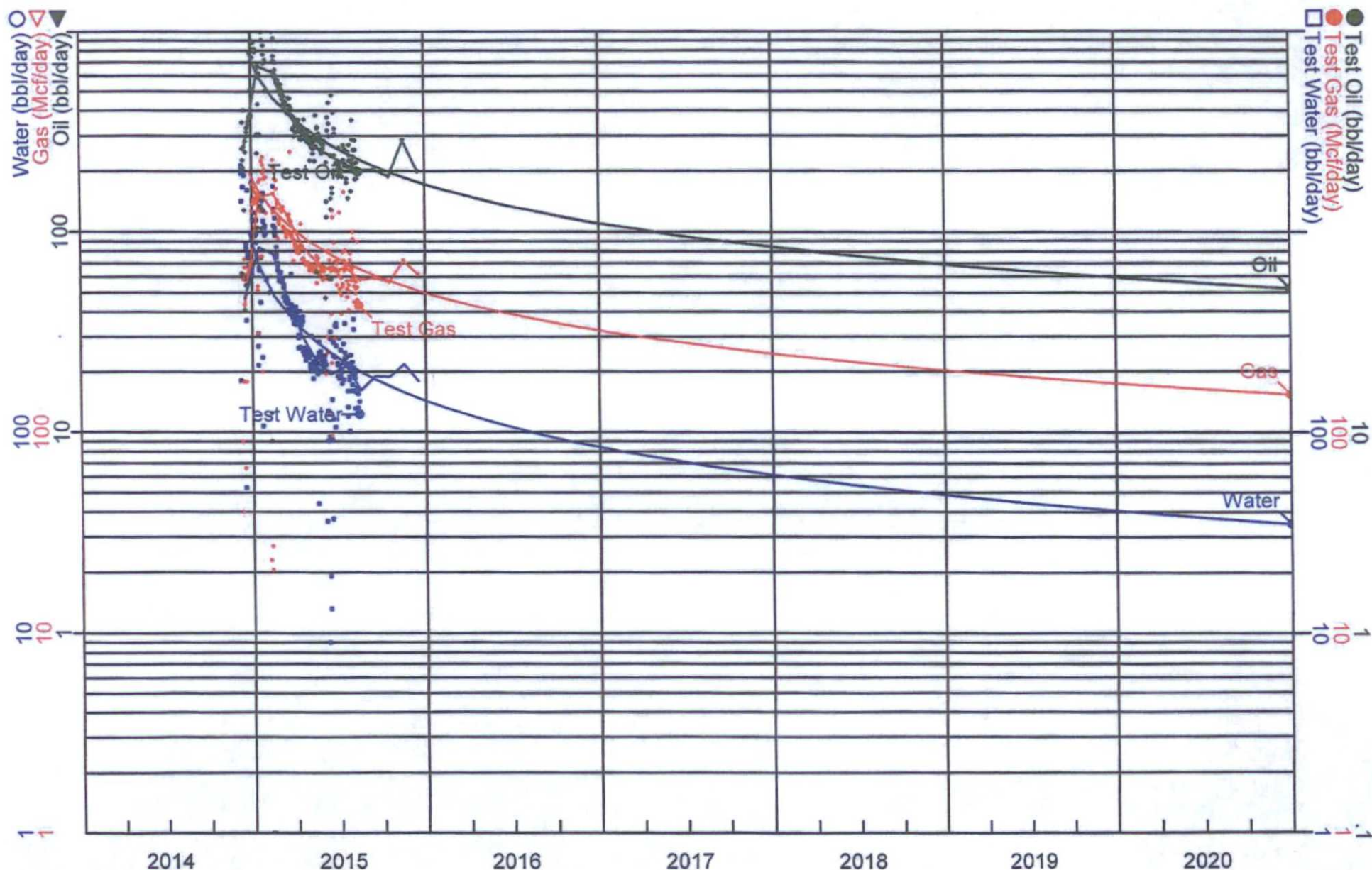
Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2014	52.81	3.09	0.46	332.43	8.82	14.70	355.95
2015	43.89	2.37	0.41	4,090.28	161.74	314.63	4,566.65
2016	30.80	1.94	0.34	1,414.24	71.17	136.37	1,621.79
2017	37.47	2.33	0.36	1,210.40	60.48	103.42	1,374.30
2018	40.17	2.39	0.38	1,029.69	49.44	86.11	1,165.24
2019	41.93	2.44	0.39	903.33	42.38	76.06	1,021.77
2020	43.25	2.51	0.39	812.36	38.11	66.39	916.86
2021	44.20	2.61	0.39	736.78	35.23	58.95	830.96
2022	44.90	2.73	0.39	677.09	33.29	53.36	763.74
2023	45.57	2.84	0.39	628.01	31.71	48.77	708.49
Rem	46.26	3.39	0.39	6,268.91	372.20	528.39	7,169.50
Total	42.62	2.71	0.39	18,103.51	904.57	1,487.15	20,495.24

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\$)
2014	7.05	5.17	8,307.50	15.57	-7,979.33	-7,979.33	-7,987.89	-7,987.89
2015	302.84	228.33	250.00	477.12	3,308.35	-4,670.98	3,161.85	-4,826.04
2016	105.92	81.09	0.00	240.09	1,194.69	-3,476.29	1,079.75	-3,746.29
2017	90.62	68.71	0.00	222.49	992.48	-2,483.82	854.47	-2,891.82
2018	76.93	58.26	0.00	214.36	815.69	-1,668.13	668.75	-2,223.07
2019	67.41	51.09	0.00	209.56	693.71	-974.42	541.63	-1,681.44
2020	60.62	45.84	0.00	206.41	603.98	-370.44	449.08	-1,232.36
2021	55.03	41.55	0.00	204.07	530.31	159.87	375.48	-856.88
2022	50.65	38.19	0.00	202.33	472.57	632.44	318.66	-538.22
2023	47.04	35.42	0.00	200.97	425.05	1,057.49	272.97	-265.25
Rem	474.02	358.47	0.00	5,300.47	1,036.53	1,036.53	888.68	888.68
Total	1,338.14	1,012.13	8,557.50	7,493.45	2,094.02	2,094.02	623.43	623.43

Major Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)	
Perfs :	0 0	Revenue Int :	0.92500000		
Initial Rate :	11,225.00 Mcf/month	Disc. Initial Invest. (m\$) :	8,542.978	5.00% :	623.43
Abandonment :	304.17 Mcf/month	Internal ROR (%) :	7.20	9.00% :	-458.73
Initial Decline :	98.50 % year b = 1.400	ROI Investment (disc/undisc) :	1.07 / 1.24	10.00% :	-694.52
Bea Ratio :	0.61 bbl/Mcf	Years to Payout :	7.27	12.00% :	-1,125.91
End Ratio :	0.34 bbl/Mcf	Abandonment Date :	06/26/2051	15.00% :	-1,683.20
Forecast Start :	12/01/2014			20.00% :	-2,421.97
		Initial	1st Rev.	30.00% :	-3,437.75
		Working Interest :	1.00000000	40.00% :	-4,105.26
		Revenue Interest :	0.92500000	50.00% :	-4,582.34
		Rev. Date :		60.00% :	-4,943.71

1004510/PLU CVX JV RR/010H/2ND
Oper: BOPCO
Major Phase: Gas

Field: CORRAL CANYON; BONE SPRING
EDDY, NM
ECL Date: 06/26/2051



Proj Gas Cum: 0.00 MMcf
Gas Rem: 1,311.35 MMcf
Gas EUR: 1,311.35 MMcf

Proj Oil Cum: 0.00 Mbbl
Oil Rem: 459.16 Mbbl
Oil EUR: 459.16 Mbbl

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM71016X	
2. Name of Operator BOPCO LP		8. Lease Name and Well No. POKER LAKE UNIT CVX JV RR 010H	
3. Address P O BOX 2760 MIDLAND, TX 79702		9. API Well No. 30-015-42158	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 290FSL 675FEL At top prod interval reported below Sec 20 T25S R30E Mer NMP NENE 248FNL 703FEL At total depth SENE 2374FNL 348FEL		10. Field and Pool, or Exploratory CORRAL CANYON; BONE SPRING	
14. Date Spudded 07/16/2014		15. Date T.D. Reached 08/08/2014	
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/09/2014		17. Elevations (DF, KB, RT, GL)* 3232 GL	
18. Total Depth: MD 17992 TVD 10152		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCBL/GR/CCL	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0		1160		1275	353	0	
12.250	9.625 J55	40.0		3723		1305	414	0	
7.875	5.500 HCP110	17.0		17984	5025	2954	557	3914	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10036	17992	10494 TO 17965	0.430	504	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

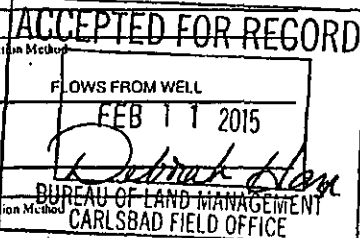
Depth Interval	Amount and Type of Material
10494 TO 17992	FRAC DOWN CSG USING TOTAL 208,292 BBLS FLUID, 5,652,121# PROPANT ACROSS 21 STAGES

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
12/09/2014	01/07/2014	24	→	880.0	1570.0	959.0			
Choke Size	Tbg. Press. Pwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				1784	POW	

28a. 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. Pwg. 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 reverse side)

ELECTRONIC SUBMISSION #287400 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **
NMOCD

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	Thg. 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	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of 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
BELL CANYON	3780	4652	SANDSTONE, SILTSTONE, SHALES	RUSTLER	853
CHERRY CANYON	4652	5894	SANDSTONE, SILTSTONE, SHALES	SALADO/T. SALT	1104
BRUSHY CANYON	5894	7300	SANDSTONE, SILTSTONE, SHALES	B. SALT	3772
1. BRUSHY CANYON	7300	7562	SANDSTONE, SILTSTONE, SHALES	BELL CANYON	3780
BONE SPRING	7562	8497	LIMESTONE, SILTSTONE, SHALES	CHERRY CANYON	4652
1ST BONE SPR SND	8497	9330	LIMESTONE, SILTSTONE, SHALES	BRUSHY CANYON	5894
2ND BONE SPR SND	9330	10036	LIMESTONE, SILTSTONE, SHALES	1ST BONE SPRING SND	8497
				2ND BONE SPRING SND	9330

32. Additional remarks (include plugging procedure):

****CONFIDENTIAL COMPLETION****

Did not circ cement off top of DV tool on 5.5" csg.

Drilled 8.75" hole 3723'-10870'. Drilled 7.875" hole to TD

Well currently flowing up casing.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #287400 Verified by the BLM Well Information System.

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 02/03/2015 ()

Name (please print) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/08/2015

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

DISTRICT I
1025 N. French Dr., Hobbs, NM 88240
Phone (505) 845-4101 Fax (505) 845-4700

DISTRICT II
811 B. Yipee Dr., Arapahoe, NM 88210
Phone (505) 424-1225 Fax (505) 424-0170

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410
Phone (505) 334-0170 Fax (505) 334-0170

DISTRICT IV
1025 N. French Dr., Santa Fe, NM 87505
Phone (505) 470-0400 Fax (505) 470-0148

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT
As drilled
Pool correction

API Number 30-015-42158	Pool Code 13354	Pool Name Corral Canyon; Bone Spring, S
Property Code 313372	Property Name Poker Lake Unit CVX JV RR	Well Number 010H
QDRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3232'

Surface Location

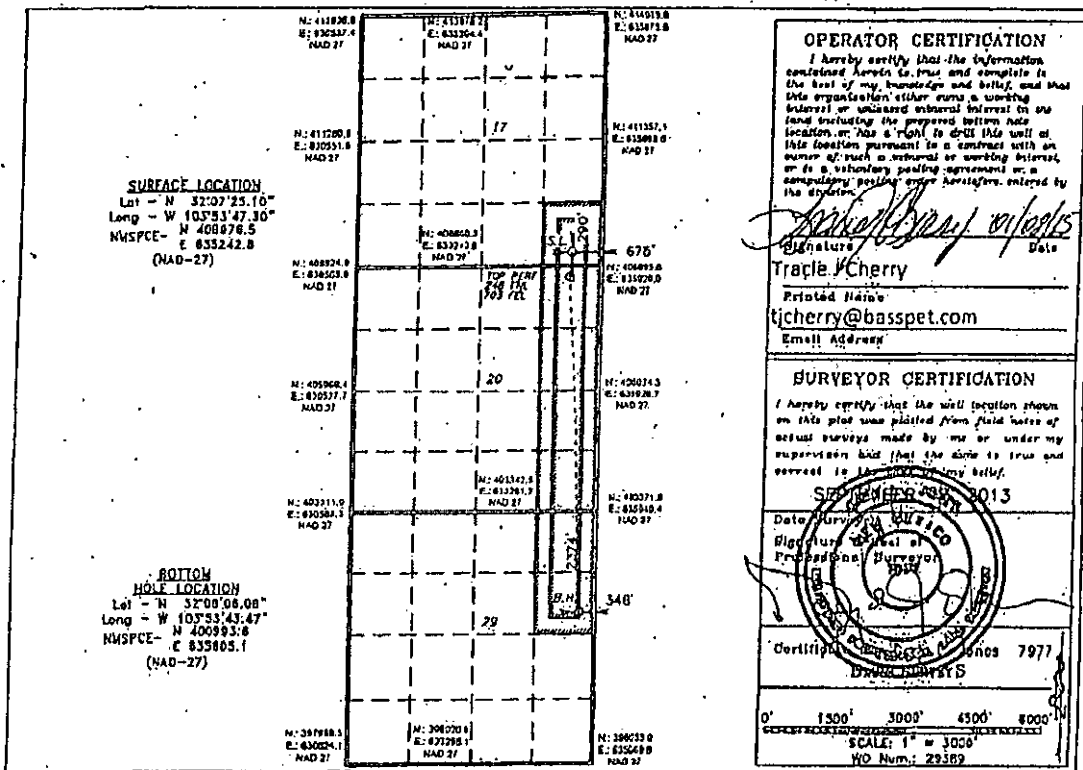
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	25 S	30 E		290	SOUTH	675	EAST	EDDY

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
H	29	25 S	30 E		2374	NORTH	348	EAST	EDDY

Dedicated Acreage	Depth or Intell	Consolidation Code	Order No.
280			

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





Downhole Profile - Vertical Wells

BOPCO, L.P. - West Texas

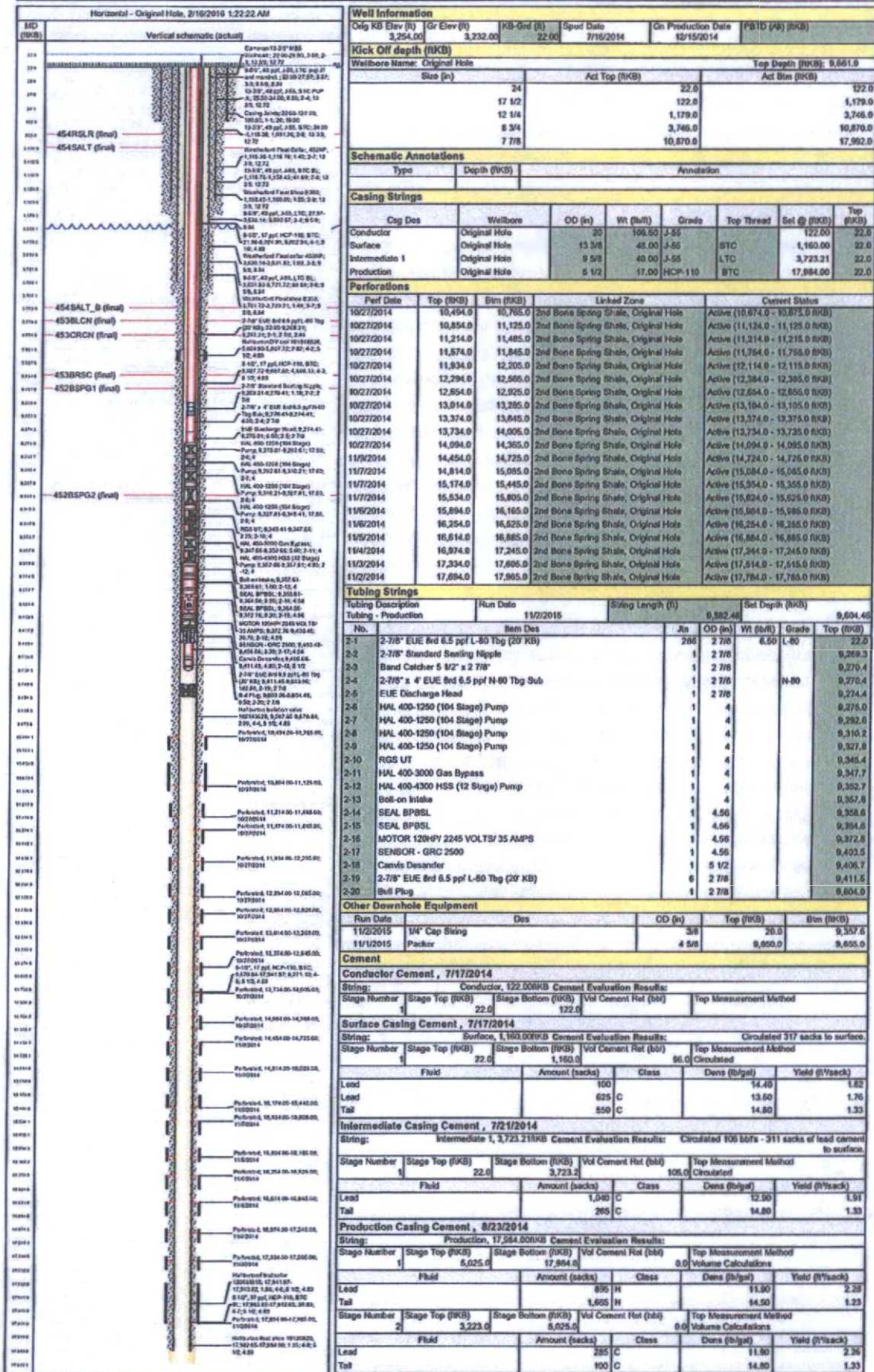
Well Name: POKER LAKE UNIT CVX JV RR #010H (20-25-30)

Well ID: 30-015-42158

Field: Undesignated (Bone Spring)

Sect: 17 Town: 25S Rng: 30E County: Eddy State: New Mexico

Surface Location: 290' FSL & 675' FEL, Sec 17 T25S-R30E





Schematic - Vertical Production

BOPCO, L.P. - West Texas

Well Name: POKER LAKE UNIT CVX JV RR #010H (20-25-30)

Well ID: 30-015-42158

Field: Undesignated (Bone Spring)

Sect: 17 Town: 25S Rng: 30E Eddy Co., State: New Mexico

Blk: Survey:

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Workover/Maintenance	Sub Pump		10/26/2015	11/4/2015

