

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.

30-015-33820

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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 ☐

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter A : 660 Feet From The North Line and 330 Feet From The East Line

Section 15 Township 24S Range 29E NMPM Eddy County

10. Date Spudded

04/15/05

11. Date T.D. Reached

05/16/05

12. Date Compl. (Ready to Prod.)

06/01/05

13. Elevations (DF & RKB, RT, GR, etc.)

2927

14. Elev. Casinghead

2928

15. Total Depth

10,750

16. Plug Back T.D.

10,668

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

0-10,750

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Bone Spring 7971-10667 (OA)

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

HDIL, ZDL/CN

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	337	17-1/2	350 sks	
9-5/8	36	2870	12-1/4	1050 sks	
5-1/2	17	10750	8-1/2	2050 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7111	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

7971-10667 (OA) 54 holes total

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7971-10667	Acidz w/ 7500 gals 7-1/2% HCL
	Frac w/ 298,000# TLC +
	106,000 RCS

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
06/01/05		Flowing					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
06/12/05	24	14/64		251	374	64	1490:1	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
855	1340					41.2		

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

Sold

Test Witnessed By

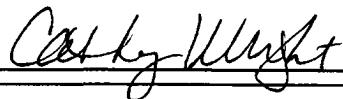
Jack Burnett

30. List Attachments

C-104, C-102, logs, Sundry, Deviation Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature



Printed
Name

Cathy Wright

Title

Sr Eng Tech

Date

06/14/05

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. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

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
		2790	Basal Anhydrite				
		2797	Delaware Lime				
		2936	Bell Canyon				
		3784	Cherry Canyon				
		3958	Manzanita				
		5014	Brushy Canyon				
		6667	Bone Spring				

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33820	² Pool Code 96473	³ Pool Name Pierce Crossing Bone Spring East
⁴ Property Code 17565	⁵ Property Name H. Buck State	⁶ Well Number 3
⁷ OGRID No. 017891	⁸ Operator Name Pogo Producing Company	⁹ Elevation 2927

¹⁰ 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	15	24S	29E		660	North	330	East	Eddy

¹¹ 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
C	15	24S	29E		660.95	North	1704.99	West	Eddy

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Wright Printed Name Sr. Eng Tech Title and E-mail Address 06/07/05 Date

RECEIVED
JUN 20 2005
OCD-ARTESIA

OPERATOR POGO PRODUCING CO
WELL/LEASE CEDAR CANYON H BUCK ST 3
COUNTY EDDY, NM

078-0032

STATE OF NEW MEXICO
DEVIATION REPORT

RECEIVED

~~JUN 13 2005~~

MIDLAND

225	3/4
289	1
623	1
1,315	1 3/4
1,473	1
1,728	3/4
1,917	1 1/4
2,238	2
2,365	1 1/2
2,557	1 3/4
2,870	2
2,996	2
3,188	1 1/2
3,510	1
3,828	1 1/4
4,148	1/4
4,500	1 1/2
4,820	3/4
5,078	1
5,395	1/2
5,748	1/4
6,067	1
6,416	1/2
6,698	1/2
7,100	1/2

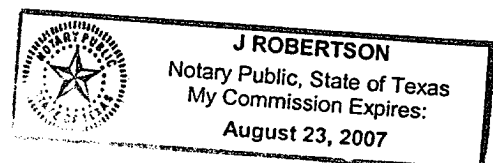
CONFIDENTIAL

BY: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on June 9, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

J Robertson
Notary Public for Midland County, Texas
My Commission Expires: 8/23/07



POGO PRODUCING CO.
H.Buck State #3

slot #1
Pierce Crossing (Bone Springs)
Eddy County New Mexico

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : MWD
Our ref : svy2781
License :

Date printed : 17-May-2005
Date created : 2-May-2005
Last revised : 17-May-2005

Field is centred on n32 25 0.000,w104 12 0
Structure is centred on n32 25 0.000,w104 12 0

Slot location is n32 25 0.000,w104 12 0.000
Slot Grid coordinates are N 515323.183, E 541144.641
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

CONFIDENTIAL

POGO PRODUCING CO.
H.Buck State #3, slot #1
Pierce Crossing (Bone Springs), Eddy County New Mex

SURVEY LISTING Page 1
Your ref : MWD
Last revised : 17-May-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	541144.64	515323.18
100.00	0.38	304.01	100.00	0.19N	0.27W	0.38	0.27	541144.37	515323.37
200.00	0.37	311.77	200.00	0.59N	0.79W	0.05	0.79	541143.85	515323.77
300.00	0.54	330.33	299.99	1.21N	1.26W	0.22	1.26	541143.37	515324.39
400.00	0.33	329.00	399.99	1.87N	1.65W	0.21	1.65	541142.99	515325.05
500.00	0.29	351.24	499.99	2.36N	1.83W	0.13	1.83	541142.80	515325.54
600.00	0.22	327.83	599.99	2.78N	1.97W	0.12	1.97	541142.66	515325.96
700.00	0.23	311.04	699.99	3.07N	2.23W	0.07	2.23	541142.41	515326.25
800.00	0.27	276.60	799.99	3.23N	2.61W	0.15	2.61	541142.02	515326.41
900.00	0.54	268.51	899.98	3.24N	3.32W	0.28	3.32	541141.32	515326.42
1000.00	0.45	274.49	999.98	3.26N	4.18W	0.10	4.18	541140.46	515326.44
1100.00	0.51	268.74	1099.98	3.28N	5.02W	0.08	5.02	541139.62	515326.46
1200.00	0.71	260.78	1199.97	3.17N	6.07W	0.22	6.07	541138.56	515326.35
1300.00	0.91	263.22	1299.96	2.98N	7.47W	0.20	7.47	541137.16	515326.15
1400.00	0.78	259.93	1399.95	2.77N	8.93W	0.14	8.93	541135.71	515325.94
1500.00	0.74	244.69	1499.94	2.37N	10.19W	0.21	10.19	541134.45	515325.54
1600.00	0.62	221.97	1599.93	1.70N	11.13W	0.29	11.13	541133.51	515324.86
1700.00	0.11	180.91	1699.93	1.20N	11.50W	0.54	11.50	541133.14	515324.37
1800.00	0.07	164.53	1799.93	1.04N	11.48W	0.05	11.48	541133.16	515324.21
1900.00	0.31	249.47	1899.93	0.89N	11.72W	0.31	11.72	541132.92	515324.06
2000.00	0.12	283.38	1999.93	0.82N	12.07W	0.22	12.07	541132.57	515323.99
2100.00	0.19	266.54	2099.93	0.83N	12.34W	0.08	12.34	541132.30	515324.00
2200.00	0.51	82.39	2199.93	0.88N	12.06W	0.70	12.06	541132.58	515324.05
2300.00	1.22	101.90	2299.92	0.72N	10.58W	0.76	10.58	541134.06	515323.89
2400.00	1.22	102.40	2399.90	0.27N	8.50W	0.01	8.50	541136.14	515323.44
2500.00	1.77	119.94	2499.86	0.73S	6.12W	0.71	6.12	541138.52	515322.45
2600.00	2.39	130.90	2599.80	2.86S	3.21W	0.73	3.21	541141.44	515320.32
2700.00	2.46	132.36	2699.71	5.67S	0.05W	0.09	0.05	541144.60	515317.51
2800.00	2.03	130.89	2799.63	8.28S	2.88E	0.43	-2.88	541147.53	515314.91
2900.00	1.49	139.75	2899.58	10.43S	5.06E	0.60	-5.06	541149.71	515312.76
3000.00	1.32	139.15	2999.55	12.29S	6.65E	0.17	-6.65	541151.31	515310.90
3100.00	1.33	144.54	3099.52	14.11S	8.08E	0.12	-8.08	541152.74	515309.08
3200.00	1.38	144.72	3199.50	16.04S	9.45E	0.05	-9.45	541154.11	515307.16
3300.00	1.40	145.32	3299.47	18.03S	10.84E	0.02	-10.84	541155.50	515305.17
3400.00	1.22	143.28	3399.44	19.88S	12.17E	0.19	-12.17	541156.83	515303.31
3500.00	0.96	144.01	3499.42	21.42S	13.30E	0.26	-13.30	541157.96	515301.78
3600.00	0.88	148.35	3599.41	22.75S	14.19E	0.11	-14.19	541158.86	515300.45
3700.00	0.76	149.93	3699.40	23.98S	14.93E	0.12	-14.93	541159.60	515299.23
3800.00	0.44	175.59	3799.39	24.93S	15.29E	0.41	-15.29	541159.96	515298.27
3900.00	0.41	193.03	3899.39	25.66S	15.24E	0.13	-15.24	541159.91	515297.54
4000.00	0.30	198.41	3999.39	26.26S	15.08E	0.11	-15.08	541159.75	515296.94
4100.00	0.21	194.33	4099.39	26.69S	14.95E	0.09	-14.95	541159.62	515296.52
4200.00	0.34	208.01	4199.39	27.13S	14.76E	0.14	-14.76	541159.44	515296.08
4300.00	0.38	204.05	4299.39	27.69S	14.49E	0.05	-14.49	541159.16	515295.51
4400.00	0.32	240.13	4399.38	28.13S	14.11E	0.22	-14.11	541158.79	515295.07
4500.00	0.44	261.17	4499.38	28.33S	13.49E	0.18	-13.49	541158.16	515294.87
4600.00	0.55	254.16	4599.38	28.52S	12.65E	0.13	-12.65	541157.32	515294.68
4700.00	0.39	269.38	4699.37	28.66S	11.85E	0.20	-11.85	541156.52	515294.54
4800.00	0.35	274.57	4799.37	28.63S	11.20E	0.05	-11.20	541155.88	515294.56
4900.00	0.28	285.90	4899.37	28.54S	10.66E	0.09	-10.66	541155.34	515294.66

All data in feet unless otherwise stated. Calculation uses minimum curvature method.

Coordinates from structure and TVD from rotary table.

Bottom hole distance is 3245.01 on azimuth 269.98 degrees from wellhead.

Vertical section is from S 0.00 W 0.00 on azimuth 270.00 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

CONFIDENTIAL

POGO PRODUCING CO.
H.Buck State #3, slot #1
Pierce Crossing (Bone Springs), Eddy County New Mex

SURVEY LISTING Page 2
Your ref : MWD
Last revised : 17-May-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
5000.00	0.31	285.81	4999.37	28.40S	10.17E	0.03	-10.17	541154.84	515294.80
5100.00	0.29	294.30	5099.37	28.22S	9.68E	0.05	-9.68	541154.35	515294.97
5200.00	0.26	298.55	5199.37	28.01S	9.25E	0.04	-9.25	541153.92	515295.18
5300.00	0.36	301.79	5299.37	27.74S	8.78E	0.10	-8.78	541153.45	515295.46
5400.00	0.37	298.63	5399.36	27.42S	8.23E	0.02	-8.23	541152.90	515295.78
5500.00	0.47	292.28	5499.36	27.11S	7.57E	0.11	-7.57	541152.24	515296.09
5600.00	0.48	294.11	5599.36	26.78S	6.80E	0.02	-6.80	541151.48	515296.41
5700.00	0.54	286.44	5699.35	26.48S	5.97E	0.09	-5.97	541150.64	515296.72
5800.00	0.41	298.40	5799.35	26.17S	5.20E	0.16	-5.20	541149.88	515297.02
5900.00	0.51	290.09	5899.35	25.85S	4.47E	0.12	-4.47	541149.14	515297.34
6000.00	0.52	280.52	5999.34	25.61S	3.61E	0.09	-3.61	541148.28	515297.57
6100.00	0.44	291.74	6099.34	25.39S	2.80E	0.12	-2.80	541147.48	515297.80
6200.00	0.55	274.42	6199.34	25.21S	1.97E	0.18	-1.97	541146.64	515297.98
6300.00	0.48	274.65	6299.33	25.14S	1.07E	0.07	-1.07	541145.74	515298.05
6351.00	0.45	222.54	6350.33	25.27S	0.72E	0.80	-0.72	541145.40	515297.92
6548.00	0.40	196.50	6547.33	26.50S	0.01E	0.10	-0.01	541144.68	515296.69
6745.00	1.00	258.00	6744.31	27.52S	1.87W	0.45	1.87	541142.80	515295.67
6943.00	1.10	256.30	6942.28	28.32S	5.41W	0.05	5.41	541139.27	515294.85
7058.00	0.80	289.30	7057.26	28.32S	7.24W	0.53	7.24	541137.44	515294.85
7090.00	0.40	290.00	7089.26	28.21S	7.55W	1.25	7.55	541137.12	515294.97
7119.00	2.20	256.30	7118.25	28.31S	8.19W	6.48	8.19	541136.49	515294.87
7151.00	5.70	254.50	7150.17	28.88S	10.32W	10.94	10.32	541134.36	515294.30
7183.00	10.60	253.80	7181.84	30.12S	14.68W	15.32	14.68	541130.00	515293.04
7215.00	15.30	255.60	7213.02	32.00S	21.60W	14.74	21.60	541123.08	515291.16
7247.00	18.10	260.50	7243.67	33.87S	30.59W	9.79	30.59	541114.09	515289.28
7278.00	20.50	263.70	7272.92	35.26S	40.74W	8.46	40.74	541103.95	515287.88
7310.00	23.00	265.10	7302.64	36.41S	52.54W	7.98	52.54	541092.15	515286.71
7342.00	25.10	266.10	7331.86	37.40S	65.54W	6.68	65.54	541079.15	515285.70
7374.00	26.50	270.00	7360.67	37.86S	79.45W	6.87	79.45	541065.24	515285.22
7406.00	26.80	272.40	7389.28	37.56S	93.80W	3.49	93.80	541050.89	515285.51
7438.00	27.90	274.20	7417.70	36.71S	108.48W	4.30	108.48	541036.22	515286.34
7470.00	29.80	275.30	7445.73	35.43S	123.86W	6.16	123.86	541020.83	515287.60
7502.00	31.80	275.60	7473.21	33.87S	140.17W	6.27	140.17	541004.52	515289.14
7534.00	35.70	275.60	7499.81	32.14S	157.86W	12.19	157.86	540986.83	515290.85
7566.00	39.00	274.90	7525.25	30.36S	177.19W	10.40	177.19	540967.50	515292.60
7598.00	42.30	273.80	7549.52	28.79S	197.98W	10.55	197.98	540946.72	515294.15
7630.00	46.00	273.50	7572.48	27.37S	220.22W	11.58	220.22	540924.48	515295.54
7662.00	49.50	272.40	7593.99	26.16S	243.87W	11.23	243.87	540900.83	515296.72
7694.00	52.70	272.10	7614.08	25.18S	268.75W	10.03	268.75	540875.95	515297.66
7726.00	57.60	272.10	7632.36	24.22S	294.98W	15.31	294.98	540849.71	515298.59
7758.00	62.00	272.10	7648.46	23.21S	322.61W	13.75	322.61	540822.08	515299.57
7790.00	64.70	272.10	7662.81	22.16S	351.19W	8.44	351.19	540793.51	515300.58
7822.00	67.80	272.40	7675.70	21.01S	380.46W	9.73	380.46	540764.24	515301.70
7854.00	70.70	272.40	7687.03	19.76S	410.35W	9.06	410.35	540734.35	515302.91
7886.00	73.40	272.40	7696.89	18.48S	440.77W	8.44	440.77	540703.94	515304.15
7918.00	75.80	272.40	7705.39	17.19S	471.59W	7.50	471.59	540673.12	515305.40
7950.00	78.30	272.40	7712.56	15.89S	502.74W	7.81	502.74	540641.96	515306.67
7982.00	81.10	272.40	7718.28	14.57S	534.20W	8.75	534.20	540610.51	515307.95
8015.00	84.20	272.80	7722.50	13.08S	566.89W	9.47	566.89	540577.82	515309.39
8046.00	87.20	273.10	7724.83	11.49S	597.76W	9.73	597.76	540546.95	515310.95

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from structure and TVD from rotary table.

Bottom hole distance is 3245.01 on azimuth 269.98 degrees from wellhead.

Vertical section is from S 0.00 W 0.00 on azimuth 270.00 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

CONFIDENTIAL

POGO PRODUCING CO.
H.Buck State #3, slot #1
Pierce Crossing (Bone Springs), Eddy County New Mex

SURVEY LISTING Page 3
Your ref : MWD
Last revised : 17-May-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
8080.00	89.80	273.10	7725.72	9.65S	631.69W	7.65	631.69	540513.02	515312.74
8113.00	91.40	272.80	7725.37	7.96S	664.64W	4.93	664.64	540480.07	515314.40
8144.00	91.60	274.00	7724.56	6.12S	695.58W	3.92	695.58	540449.13	515316.20
8176.00	91.80	274.00	7723.61	3.89S	727.49W	0.62	727.49	540417.22	515318.39
8208.00	92.20	273.90	7722.49	1.68S	759.39W	1.29	759.39	540385.32	515320.55
8240.00	92.40	273.60	7721.21	0.41N	791.30W	1.13	791.30	540353.41	515322.60
8272.00	92.30	273.90	7719.90	2.50N	823.20W	0.99	823.20	540321.51	515324.65
8304.00	92.40	272.40	7718.59	4.26N	855.13W	4.69	855.13	540289.59	515326.37
8335.00	92.50	271.40	7717.26	5.28N	886.08W	3.24	886.08	540258.63	515327.36
8367.00	92.60	270.70	7715.84	5.87N	918.04W	2.21	918.04	540226.67	515327.91
8399.00	92.30	270.30	7714.47	6.15N	950.01W	1.56	950.01	540194.71	515328.14
8431.00	91.30	269.60	7713.46	6.12N	982.00W	3.81	982.00	540162.73	515328.08
8463.00	90.90	268.90	7712.85	5.70N	1013.99W	2.52	1013.99	540130.74	515327.62
8495.00	91.00	269.30	7712.32	5.20N	1045.98W	1.29	1045.98	540098.75	515327.08
8527.00	90.80	269.30	7711.82	4.81N	1077.97W	0.62	1077.97	540066.76	515326.64
8559.00	90.60	269.30	7711.42	4.42N	1109.97W	0.62	1109.97	540034.77	515326.21
8591.00	90.70	269.20	7711.06	4.00N	1141.96W	0.44	1141.96	540002.78	515325.76
8623.00	91.20	269.50	7710.53	3.63N	1173.96W	1.82	1173.96	539970.79	515325.35
8687.00	91.80	269.50	7708.86	3.08N	1237.93W	0.94	1237.93	539906.82	515324.71
8751.00	92.30	269.50	7706.57	2.52N	1301.89W	0.78	1301.89	539842.87	515324.08
8816.00	92.50	269.50	7703.84	1.95N	1366.83W	0.31	1366.83	539777.93	515323.43
8877.00	91.80	269.20	7701.56	1.26N	1427.78W	1.25	1427.78	539716.99	515322.66
8940.00	91.90	269.20	7699.52	0.38N	1490.74W	0.16	1490.74	539654.03	515321.70
9004.00	92.50	269.20	7697.07	0.51S	1554.69W	0.94	1554.69	539590.09	515320.73
9068.00	92.00	269.20	7694.55	1.41S	1618.63W	0.78	1618.63	539526.16	515319.76
9101.00	92.00	268.80	7693.40	1.98S	1651.61W	1.21	1651.61	539493.18	515319.14
9132.00	91.90	269.20	7692.35	2.52S	1682.58W	1.33	1682.58	539462.21	515318.56
9164.00	91.20	269.50	7691.48	2.88S	1714.57W	2.38	1714.57	539430.23	515318.16
9228.00	90.30	269.50	7690.64	3.44S	1778.56W	1.41	1778.56	539366.24	515317.52
9292.00	89.30	269.50	7690.87	4.00S	1842.56W	1.56	1842.56	539302.25	515316.88
9324.00	88.90	269.50	7691.37	4.28S	1874.55W	1.25	1874.55	539270.26	515316.56
9356.00	89.20	269.50	7691.90	4.56S	1906.55W	0.94	1906.55	539238.27	515316.25
9420.00	90.40	270.20	7692.12	4.73S	1970.55W	2.17	1970.55	539174.28	515316.00
9484.00	91.10	270.20	7691.29	4.50S	2034.54W	1.09	2034.54	539110.29	515316.14
9516.00	91.10	270.60	7690.67	4.28S	2066.53W	1.25	2066.53	539078.30	515316.32
9580.00	91.60	270.60	7689.16	3.61S	2130.51W	0.78	2130.51	539014.33	515316.91
9610.00	91.70	270.20	7688.30	3.40S	2160.50W	1.37	2160.50	538984.34	515317.09
9642.00	91.70	270.20	7687.35	3.29S	2192.48W	0.00	2192.48	538952.36	515317.16
9706.00	91.90	270.60	7685.34	2.84S	2256.45W	0.70	2256.45	538888.40	515317.53
9770.00	92.30	270.20	7682.99	2.40S	2320.41W	0.88	2320.41	538824.45	515317.89
9801.00	92.20	270.60	7681.78	2.18S	2351.38W	1.33	2351.38	538793.47	515318.07
9833.00	92.10	270.20	7680.58	1.96S	2383.36W	1.29	2383.36	538761.50	515318.25
9898.00	92.40	270.20	7678.03	1.73S	2448.31W	0.46	2448.31	538696.56	515318.40
9930.00	92.50	270.20	7676.66	1.62S	2480.28W	0.31	2480.28	538664.59	515318.47
9962.00	92.40	270.20	7675.29	1.51S	2512.25W	0.31	2512.25	538632.62	515318.54
10026.00	92.40	270.60	7672.61	1.06S	2576.19W	0.62	2576.19	538568.68	515318.91
10058.00	92.30	270.60	7671.30	0.73S	2608.16W	0.31	2608.16	538536.71	515319.20
10089.00	92.20	270.60	7670.08	0.40S	2639.14W	0.32	2639.14	538505.74	515319.49
10121.00	92.30	270.60	7668.82	0.07S	2671.11W	0.31	2671.11	538473.77	515319.78
10153.00	90.80	269.90	7667.96	0.07N	2703.10W	5.17	2703.10	538441.79	515319.88

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 3245.01 on azimuth 269.98 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 270.00 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

CONFIDENTIAL

POGO PRODUCING CO.
H.Buck State #3, slot #1
Pierce Crossing (Bone Springs), Eddy County New Mex

SURVEY LISTING Page 4
Your ref : MWD
Last revised : 17-May-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
10185.00	89.20	270.20	7667.96	0.10N 2735.09W	5.09	2735.09	538409.79	515319.87
10217.00	88.30	269.90	7668.66	0.13N 2767.09W	2.96	2767.09	538377.80	515319.86
10249.00	88.30	270.20	7669.61	0.16N 2799.07W	0.94	2799.07	538345.82	515319.85
10313.00	88.10	269.90	7671.62	0.21N 2863.04W	0.56	2863.04	538281.86	515319.82
10345.00	88.40	269.90	7672.59	0.16N 2895.03W	0.94	2895.03	538249.87	515319.73
10377.00	89.10	269.90	7673.29	0.10N 2927.02W	2.19	2927.02	538217.89	515319.63
10440.00	90.00	269.90	7673.79	0.01S 2990.02W	1.43	2990.02	538154.89	515319.44
10502.00	89.70	269.50	7673.95	0.33S 3052.01W	0.81	3052.01	538092.90	515319.04
10566.00	89.60	269.90	7674.34	0.67S 3116.01W	0.64	3116.01	538028.91	515318.63
10598.00	89.60	269.50	7674.56	0.84S 3148.01W	1.25	3148.01	537996.91	515318.42
10630.00	89.60	269.90	7674.79	1.00S 3180.01W	1.25	3180.01	537964.92	515318.21
10695.00	89.80	269.50	7675.13	1.34S 3245.01W	0.69	3245.01	537899.93	515317.79

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All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 3245.01 on azimuth 269.98 degrees from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 270.00 degrees.
Grid is mercator - New Mexico East (3001).
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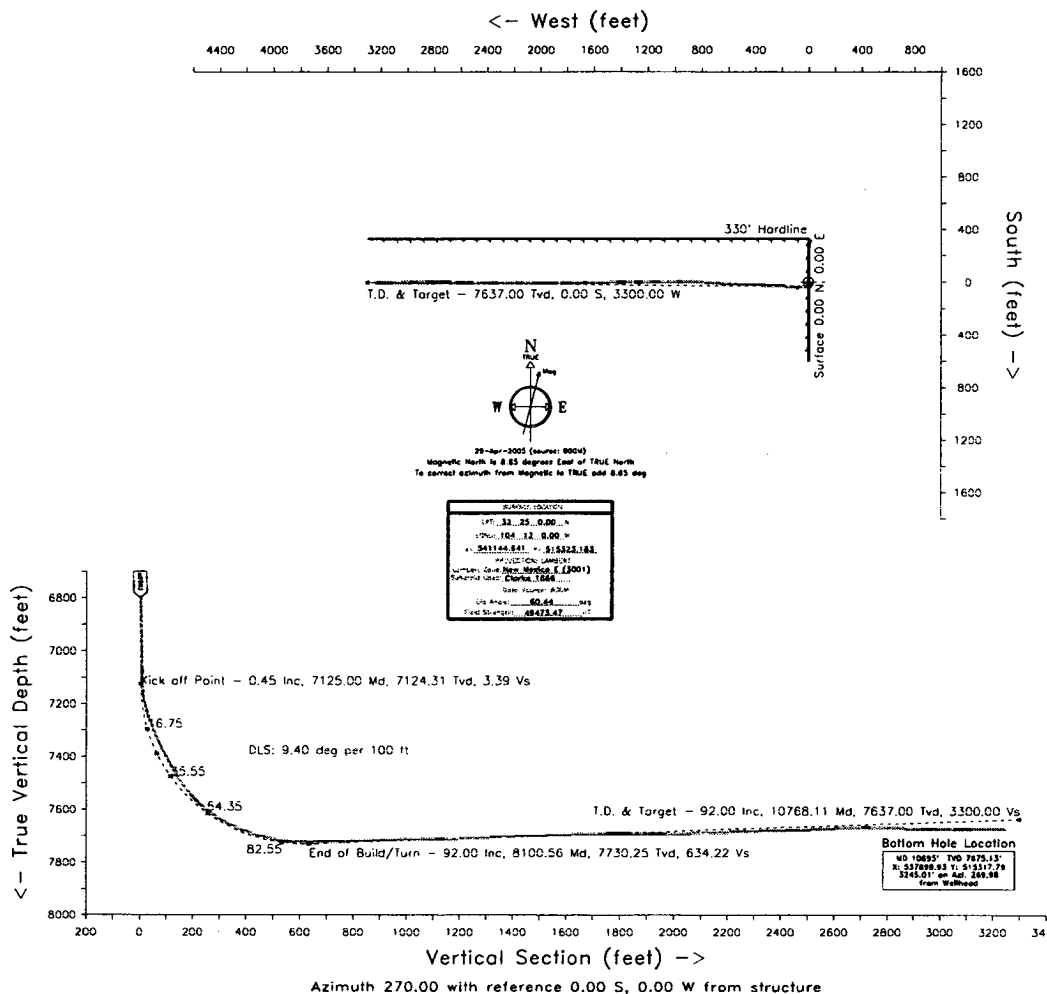
Structure : H.Buck State #3 Slot : slot #1
Field : Pierce Crossing (Bone Springs) Location : Eddy County New Mexico

Created by adrynm
Date plotted : 17-May-2005
Plot Reference is Plan 2.
Coordinates are in feet reference structure.
True Vertical Depths are reference structure.

--- Baker Hughes INTEQ ---

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	6351.00	0.45	222.54	6350.33	-25.27	0.72	-0.72	0.00
KOP	7125.00	0.45	222.54	7124.31	-29.75	-3.39	3.39	0.00
End of Build/Turn	8100.56	92.00	270.58	7730.25	-27.02	-634.22	634.22	9.40
T.D. & Target TD	10768.11	92.00	270.58	7637.00	0.00	-3300.00	3300.00	0.00



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