

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

January 6, 2011

RECEIVED OOD
2011 JAN 10 A 10:57

FEDERAL EXPRESS

Bureau of Land Management
Carlsbad District Office
620 E. Green St.
Carlsbad, New Mexico 88220
Attn: Mr. Wesley Ingram

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 Pierce Canyon 32 State #1H
Bone Spring Formation
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 well in the Bone Spring Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

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

Very truly yours,


Andy Morrison

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
MIDLAND OFFICE

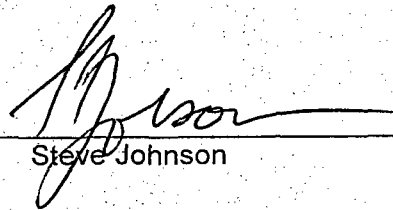
December 15, 2010

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
PLU PIERCE CANYON 32 STATE #1H
EDDY COUNTY, NEW MEXICO
FILE: 100-WF: PLUPC32ST1HCD.DOC

Attached are the worksheets and necessary exhibits for the PLU Pierce Canyon 32 State #1H to be submitted for commercial determination.

The PLU Pierce Canyon 32 State #1H was drilled in 2009 to a total depth of 12,177' and was completed in the Bone Spring reservoir. The well is producing from perforations 7,934-12,141'. On test 6/19/2009 the well pumped at the rate of 145 BOPD, 1809 MCFPD, and 1222 BWPD. This well is expected to recover approximately 518.2 MBOE from the current completion.

A price file from the DOE/EIA website (figure 69) was utilized and the oil price was adjusted by - \$3.41/BO, the gas was adjusted with a 54% shrinkage and 17% differential. An operating cost of \$14,000/mo was also incorporated in this evaluation. This will be a commercial well and should be incorporated into a participating area.



Steve Johnson

RSD/cdp

cc: Ross Sutton
George Hillis
Brad Glasscock

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ PLU PIERCE CANYON 32 STATE 1H _____ FORMATION _____ BONE SPRING _____

LOCATION _____ P _____ UNIT, _____ 350 _____ FEET FROM SOUTH LINE & _____ 350 _____ FEET FROM EAST LINE _____

SECTION _____ 32 _____ TOWNSHIP _____ 24S _____ RANGE _____ 30E _____ COUNTY _____ Eddy _____ NEW MEXICO _____

SPUD DATE _____ 3/12/2009 _____ COMPLETION DATE _____ 6/11/2009 _____ INITIAL PRODUCTION _____ 6/19/2009 _____

PERFORATIONS _____ 7934-12,141' _____

BHL: 365' FNL & 356' FEL SEC 32 T24S R30E _____

STIMULATION:

ACID _____

FRACTURE Frac w/ 50,000 gal 15% hcl, 83,287 bbl gel, 3,107,949# sd _____

POTENTIAL _____ (06/19/2009): 145 BOPD, 1809 MCFPD, 1222 BWPD _____

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

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	160	
Porosity (Φ), %	7%	
Water saturation (S_w), %	40%	
Net Thickness (H), ft.	67	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,411	
Recovery factor (RF), %	50%	
Recoverable gas, BCF *(See eq. below)	1.587	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-S_w) (RF) / B_{gi}$

B_{gi} = 1.10 RB/MCF

Continued

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO	<u>5/31/2010</u>	<u>26,281</u>	BBL Oil	<u>397,102</u>	MCF Gas
INITIAL RATE (qi)		<u>1,094</u>			
ECONOMIC LIMIT (ql)		<u>64</u>			
HYPERBOLIC DECLINE RATE, dy		<u>n = 1.78 d = 17.86%/yr</u>			
REMAINING GAS (Q) =		<u>2,056,537</u>			
ULTIMATE RECOVERABLE GAS (MCF)		<u>2,453,639</u>			

(Attach plat showing proration unit and participating area.)

ECONOMICGROSS WELL COST \$2,311,500 (to the depth of formation completed)COMPLETION COST \$2,443,500GROSS TOTAL COST \$4,755,000

<u>YEAR</u>	<u>GROSS GAS MMCF</u>	<u>BFIT NET INCOME (\$M)</u>	<u>OPERATING COST (\$M) INCL SEV & AD VAL TAX</u>	<u>5% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				
1	<u>276.241</u>	<u>1991.1</u>	<u>268.9</u>	<u>-3055.3</u>
2	<u>274.714</u>	<u>1765.2</u>	<u>321.2</u>	<u>1371.2</u>
3	<u>167.124</u>	<u>1123.0</u>	<u>265.8</u>	<u>774.4</u>
4	<u>126.996</u>	<u>890.0</u>	<u>245.5</u>	<u>554.5</u>
5	<u>104.712</u>	<u>747.2</u>	<u>233.0</u>	<u>421.4</u>
6	<u>90.204</u>	<u>652.7</u>	<u>224.7</u>	<u>334.0</u>
7	<u>79.872</u>	<u>588.6</u>	<u>219.1</u>	<u>274.6</u>
8	<u>72.072</u>	<u>539.4</u>	<u>214.7</u>	<u>229.7</u>
9	<u>65.928</u>	<u>497.2</u>	<u>211.1</u>	<u>192.8</u>
10	<u>60.960</u>	<u>464.5</u>	<u>208.3</u>	<u>164.5</u>
REMAINDER	<u>1175.371</u>	<u>10129.9</u>	<u>6672.7</u>	<u>1302.6</u>
TOTAL	<u>2494.194</u>	<u>19388.8</u>	<u>9085.3</u>	<u>2564.4</u>

WELL IS COMMERCIAL

ECONOMIC PROJECTION

Date : 12/15/2010

Lior:

1:30:27PM

Project Name : Exp of WTD Dev Drilling Inventory

Partner : All Cases

Case Type : LEASE CASE

Archive Set : INVENTORY

Cum Oil (Mbbbl) : 0.00

Cum Gas (MMcf) : 0.00

As Of Date : 06/01/2009

Discount Rate (%) : 5.00

PC32_1 ACTUAL PRD

Lease Name : PC32 1 ACTUAL PRD

Reserv Cat. : Proved Producing

Field : POKER LAKE OIL

Operator : CHESAPEAKE

Reservoir : AVALON 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)
2009	21.040	276.241	127.071	875.684	18.410	111.187	766.223
2010	12.171	274.714	126.368	870.843	10.650	110.572	761.988
2011	6.816	167.124	76.877	529.783	5.964	67.267	463.560
2012	4.980	126.996	58.418	402.577	4.358	51.116	352.255
2013	3.996	104.712	48.168	331.937	3.496	42.147	290.445
2014	3.372	90.204	41.494	285.947	2.951	36.307	250.203
2015	2.940	79.872	36.741	253.194	2.573	32.148	221.545
2016	2.616	72.072	33.153	228.468	2.289	29.009	199.910
2017	2.364	65.928	30.327	208.992	2.068	26.536	182.868
2018	2.160	60.960	28.042	193.243	1.890	24.536	169.088

Rem	40.041	1,175.371	540.671	3,725.927	35.036	473.087	3,260.186
Total	102.496	2,494.194	1,147.329	7,906.596	89.684	1,003.913	6,918.271
Ult.	102.496	2,494.194					

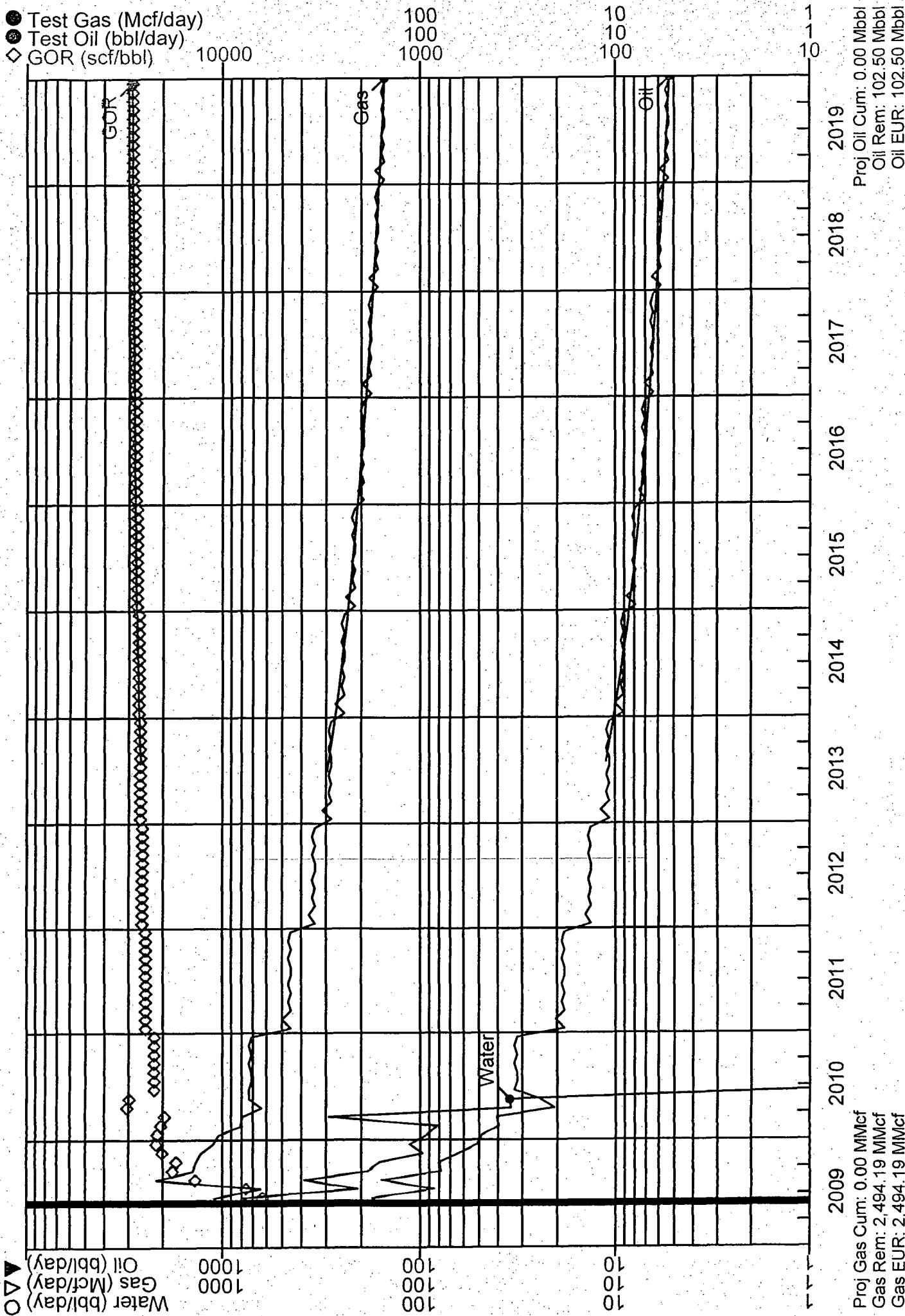
Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	55.80	2.95	0.83	1,027.28	327.87	635.97	1,991.12
2010	66.89	3.80	0.83	712.35	420.42	632.45	1,765.23
2011	69.65	4.80	0.83	415.39	322.83	384.75	1,122.98
2012	76.00	5.21	0.83	331.17	266.48	292.37	890.02
2013	82.33	5.18	0.83	287.87	218.30	241.07	747.23
2014	87.50	5.15	0.83	258.17	186.82	207.67	652.66
2015	91.11	5.30	0.83	234.38	170.32	183.88	588.58
2016	94.82	5.39	0.83	217.04	156.38	165.93	539.35
2017	97.82	5.39	0.83	202.34	143.05	151.78	497.17
2018	101.00	5.43	0.83	190.89	133.31	140.34	464.54
Rem	120.43	6.77	0.83	4,219.43	3,204.56	2,705.95	10,129.94
Total	90.28	5.53	0.83	8,096.31	5,550.34	5,742.17	19,388.82

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\$)
2009	166.96	3.98	4,755.48	98.00	-3,033.31	-3,033.31	-3,055.27	-3,055.27
2010	149.71	3.53	0.00	168.00	1,443.99	-1,589.32	1,371.17	-1,684.11
2011	95.56	2.25	0.00	168.00	857.18	-732.14	774.40	-909.71
2012	75.72	1.78	0.00	168.00	644.52	-87.62	554.51	-355.20
2013	63.49	1.49	0.00	168.00	514.25	426.63	421.37	66.17
2014	55.40	1.31	0.00	168.00	427.96	854.59	333.98	400.14
2015	49.94	1.18	0.00	168.00	369.46	1,224.05	274.60	674.74
2016	45.75	1.08	0.00	168.00	324.52	1,548.57	229.70	904.44
2017	42.15	0.99	0.00	168.00	286.02	1,834.60	192.81	1,097.25
2018	39.37	0.93	0.00	168.00	256.24	2,090.84	164.51	1,261.77
Rem	857.99	20.26	0.00	5,794.48	3,457.21	3,457.21	1,302.62	1,302.62
Total	1,642.03	38.78	4,755.48	7,404.48	5,548.05	5,548.05	2,564.39	2,564.39

Major Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)		
Perfs :	0 0	Revenue Int :	0.87500000	5.00% :	2,564.39	
Initial Rate :	8,726.00 Mcf/month	Disc. Initial Invest. (m\$) :	4,755.480	8.00% :	1,661.04	
Abandonment :	1,965.04 Mcf/month	Internal ROR (%) :	19.30	10.00% :	1,224.27	
Initial Decline :	17.86 % year b = 1.784	ROIvestment (disc/undisc) :	1.54 / 2.17	12.00% :	871.93	
Bea Ratio :	0.04 bbl/Mcf	Years to Pavout :	3.75	15.00% :	451.78	
End Ratio :	0.03 bbl/Mcf	Abandonment Date :	06/30/2053	20.00% :	-65.02	
Forecast Start :	07/01/2013			30.00% :	-735.51	
		Initial	1st Rev.	2nd Rev.	40.00% :	-1,165.60
		Working Interest :	1.00000000	0.00000000	50.00% :	-1,471.74
		Revenue Interest :	0.87500000	0.00000000	60.00% :	-1,703.80
		Rev. Date :				

Case Name: PC32_1 ACTUAL PRD
Oper: CHESAPEAKE
Major Phase: Gas

Field: POKER LAKE OIL
County, State: EDDY, NM
Disc Value: 2,564.39 M\$



Submit To Appropriate District Office Two Copies: District I 1625 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 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources ENTERED 10-28-09 112 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		OCT - 5 2009 Form C-105 July 17, 2008	
1. WELL API NO. 30-015-36657		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		3. State Oil & Gas Lease No.	
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15-17.13.K NMAC)		5. Lease Name or Unit Agreement Name PLU-Pierce Canyon 32 St.		6. Well Number: 1H	
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER		8. Name of Operator Chesapeake Operating, Inc.		9. OGRID 147179	
10. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496		11. Pool name or Wildcat WC; Bone Spring		12. Location	
12. Location		Unit Ltr		Section	
Surface:		P		32	
BH:		A		32	
Township		24S		30E	
Range		350'		S	
Feet from the		365'		N	
N/S Line		Feet from the		E/W Line	
County		Eddy		Eddy	
13. Date Spudded 03/12/2009		14. Date T.D. Reached 04/17/2009		15. Date Rig Released 04/18/2009	
16. Date Completed (Ready to Produce) 6/11/2009		17. Elevations (DF and RKB, RT, GR, etc.) 3259' GR		18. Total Measured Depth of Well 12,177'	
19. Plug Back Measured Depth 12,132'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Comp Neutron/DLL	
22. Producing Interval(s) of this completion - Top, Bottom, Name 7934'-12,141'; Bone Spring		23. CASING RECORD (Report all strings set in well)		24. LINER RECORD	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET	
13 3/8"		48 #		721'	
9 5/8"		40 #		3700'	
5 1/2"		20 #		12,177'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17 1/2"		1175 sxs			
12 1/4"		1630 sxs			
7 7/8"		2300 sxs			
25. TUBING RECORD		SIZE		DEPTH SET	
2 7/8"		7299'		PACKER SET	
7301'					
26. Perforation record (interval, size, and number) 7934'-12,141' (OA) 500 holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED		7934'-12,141'	
		55,000 gals 15% Acid, 83,287 BW			
		3,107,949 # Sand			
28. PRODUCTION		Date First Production 06/11/2009		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	
Well Status (Prod. or Shut-in) Producing		Date of Test 06/19/2009		Hours Tested 24 Hours	
Choke Size		Prod'n For Test Period		Oil - Bbl 145 BOPD	
Gas - MCF 1809 MCF		Water - Bbl 1222 BWPD		Gas - Oil Ratio	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate	
Oil - Bbl 145 BOPD		Gas - MCF 1809 MCF		Water - Bbl 1222 BWPD	
Oil Gravity - API - (Corr.)					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Amended to show well potential. Well returned to prod on 7/30/09		30. Test Witnessed By			
31. List Attachments Directional Survey; Electric Logs, NMOC's Amended C-102 showing actual BHL-previously submitted		32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.			
33. If an on-site burial was used at the well, report the exact location of the on-site burial:		Latitude		Longitude	
NAD 1927 1983		I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief		Signature Bryan Arrant	
Printed Name Bryan Arrant		Title Senior Regulatory Compl. Sp.		Date 07/31/2009	
E-mail Address bryan.arrant@chk.com					

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	770		T. Ojo Alamo		T. Penn A"
T. Salt	1017		T. Kirtland		T. Penn. "B"
B. Salt	3479		T. Fruitland		T. Penn. "C"
T. Yates			T. Pictured Cliffs		T. Penn. "D"
T. J. Rivers			T. Cliff House		T. Leadville
T. Queen			T. Menefee		T. Madison
T. Grayburg			T. Point Lookout		T. Elbert
T. San Andres			T. Mancos		T. McCracken
T. Glorieta			T. Gallup		T. Ignacio Otzie
T. Paddock			Base Greenhorn		T. Granite
T. Blinney			T. Dakota		
T. Tubb			T. Morrison		
T. Drinkard			T. Todilto		
T. Abo			T. Entrada		
T. Wolfcamp			T. Wingate		
T. Penn			T. Chinle		
T. Cisco (Bough C)			T. Permian		

**OIL OR GAS
SANDS OR ZONES**

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

IMPORTANT WATER SANDS

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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

JUL 17 2009

DISTRICT I
1625 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
1220 S. 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 30-015-36657	Pool Code 96403	Pool Name 97765 WC; Bone Spring
Property Code 147179	Property Name PLU PIERCE CANYON "32" STATE	Well Number 1H
OGRID No. 37408	Operator Name CHESAPEAKE OPERATING CO.	Elevation 3259'

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	32	24 S	30 E		350	SOUTH	350	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
A	32	24 S	30 E		365	NORTH	356	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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 365' FNL & 356' FEL Project Area Producing Area 4602' 350' 350'	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. <i>Bryan Arrant</i> 7/13/2009 Signature Date Bryan Arrant Printed Name
	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. SEPTEMBER 12, 2008 Date Surveyed GARY L. JONES Signature & Seal Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS
	SURFACE LOCATION Lat - N32°10'04.05" Long - W103°53'45.33" SPC- N.: 425051.771 E.: 676684.365 (NAD-83)

Figure 69. Annual average lower 48 wellhead and Henry Hub spot market prices for natural gas, 1990-2035 (2008 dollars per million Btu)

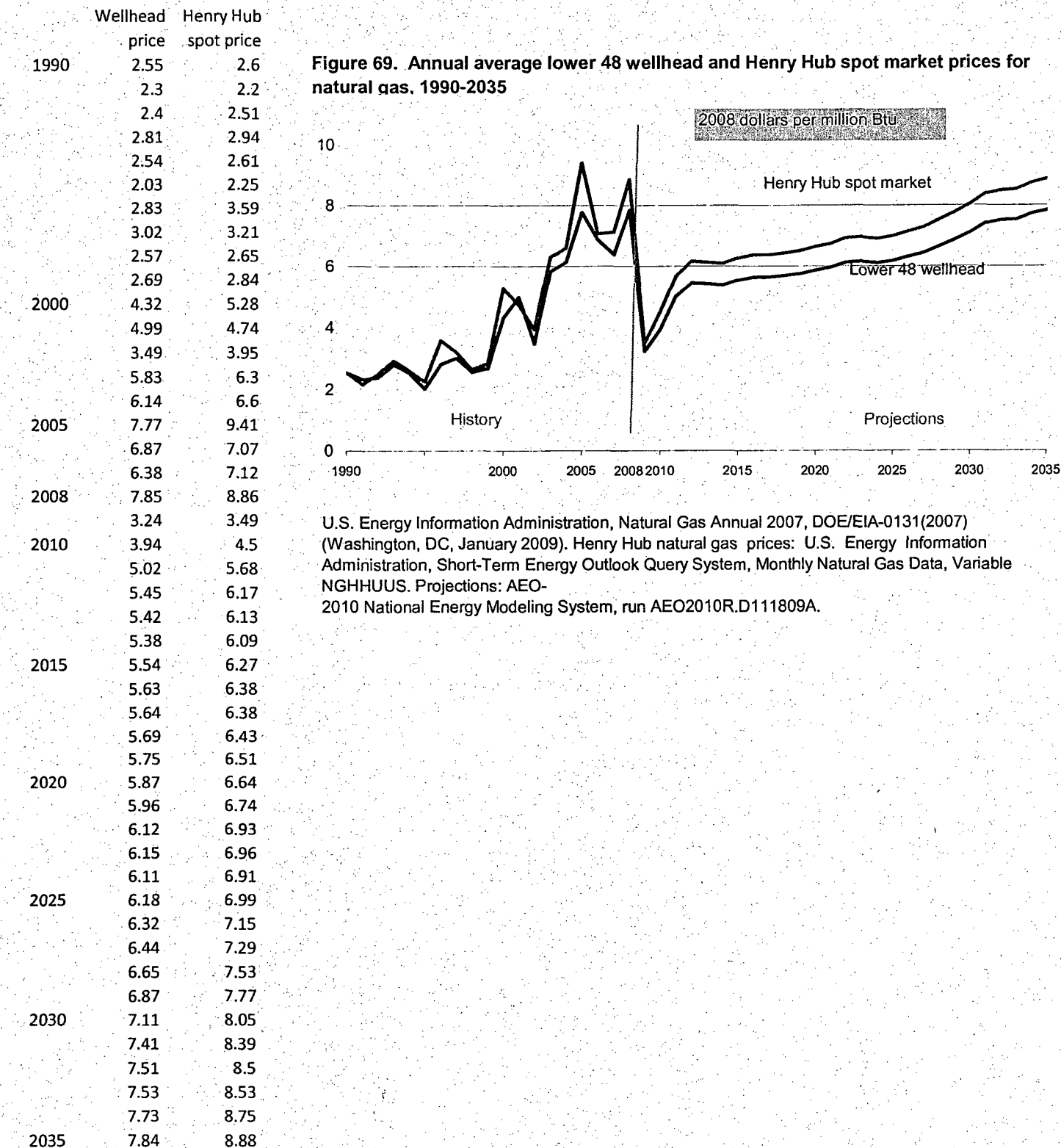
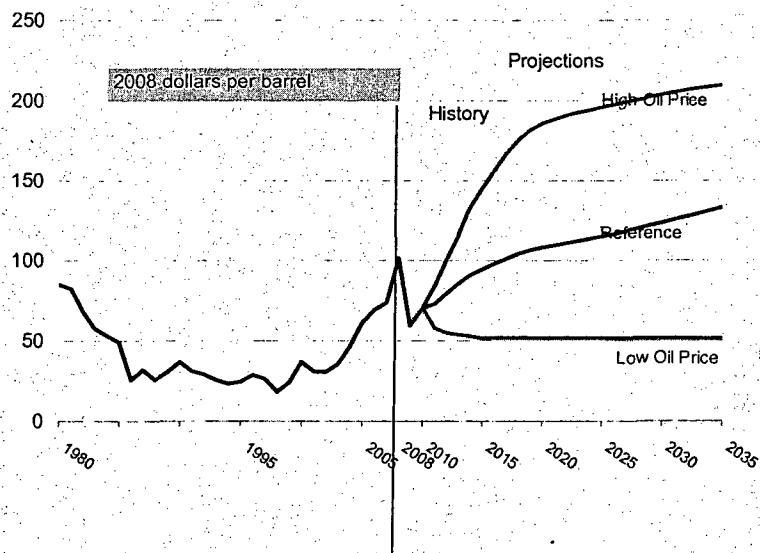


Figure 16. Average annual world oil prices in three cases, 1980-2035 (2008 dollars per barrel)

	Reference	High	Low
1980	84.95		
	82		
	68.31		
	57.56		
	53.27		
	48.98		
	25.86		
	32.11		
	25.83		
	30.61		
	36.81		
	31.23		
	29.15		
	25.53		
1995	23.33		
	24.5		
	28.85		
	26.44		
	18.3		
	24.19		
	37.19		
	31.06		
	30.76		
	35.75		
	46.35		
2005	61.34		
	69.27		
	73.89		
2008	101.45		
	59.21	59.21	59.21
2010	70.3	70.3	70.3
	73.06	83.89	57.84
	79.41	100.4	54.88
	85.74	115.55	53.86
	90.91	132.86	52.79
2015	94.52	144.78	51.59
	98.23	156.35	51.73
	101.23	166.97	51.78
	104.41	175.39	51.82
	106.47	181.21	51.91
2020	108.28	185.63	51.86
	109.52	188.38	51.83
	110.92	190.68	51.82
	112.32	192.76	51.8
	113.63	194.06	51.76
2025	115.09	196.01	51.73
	116.61	197.59	51.71
	118.32	198.81	51.71
	120.13	200.45	51.66
	122.04	202.29	51.62
2030	123.5	203.91	51.63
	125.56	205.32	51.59
	127.43	206.73	51.53
	129.29	207.78	51.5
	131.25	208.7	51.49
2035	133.22	209.6	51.44

Figure 16. Average annual world oil prices in three cases, 2005-2035



U.S. Energy Information Administration, Annual Energy Review 2008, DOE/EIA-0384 (2008) (Washington, DC, June 2009). Projections: AEO2010 National Energy Modeling System, runs AEO2010R.D111809A, LP2010.D011910A, and HP2010.D011910A.