



3001536024

XTO Energy Inc.
810 Houston Street
Fort Worth, TX 76102-6298
(817) 870-2800
(817) 885-6616 Fax

RECEIVED OGD

July 31, 2017

2017 AUG -4 A 9:04

FEDERAL EXPRESS

Bureau of Land Management
Carlsbad District Office
620 E. Green St.
Carlsbad, New Mexico 88220
Attn: Ms. Deborah Ham

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Anchor Holm

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Mr. William Jones

Re: Commercial Determination
Poker Lake Unit No. 290: Bone Spring Zone
Bone Spring Formation
Eddy County, New Mexico

Ladies & Gentlemen:

Please find attached hereto one (1) copy of XTO's (as agent and attorney in fact for BOPCO, LP) commercial determination worksheets and exhibits which indicate that the subject well is a non-commercial well in the Bone Spring Formation. Please indicate your concurrence to the above Commercial Determination to the undersigned at the address above.

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 at the number or email address below.

Very truly yours,

Law Armstrong
(817) 885-2453
Allen_armstrong@xtoenergy.com

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____



Date: July 28, 2017

To: Law Armstrong

From: Trent Boneau

Re: **Commercial Determination: POKER LAKE UNIT 290 : Bone Spring Zone**
API 3001536024
T24S R30E Sec 19
Eddy County, New Mexico

Attached is the economic worksheet and well forecast to be submitted for commercial determination. The Poker Lake 290 was drilled in 2008 as a vertical producer to a measured depth of 9440'. The well is producing from perforations from 6990' to 9239' in the Delaware and Bone Spring formations. By mid-year 2017 the well has produced 25 kBO from the Bone Spring, and as of May 18, 2017 it was testing 8 bopd, 10 kcf/d, and 71 bwpd on rod pump. This well is expected to recover approximately 40 kBOE from the Bone Spring completion.

Historical prices along with the most recent EIA future pricing estimates for oil and natural gas were utilized in the economic evaluation. Product prices were adjusted downward by approximately 12% to account for local conditions. Operating costs were assumed to be \$10k/mo, declining to \$5k/mo plus a fixed \$0.75/bw cost for water disposal. At a CAPEX share of \$1210k, the Bone Spring well has an undiscounted PV of *negative* \$445K. The Poker Lake 290 is a **non-commercial** well in the Bone Spring with limited remaining economic life.

Trent Boneau
Reservoir Engineering Advisor
Delaware Basin Subsurface Team

**WORKSHEET FOR COMMERCIAL DETERMINATION FOR
FEDERAL UNITS**

BONE SPRING

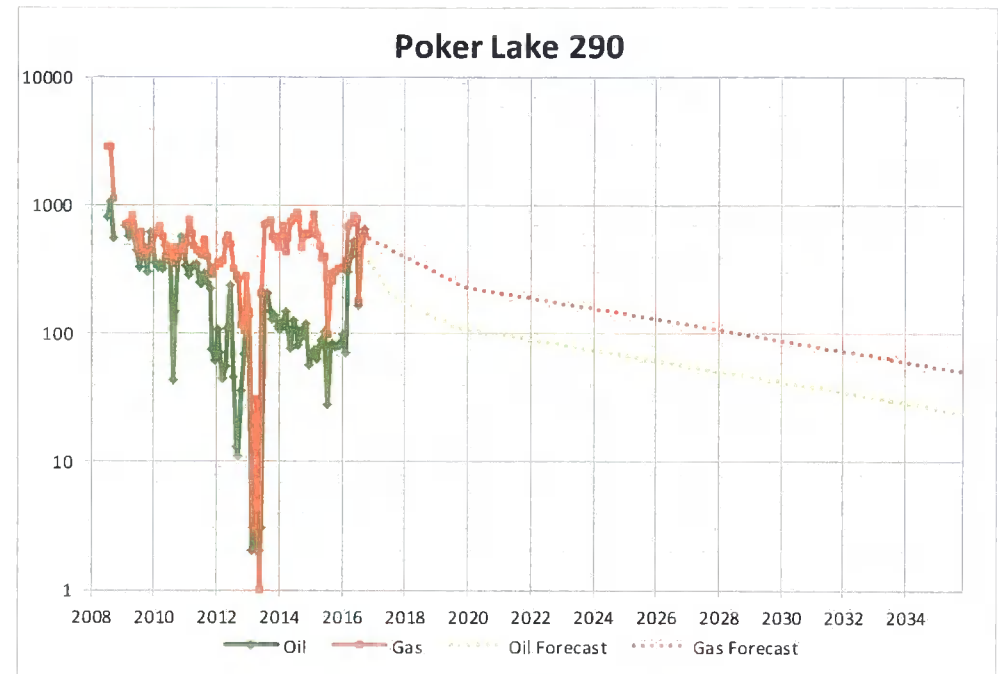
Well Name: Poker Lake 290
API Number: 3001536024
Formation: Bone Spring
Actual CAPEX, \$K: 1210.3795
First Production Date: 9/1/2008
First Forecast Date: 1/1/2017
Cum Oil to Date (kbo): 24.552
Cum Wet Gas to Date (Mcf): 52.144
Water to Date (kbw): 78.351
Assumed Shrink: 0.6
NGL Yield Assumed: 125
WTI Price %: 0.9
HHub Price %: 0.82
NGL Price %: 0.8
Tax Gas: 8.19
Tax Oil: 7.09
WI %: 100
NRI %: 85.79294
OPX/mo Yr 1-3: 10000
OPX/mo Yr 4+: 5000
OPX/water (\$/bbl): 0.75
CAPEX, \$K: 1210.386

NON-COMMERCIAL

TOTAL NCF 0% DISCOUNT: -445 KS
TOTAL NCF 5% DISCOUNT: -552 KS

EUR Oil: 29736 bo
EUR Wet Gas: 64256 kcf

ECONOMICS MODULE



	Date	Oil Volume	Wet Gas Volume	Dry Gas Volume	NGL Volume, gals	Oil Price	Gas Price	NGL Price	Total Gross Revenue	Net Revenue	Total Opcost	Local Taxes	Net Oper. Income	Total Capital	BTax CFlow	Discounted Cash Flow 5%
		BO	kcf	kcf	gal	\$/BO	\$/kcf	\$/gal	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
HISTORICAL	2008	2413	6771	4063	35548	99.57	8.86	0.83	269.4	231	95.8	16.65	119	1210.386	-1092	-1092
HISTORICAL	2009	4433	5447	3268	28597	61.65	3.95	0.52	268.4	230	130.6	17.71	82	0	82	78
HISTORICAL	2010	4398	5786	3472	30377	79.40	4.39	0.66	342.9	294	130.5	22.67	141	0	141	128
HISTORICAL	2011	3922	5754	3452	30209	95.10	4.00	0.80	366.2	314	69.4	24.35	220	0	220	190
HISTORICAL	2012	865	4272	2563	22428	94.10	2.75	0.79	93.2	80	62.1	6.17	12	0	12	10
HISTORICAL	2013	1009	3555	2133	18664	97.90	3.73	0.82	107.7	92	62.4	7.06	23	0	23	18
HISTORICAL	2014	1328	7500	4500	39375	93.30	4.39	0.78	152.3	131	63.2	9.67	58	0	58	43
HISTORICAL	2015	923	5545	3327	29111	49.00	2.63	0.41	57.4	49	62.2	3.67	-17	0	-17	-12
HISTORICAL	2016	3988	6203	3722	32566	43.00	2.52	0.36	171.4	147	69.5	11.36	66	0	66	45
FORECAST	2017	3076	5805	3483	30474	46.07	2.70	0.39	144.7	124	67.4	9.54	47	0	47	30
FORECAST	2018	1926	4353	2612	22855	49.37	2.89	0.41	99.3	85	64.6	6.51	14	0	14	9
FORECAST	2019	1455	3265	1959	17141	52.90	3.10	0.44	80.3	69	63.5	5.26	0	0	0	0
UNECONOMIC	2020	1259	2668	1601	14005	56.68	3.32	0.47	73.9	63	63.0	4.84	-4	0	0	0

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJAN 21 2009
OCD-ARTESIAFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr,
Other TEMP ZONE ABANDON BONE SPRING

2. Name of Operator
BOPCO, L. P.

3. Address
P. O. BOX 2760 Midland TX 79705

3.a Phone No. (Include area code)
(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface UL D, 800' FNL, 990' FWL LAT N32.208028, LONG W103.926306

At top prod. interval reported below SAME

At total depth SAME

14 Date Spudded
12/10/2008

15. Date T D. Reached
12/20/2008

16 Date Completed
☐ D & A ☒ Ready to Prod.
12/20/2008

18 Total Depth: MD 9440'
TVD

19. Plug Back T D.: MD 9345'
TVD

20. Depth Bridge Plug Set MD 8030'
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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
12-1/4"	8-5/8"	32#	0'	684'		500 SXS		0' CIRC	
7-7/8"	5-1/2"	17#	0'	9440'	5026'	770 STG. 1		5026'	
						1800 STG. 2		0' CIRC.	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7382'	6842' TAC						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) DELAWARE	3410	7142'	6990-7000'	0.380	20	PRODUCING
B) AVALON	7240'	8160'	7290-7300'	0.380	20	PRODUCING
C) 1ST & 2ND BONE	8161	9250'	8303-9239'	0.380	40	BENEATH CIBP @ 8030'
D) SPRING						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6990-7000'	FRAC W/107642 GALS PW & 100075#S 14/30 LITEPROP
7290-7300'	SPOT NEW PERFS W/1000 GALS 7.5% HCL. FRAC W/107794 GALS PW & 10005#S 14/30 LITEPROP
8303-9239'	SET CIBP AT 8030' TO TEMP ZONE ABANDON 1ST & 2ND BONE SPRING

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
12/20/08	01/02/09	24	→	64	116	214	41.5		PUMPING
Choke Size	Tbg Press. Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
28/64"	300	160	→				1813	PRODUCING	

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 page 2)

Accepted for record - NMORN

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 or 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
				T/SALT	720'
				B/SALT	3198'
				LAMAR	3410'
				BELL CANYON	3437'
				CHERRY CANYON	4246'
				BRUSHY CANYON	5570'
				LO. BRUSHY CANYON	6905'
				BONE SPRING LIME	7143'
				AVALON SAND	7240'
				FIRST BONE SPRING SAND	8161'
				SECOND BONE SPRING SAND	9118'

32. Additional remarks (include plugging procedure)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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

Name (please print) Ann MooreTitle Sr. Regulatory Clerk

Signature

Ann MooreDate 01/08/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 V. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Ed., Artesia, NM 87410

DISTRICT IV

1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505Form C-102
Revised October 12, 2006Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36024	Pool Code 47545	Pool Name Nash Draw (Delaware, Bone Spring, Avalon Sand)
Property Code 1796	Property Name POKER LAKE UNIT	Well Number 290
OGRIID No. 260737	Operator Name BQPCO, L.P.	Elevation 3150'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	19	24 S	30 E		800	NORTH	990	WEST	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

Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.
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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

	<p>LOT 1 40.12 ACRES</p> <p>LOT 2 40.16 ACRES</p> <p>LOT 3 40.20 ACRES</p> <p>LOT 4 40.24 ACRES</p> <p>80.00 ACRES</p> <p>160.00 ACRES</p> <p>LAT - N32°12'28.9" LONG - W103°55'34.7" (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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 released 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.</p> <p><i>Gary E. Gerhard</i> 10/25/07 Signature Date</p> <p>Gary E. Gerhard Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 05, 2007</p> <p>Date Surveyed L. JONES Signature of Professional Surveyor Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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XTO Energy Inc.
810 Houston Street
Fort Worth, TX 76102-6298
(817) 870-2800
(817) 885-6616 Fax

July 31, 2017

FEDERAL EXPRESS

Bureau of Land Management
Carlsbad District Office
620 E. Green St.
Carlsbad, New Mexico 88220
Attn: Ms. Deborah Ham

New Mexico State Land Office
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310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Anchor Holm

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Mr. William Jones

Re: Commercial Determination
Poker Lake Unit No. 290: Delaware Zone
Delaware Formation
Eddy County, New Mexico

Ladies & Gentlemen:

Please find attached hereto one (1) copy of XTO's (as agent and attorney in fact for BOPCO, LP) commercial determination worksheets and exhibits which indicate that the subject well is a non-commercial well in the Delaware Formation. Please indicate your concurrence to the above Commercial Determination to the undersigned at the address above.

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 at the number or email address below.

Very truly yours,

Law Armstrong
(817) 885-2453
Allen_armstrong@xtoenergy.com

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____



Date: July 28, 2017

To: Law Armstrong

From: Trent Boneau

Re: **Commercial Determination: POKER LAKE UNIT 290 : Delaware Zone**
API 3001536024
T24S R30E Sec 19
Eddy County, New Mexico

Attached is the economic worksheet and well forecast to be submitted for commercial determination. The Poker Lake 290 was drilled in 2008 as a vertical producer to a measured depth of 9440'. The well is producing from perforations from 6990' to 9239' in the Delaware and Bone Spring formations. By mid-year 2017 the well has produced 16 kBO from the Delaware, and as of May 16, 2017 it was testing 7 bopd, 11 kcf/d, and 96 bwpd on rod pump. This well is expected to recover approximately 28 kBOE from the Delaware completion.

Historical prices along with the most recent EIA future pricing estimates for oil and natural gas were utilized in the economic evaluation. Product prices were adjusted downward by approximately 12% to account for local conditions. Operating costs were assumed to be \$10k/mo, declining to \$5k/mo plus a fixed \$0.75/bw cost for water disposal. At a CAPEX share of \$1210k, the Delaware in this well has an undiscounted PV of *negative* \$1040K. The Poker Lake 290 is a **non-commercial** well in the Delaware with limited remaining economic life.

Trent Boneau
Reservoir Engineering Advisor
Delaware Basin Subsurface Team

**WORKSHEET FOR COMMERCIAL DETERMINATION FOR
FEDERAL UNITS**

DELAWARE

Well Name Poker Lake 290
API Number 3001536024
Formation Delaware
Actual CAPEX, \$K 1210.3795
First Production Date 12/1/2008
First Forecast Date 1/1/2017
Cum Oil to Date (kbo) 16.445
Cum Wet Gas to Date (Mcf) 56.82
Water to Date (kbw) 175.309
Assumed Shrink 0.6
NGL Yield Assumed 125
WTI Price % 0.9
HHub Price % 0.82
NGL Price % 0.8
Tax Gas 8.19
Tax Oil 7.09
WI % 100
NRI % 85.79294
OPX/mo Yr 1-3 10000
OPX/mo Yr 4+ 5000
OPX/water (\$/bbl) 0.75
CAPEX, \$k 1210.386

NON-COMMERCIAL

TOTAL NCF 0% DISCOUNT -1,040 K\$
TOTAL NCF 5% DISCOUNT -1,070 K\$

EUR Oil 17925 bo
EUR Wet Gas 61788 kcf


ECONOMICS MODULE



	Date	Oil Volume	Wet Gas Volume	Dry Gas Volume	NGL Volume,	Oil Price	Gas Price	NGL Price	Total Gross Revenue	Net Revenue	Total Opco	Local Taxes	Net Oper Income	Total Capital	BTax CF	Discounted Cash Flow 5%
		<i>BO</i>	<i>kcf</i>	<i>kcf</i>	<i>gal</i>	<i>\$ BO</i>	<i>\$ kcf</i>	<i>\$ gal</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>	<i>M\$</i>
HISTORICAL	2008	346	1471	883	7723	99.57	8.86	0.83	42.6	37	122.8	2.54	-89	1210.386	-1299	-1299
HISTORICAL	2009	4295	13295	7977	69799	61.65	3.95	0.52	292.9	251	154.3	18.76	78	0	78	75
HISTORICAL	2010	2932	6020	3612	31605	79.40	4.39	0.66	239.3	205	143.4	15.65	46	0	46	42
HISTORICAL	2011	2613	5991	3595	31453	95.10	4.00	0.80	255.5	219	80.9	16.84	121	0	121	105
HISTORICAL	2012	576	4446	2668	23342	94.10	2.75	0.79	69.5	60	64.6	4.57	-10	0	-10	-8
HISTORICAL	2013	674	3704	2222	19446	97.90	3.73	0.82	78.9	68	65.4	5.11	-3	0	-3	-2
HISTORICAL	2014	886	8218	4931	43145	93.30	4.39	0.78	119.1	102	67.1	7.36	28	0	28	21
HISTORICAL	2015	615	5773	3464	30308	49.00	2.63	0.41	44.5	38	64.9	2.79	-29	0	-29	-21
HISTORICAL	2016	2660	6538	3923	34325	43.00	2.52	0.36	120.9	104	81.3	7.93	15	0	15	10
FORECAST	2017	2328	6332	3799	33244	46.07	2.70	0.39	115.2	99	78.6	7.52	13	0	13	8
UNECONOMIC	2018	1458	4749	2849	24933	49.37	2.89	0.41	79.8	68	71.7	5.17	-8	0	0	0

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJAN 21 2009
OCD-ARTESIAFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NMNM 02860			
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr, Other <u>TEMP ZONE ABANDON BONE SPRING</u>						6. If Indian, Allottee or Tribe Name			
2. Name of Operator BOPCO, L. P.						7. Unit or CA Agreement Name and no. NMNM 71016			
3. Address P. O. BOX 2760 Midland TX 79705				3.a Phone No. (Include area code) (432)683-2277		8. Lease Name and Well No. POKER LAKE UNIT 290			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface UL D , 800' FNL, 990' FWL LAT N32.208028, LONG W103.926306 At top prod. interval reported below SAME At total depth SAME						9. API Well No. 30-015-36024			
						10. Field and Pool, or Exploratory NASH DRAW (DELAWARE/BS/A)			
						11. Sec , T , R , M , on Block and Survey or Area SEC 19, T24S, R30E			
14 Date Spudded 12/10/2008						15. Date T D. Reached 12/20/2008			
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/20/2008						17 Elevations (DF, RKB, RT, GL)* 3150'			
18 Total Depth: MD 9440' TVD			19. Plug Back T D.: MD 9345' TVD			20. Depth Bridge Plug Set MD 8030' TVD			
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23 Casing and Liner Record (Report all strings set in well)									
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24 Tubing Record									
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2-7/8"	7382'	6842' TAC							
25 Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
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C) 1ST & 2ND BONE	8161	9250'	8303-9239'	0.380	40	BENEATH CIBP @ 8030'			
D) SPRING									
26. Perforation Record									
27 Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
6990-7000'		FRAC W/107642 GALS PW & 100075#S 14/30 LITEPROP							
7290-7300'		SPOT NEW PERFS W/1000 GALS 7.5% HCL. FRAC W/107794 GALS PW & 10005#S 14/30 LITEPROP							
8303-9239'		SET CIBP AT 8030' TO TEMP ZONE ABANDON 1ST & 2ND BONE SPRING							
28 Production - Interval A									
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12/20/08	01/02/09	24	→	64	116	214	41.5		PUMPING
Choke Size	Tbg Press. Flwg SI	Csg Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
28/64"	300	160	→				1813	PRODUCING	
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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

Accepted for record - NMOCN

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 or 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
				T/SALT	720'
				B/SALT	3198'
				LAMAR	3410'
				BELL CANYON	3437'
				CHERRY CANYON	4246'
				BRUSHY CANYON	5570'
				LO. BRUSHY CANYON	6905'
				BONE SPRING LIME	7143'
				AVALON SAND	7240'
				FIRST BONE SPRING SAND	8161'
				SECOND BONE SPRING SAND	9118'

32. Additional remarks (include plugging procedure)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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

Name (please print) Ann MooreTitle Sr. Regulatory Clerk

Signature

Ann Moore

Date

01/08/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1626 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Arlee, NM 87410

DISTRICT IV

1220 St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36024	Pool Code 47545	Pool Name Nash Draw (Delaware, Bone Spring, Avalon Sand)
Property Code 1796	Property Name POKER LAKE UNIT	Well Number 290
GRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3150'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	19	24 S	30 E		800	NORTH	990	WEST	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
Dedicated Acres 40	Joint or Infill N	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

<p>LOT 1 40.12 ACRES</p> <p>3152' 3155.5'</p> <p>990'</p> <p>3142.5' 3155.5'</p> <p>LOT 2 40.16 ACRES</p> <p>80.00 ACRES</p> <p>160.00 ACRES</p> <p>LAT - N32°12'28.9" LONG - W103°55'34.7" (NAD-83)</p> <p>LOT 3 40.20 ACRES</p> <p>80.00 ACRES</p> <p>160.00 ACRES</p> <p>LOT 4 40.24 ACRES</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Gary E. Gerhard</i> 10/25/07 Signature Date</p> <p>Gary E. Gerhard Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 05, 2007</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p>7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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