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

May 6, 2016

RECEIVED OCD
2016 MAY 11 A 9:07

FEDERAL EXPRESS

API No. 30-015-42393

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 #028H (23-24-30)
Bone Spring 2A Sand
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 Sand. Should you be in agreement that the Bone Spring 2A Sand in 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: _____

ECONOMIC PROJECTION

Date : 4/26/2016 Lior: 1004632 12:40:17PM

Project Name : 7-1-2015 NSAI Review For BOPCO, LP
Partner : All cases
Case Type : LEASE CASE
Archive Set : BOPCO 1/2016
Cum Oil (Mbbl) : 0.00
Cum Gas (MMcf) : 0.00

As Of Date : 06/01/2014
Discount Rate (%) : 5.00

1004632/PLU CVX JV BS/028H/2ND

Lease Name : 1004632/PLU CVX JV BS/028H/2ND
Reserv Cat. : Proved Producing
Field : WILDCAT G-06 S243026M;BONE SPRI
Operator : BOPCO
Reservoir : BONE SPRING 2A SAND
Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production Oil (Mbbl)	Gross Wet Production Wet Gas (MMcf)	Gross Dry Gas & NGL Dry Gas (MMcf)	Gross Dry Gas & NGL NGL (Mgal)	Sales Oil (Mbbl)	Sales Gas (MMcf)	Sales NGL (Mgal)
2014	13.961	27.534	12.503	84.805	12.728	11.399	77.314
2015	26.292	61.913	28.115	190.692	23.970	25.631	173.848
2016	14.248	24.435	11.096	75.259	12.990	10.116	68.611
2017	9.900	17.910	8.133	55.163	9.026	7.415	50.291
2018	7.613	13.791	6.262	42.476	6.941	5.709	38.724
2019	6.227	11.289	5.126	34.770	5.677	4.673	31.699
2020	5.305	9.621	4.369	29.633	4.836	3.983	27.016
2021	4.612	8.368	3.800	25.773	4.205	3.464	23.496
2022	4.098	7.436	3.377	22.904	3.736	3.079	20.881
2023	3.693	6.703	3.044	20.645	3.366	2.775	18.821
Rem	16.967	30.801	13.987	94.868	15.468	12.751	86.488
Total	112.916	219.801	99.812	676.987	102.941	90.995	617.187
Ult.	112.916	219.801					

Year	Average Price Oil ($/bbl)	Average Price Gas ($/Mcf)	Average Price NGL ($/gal)	Net Revenue Oil (M$)	Net Revenue Gas (M$)	Net Revenue NGL (M$)	Net Revenue Total (M$)
2014	74.70	3.12	0.71	950.76	35.57	54.97	1,041.30
2015	43.00	2.16	0.42	1,030.69	55.37	72.87	1,158.93
2016	36.82	1.87	0.40	478.27	18.88	27.44	524.59
2017	42.54	2.39	0.44	384.00	17.69	21.95	423.64
2018	43.85	2.39	0.45	304.38	13.67	17.27	335.32
2019	44.95	2.41	0.45	255.18	11.27	14.32	280.77
2020	45.99	2.48	0.45	222.42	9.88	12.28	244.58
2021	46.83	2.58	0.46	196.89	8.94	10.88	216.71
2022	47.40	2.70	0.46	177.08	8.32	9.67	195.07
2023	47.92	2.83	0.46	161.33	7.86	8.72	177.90
Rem	48.48	3.25	0.46	749.91	41.39	40.06	831.37
Total	47.71	2.51	0.47	4,910.89	228.84	290.44	5,430.17

Year	Expenditures Total Sev Taxes (M$)	Expenditures Total Adv Taxes (M$)	Expenditures Net Investments (M$)	Expenditures Total Net Opcosts (M$)	Future Net Revenue Annual (M$)	Future Net Revenue Cumulative (M$)	Future Net Revenue Disc. Ann. CF 5.00 % (M$)	Future Net Revenue Cum. Disc. CF 5.00 % (M$)
2014	57.22	2.53	8,386.81	87.63	-7,492.89	-7,492.89	-7,508.85	-7,508.85
2015	77.47	3.48	0.00	247.02	830.96	-6,661.93	792.23	-6,716.63
2016	35.41	1.57	0.00	226.65	260.96	-6,400.97	235.60	-6,481.02
2017	28.63	1.27	0.00	217.60	176.14	-6,224.83	151.85	-6,329.17
2018	22.67	1.01	0.00	213.19	98.45	-6,126.38	80.84	-6,248.33
2019	18.99	0.84	0.00	210.48	50.46	-6,075.91	39.48	-6,208.84
2020	16.55	0.73	0.00	208.64	18.64	-6,057.27	13.93	-6,194.91
2021	14.67	0.65	0.00	207.24	-5.86	-6,063.13	-4.10	-6,199.01
2022	13.22	0.59	0.00	206.20	-24.93	-6,088.05	-16.77	-6,215.78
2023	12.06	0.53	0.00	205.36	-40.05	-6,128.11	-25.69	-6,241.47
Rem	56.46	2.49	0.00	1,278.63	-506.21	-506.21	-267.60	-267.60
Total	353.34	15.70	8,386.81	3,308.64	-6,634.32	-6,634.32	-6,509.07	-6,509.07

Maior Phase : Gas
Perfs : 0 0
Initial Rate : 7,024.00 Mcf/month
Abandonment : 304.17 Mcf/month
Initial Decline : 99.81 % year b = 1.150
Bee Ratio : 0.35 bbl/Mcf
End Ratio : 0.55 bbl/Mcf
Forecast Start : 09/01/2014

Working Int : 1.00000000
Revenue Int : 0.91166666
Disc. Initial Invest. (m$) : 8,386.811
Internal ROR (%) : >1000.0
ROInvestment (disc/undisc) : 0.22 / 0.21
Years to Payout : 0.00
Abandonment Date : 04/18/2030

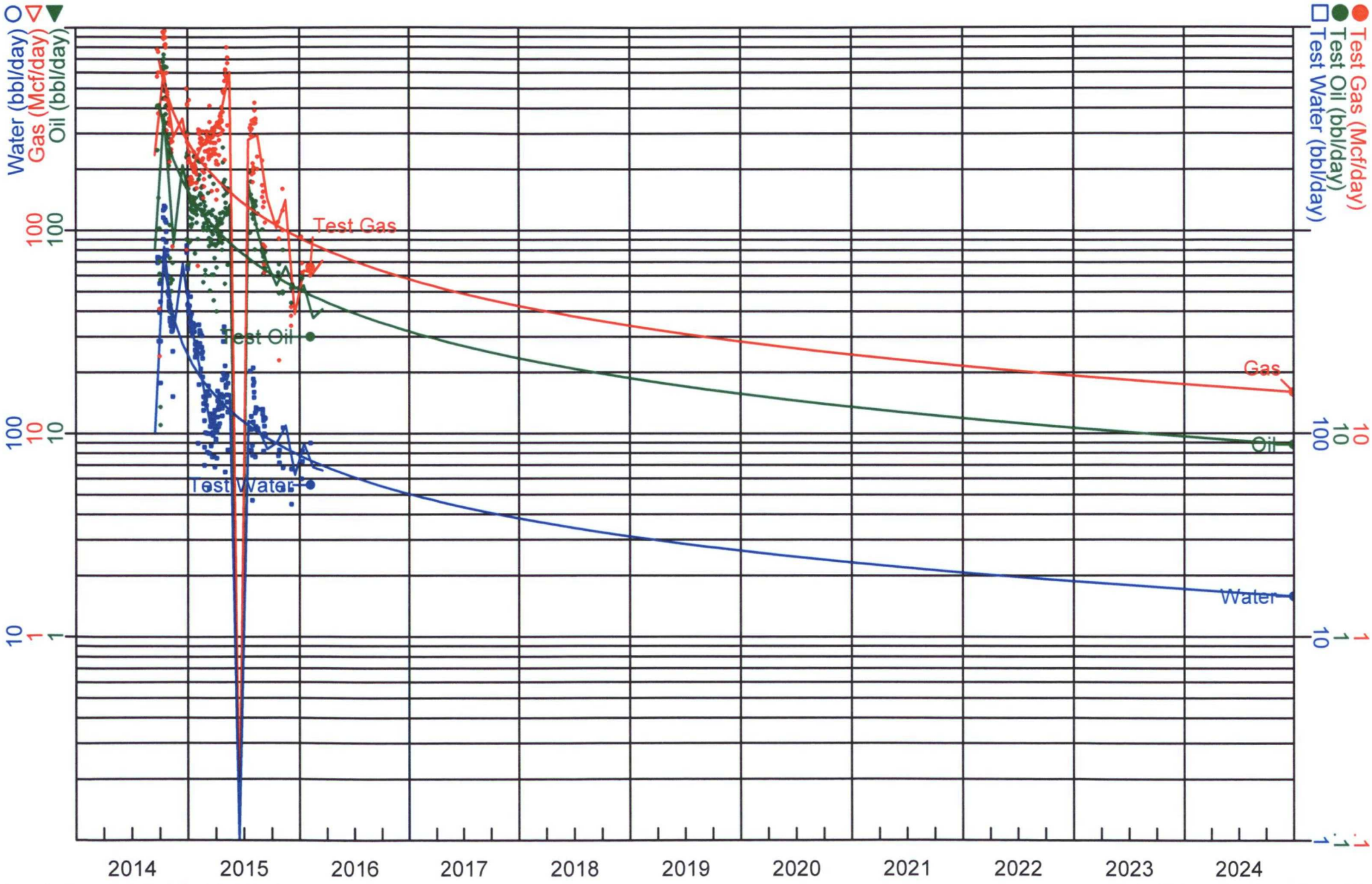
	Initial	1st Rev.	2nd Rev.
Working Interest :	1.00000000	0.00000000	0.00000000
Revenue Interest :	0.91166666	0.00000000	0.00000000
Rev. Date :			

Present Worth Profile (M$)

5.00% :	-6,509.07
9.00% :	-6,488.99
10.00% :	-6,490.24
12.00% :	-6,497.77
15.00% :	-6,518.09
20.00% :	-6,565.39
30.00% :	-6,674.49
40.00% :	-6,778.08
50.00% :	-6,868.99
60.00% :	-6,947.55

1004632/PLU CVX JV BS/026H/2ND
Oper: BOPCO
Major Phase: Gas

Field: WILDCAT G-06 S243026M;BONE SPRING
EDDY,NM
ECL Date: 04/18/2030



Proj Gas Cum: 25.40 MMcf
Gas Rem: 194.40 MMcf
Gas EUR: 219.80 MMcf

Proj Oil Cum: 12.70 Mbbl
Oil Rem: 100.21 Mbbl
Oil EUR: 112.92 Mbbl

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL PLU CVX JV BIG SINKS #028H (23-24-30) FORMATION BONE SPRING

LOCATION _____ UNIT, 590 FEET FROM NORTH LINE & 1060 FEET FROM EAST LINE

SECTION 23 TOWNSHIP 24S, RANGE 30E, COUNTY Eddy, NEW MEXICO

SPUD DATE 6/13/2014 COMPLETION DATE 8/1/2014 INITIAL PRODUCTION 8/14/2014

PERFORATIONS 10111-16407

BHL: 2293' FNL & 587' FEL SEC 26 T24S R30E

STIMULATION:

ACID _____

FRACTURE See Attached

POTENTIAL (9/27/2014): 409 BOPD, 600 MCFPD, 728 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	160			
Porosity (Φ), %	8.0%			
Water saturation (Sw), %	48%			
Net Thickness (H), ft.	167.33			
Temperature (T), Fahrenheit	151			
Bottom Hole pressure (P), psia	4,894			
Recovery factor (RF), %	12%			
Recoverable oil, MBO *(See eq. below)	551.5			

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

Formula = ((7758 rb/ac-ft) (por) (1-Sw)/(Boi rbo/stb)(RF)(A) (h))/1000 bo/Mbo Boi = 1.88 rb/stb

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO 3/31/2016 44,263 BBL Oil 95,400 MCF Gas

INITIAL RATE (qi) 419 BOPD

ECONOMIC LIMIT (ql) 5.5 BOPD

HYPERBOLIC DECLINE RATE, dy n =1.15, d = 99%/yr

REMAINING MBO (Q) = 69

ULTIMATE RECOVERABLE MBO 113

(Attach plat showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST $3,354,811 (to the depth of formation completed)

COMPLETION COST $5,032,216

GROSS TOTAL COST $8,387,027

YEAR	GROSS OIL MBO	BFIT NET INCOME ($M)	OPERATING COST ($M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	13.961	1041.3	147.4	-7508.9
2	26.292	1158.9	328.0	792.2
3	14.248	524.6	263.6	235.6
4	9.900	423.6	247.5	151.9
5	7.613	335.3	236.9	80.8
6	6.227	280.8	230.3	39.5
7	5.305	244.6	225.9	13.9
8	4.612	216.7	222.6	-4.1
9	4.098	195.1	220.0	-16.8
10	3.693	177.9	218.0	-25.7
REMAINDER	16.967	831.4	1337.6	-267.6
TOTAL	**112.916**	**5430.2**	**3677.7**	**-6509.1**

WELL IS NOT COMMERCIAL

NM OIL CONSERVATION
OCD Artesia
ARTESIA DISTRICT

DEC 01 2014

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM02862

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. 891000303X

2. Name of Operator BOPCO LP
Contact: TRACIE J CHERRY
E-Mail: tjcherry@basspet.com

8. Lease Name and Well No. POKER LAKE UNIT CVX JV BS 028H

3. Address P O BOX 2760 MIDLAND, TX 79702
3a. Phone No. (include area code) Ph: 432-221-7379

9. API Well No. 30-015-42393-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 0590FNL 1060FEL 32.208892 N Lat, 103.845917 W Lon Sec 23 T24S R30E Mer NMP
At top prod interval reported below Sec 26 T24S R30E Mer NMP
At total depth SWNW 2293FNL 587FEL 32.189672 N Lat, 103.844000 W Lon

10. Field and Pool, or Exploratory WC G 065243026M

11. Sec., T., R., M., or Block and Survey or Area Sec 23 T24S R30E Mer NMP

12. County or Parish EDDY
13. State NM

14. Date Spudded 06/12/2014
15. Date T.D. Reached 08/07/2014
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/12/2014
17. Elevations (DF, KB, RT, GL)* 3433 GL

18. Total Depth: MD 16451 TVD 9858
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 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	845		700		0	
12.250	9.625 J-55	40.0	0	4088		1150		0	
8.750	7.000 HCP-110	26.0	0	9986	5006	1457		4056	
6.125	4.500 HCP-110	11.6	9913	16606					

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	9247							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	2ND BONE SPRING	9600	16451	10111 TO 16407	0.430	132	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
1011 TO 16451	FRAC DOWN CSG USING TOTAL 52393 BBLS FLUID, 3841931# PROPANT ACROSS 11 STAGES

Accepted for record
NMOCD

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
09/19/2014	09/27/2014	24	→	409.0	600.0	728.0			ELECTRIC PUMP SUB-SURFACE

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
26/64	309 / 0		→	409	600	728	1467	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. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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

ELECTRONIC SUBMISSION #272131 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD
NOV 15 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

NO IR AT This Time.

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

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

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones 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	SAMDSTONE	SALADO	862
BRUSHY CANYON	6313	7964	SANDSTONE	BASE OF SALT	3860
BONE SPRING	7964		SANDSSTONE, LIMESTONE	BELL CANYON	4102
				CHERRY CANYON	5008
				BRUSHY CANYON	6313

32. Additional remarks (include plugging procedure):

****CONFIDENTIAL COMPLETION****

ESP and tbg run 10/10/2014 after test.

Cement did not circulate to DV tool. TOC by CBL 7730. Cmt did not circulate 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 #272131 Verified by the BLM Well Information System.
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by JAMES AMOS on 11/15/2014 (15JA0093SE)

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 fradulent statements or representations as to any matter within its jurisdiction.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 23 2014

RECEIVED

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

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

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

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

State of New Mexico
Energy, Minerals 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 to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

X AMENDED REPORT "As Drilled"

API Number	Pool Code	Pool Name
30-015-42393	97798	WC, G-065243026M; BONE SPRING

Property Code	Property Name	Well Number
313213	POKER LAKE UNIT CVX JV BS	028H

OGRID No.	Operator Name	Elevation
260737	BOPCO, L.P.	3433'

Surface Location

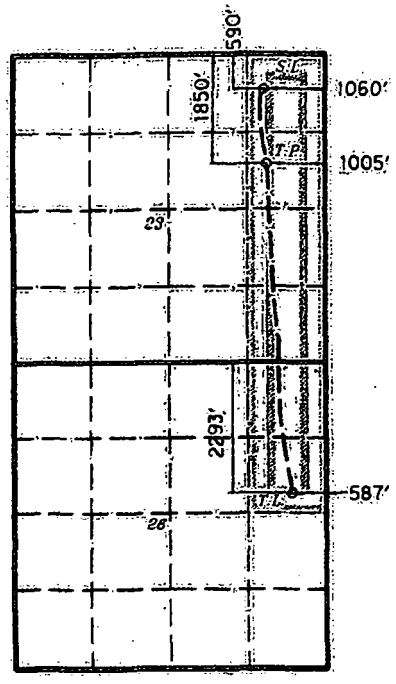
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	24 S	30 E		590	NORTH	1060	EAST	EDDY

Bottom Hole 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	26	24 S	30 E		2293	NORTH	587	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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
Lat. = N. 32°12'32.01"
Long. = W. 103°50'45.30"
NMSPCE- N. 440055.6
E. 650753.7
(NAD-27)

SCALE 1"=3000'

TOP PERFORATION
Lat. = N. 32°12'19.56"
Long. = W. 103°50'44.72"
NMSPCE- N 438798.3
E 650809.5
Depth = 10711'
(NAD-27)

TERMINUS LOCATION
Lat. = N. 32°11'22.99"
Long. = W. 103°50'39.92"
NMSPCE- N 433084.2
E 651247.6
Depth = 16451'
(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 unleased mineral interest in the land including the proposed bottom hole 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 10/24/14 Date

Tracie J. Cherry
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.

OCTOBER 7, 2014
Date Surveyed

Signature & Seal of Professional Surveyor

TIM C. PAPPAS NEW MEXICO 21209 REGISTERED PROFESSIONAL SURVEYOR

Certificate No.

HALFF ASSOCIATES, INC. 29714-W018

10 OCT 2014

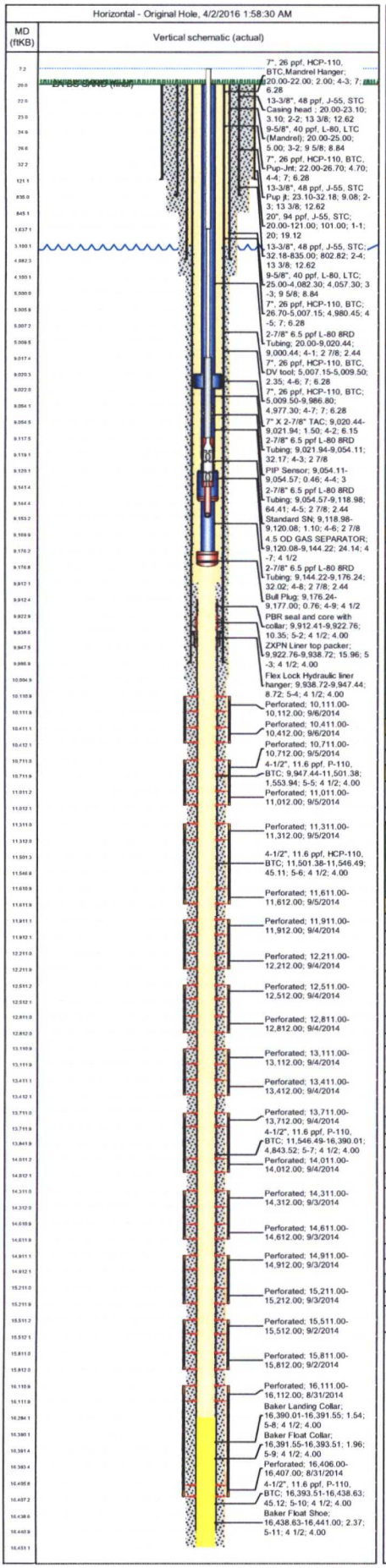
Downhole Profile - Vertical Wells

BOPCO, L.P. - West Texas

Well Name: POKER LAKE UNIT CVX JV BS #028H (23-24-30) — **Well ID: 30-015-42393**

Field: — Sect: 23 Town: 24S Rng: 30E County: Eddy State: New Mexico

Surface Location: 590' FNL & 1060 FEL, Sec 23, T24S-R30E



Well Information

Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	On Production Date	PBTD (All) (mKB)
3,453.00	3,433.00	20.00	6/12/2014	10/11/2014	

Kick Off depth (ftKB)

Wellbore Name: Original Hole — **Top Depth (ftKB):** 9,170.0

Size (in)	Act Top (ftKB)	Act Btm (ftKB)
20	20.0	121.0
17 1/2	121.0	845.0
12 1/4	845.0	4,100.0
8 3/4	4,100.0	10,005.0
7 7/8	10,005.0	16,451.0

Schematic Annotations

Type	Depth (ftKB)	Annotation

Casing Strings

Csg Des	Wellbore	OD (in)	Wt (lb/ft)	Grade	Top Thread	Set @ (ftKB)	Top (ftKB)
Conductor	Original Hole	20	94.00	J-55		121.00	20.0
Surface	Original Hole	13 3/8	48.00	J-55	ST&C	835.00	20.0
Intermediate 1	Original Hole	9 5/8	40.00	L-80	LT&C	4,082.30	20.0
Production	Original Hole	7	26.00	HCP-110	BT&C	9,986.80	20.0
Liner	Original Hole	4 1/2	11.60	P-110	BT&C	16,441.00	9,912.4

Perforations

Perf Date	Top (ftKB)	Btm (ftKB)	Linked Zone	Current Status
9/2/2014	10,211.0	10,412.0	2nd Bone Spring Sand, Original Hole	Active (10,111.0 - 10,112.0 ftKB)
9/2/2014	10,711.0	11,012.0	2nd Bone Spring Sand, Original Hole	Active (10,711.0 - 10,712.0 ftKB)
9/2/2014	11,311.0	11,612.0	2nd Bone Spring Sand, Original Hole	Active (11,611.0 - 11,612.0 ftKB)
9/2/2014	11,911.0	12,212.0	2nd Bone Spring Sand, Original Hole	Active (12,211.0 - 12,212.0 ftKB)
9/2/2014	12,511.0	12,812.0	2nd Bone Spring Sand, Original Hole	Active (12,811.0 - 12,812.0 ftKB)
9/2/2014	13,111.0	13,412.0	2nd Bone Spring Sand, Original Hole	Active (13,111.0 - 13,112.0 ftKB)
9/2/2014	13,711.0	14,012.0	2nd Bone Spring Sand, Original Hole	Active (13,711.0 - 13,712.0 ftKB)
9/2/2014	14,311.0	14,612.0	2nd Bone Spring Sand, Original Hole	Active (14,311.0 - 14,312.0 ftKB)
9/2/2014	14,911.0	15,212.0	2nd Bone Spring Sand, Original Hole	Active (14,911.0 - 14,912.0 ftKB)
9/2/2014	15,511.0	15,812.0	2nd Bone Spring Sand, Original Hole	Active (15,511.0 - 15,512.0 ftKB)
9/2/2014	16,111.0	16,407.0	2nd Bone Spring Sand, Original Hole	Active (16,111.0 - 16,112.0 ftKB)

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	7/13/2015	9,157.00	9,177.00

No.	Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Top (ftKB)
4-1	2-7/8" 6.5 ppf L-80 8RD Tubing	279	2 7/8	6.50	L-80	20.0
4-2	7" X 2-7/8" TAC	1	6.151			9,020.4
4-3	2-7/8" 6.5 ppf L-80 8RD Tubing	1	2 7/8			9,021.9
4-4	PIP Sensor	1	3			9,054.1
4-5	2-7/8" 6.5 ppf L-80 8RD Tubing	2	2 7/8	6.50	L-80	9,054.6
4-6	Standard SN	1	2 7/8			9,119.0
4-7	4.5 OD GAS SEPARATOR	1	4 1/2			9,120.1
4-8	2-7/8" 6.5 ppf L-80 8RD Tubing	1	2 7/8	6.50	L-80	9,144.2
4-9	Bull Plug	1	4 1/2			9,176.2

Other Downhole Equipment

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
12/20/2014	Fill Not CO	4	16,284.0	16,451.0

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
ROD	7/15/2015	9,146.00	9,153.30

Item #	Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Top (ftKB)
1-1	15/16" Co Rod	1	15/16	2.35	D	7.3
1-2	7/8" Co Rod	1	7/8	2.04	D	1,637.3
1-3	1-1/2" API C Sucker Rod Sinker Bar	4	1 1/2	6.01		9,017.3
1-4	2-1/2" X 1-3/4" X 24' RHBM-HVR-TS	1	2.4			9,117.3
1-5	1-1/4" X 12' DIP TUBE	1	1 1/4			9,141.3

Cement

Surface Casing Cement , 6/13/2014

String: Surface, 835.00ftKB — **Cement Evaluation Results:**

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	20.0	835.0	62.0	Volume Calculations

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack)
Lead	400	C	13.50	1.76
Tail	300	C	14.80	1.33

Intermediate Casing Cement , 6/24/2014

String: Intermediate 1, 4,082.30ftKB — **Cement Evaluation Results:**

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	20.0	4,100.0	70.0	Circulated

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack)
Lead	1,000	C	12.90	1.91
Tail	150	C	14.80	1.32

Production Casing Cement , 7/14/2014

String: Production, 9,986.80ftKB — **Cement Evaluation Results:**

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	5,000.0	10,005.0	0.0	Volume Calculations

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack)
Lead	963	C	12.60	1.62
Tail	230	C	13.00	1.48

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
2	3,100.0	5,000.0	0.0	Volume Calculations

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack)
Lead	264	c	12.60	1.62

Liner Cement , 8/8/2014

String: Liner, 16,441.00ftKB — **Cement Evaluation Results:**

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	9,912.0	16,451.0	14.0	Circulated