

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-32618
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>RECEIVED</u>	7. Lease Name or Unit Agreement Name Harroun 10			
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. 4			
2. Name of Operator Pogo Producing Company	9. Pool name or Wildcat Pierce Crossing Bone Spring			
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340				
4. Well Location Unit Letter <u>K</u> : <u>2250</u> Feet From The <u>South</u> Line and <u>2250</u> Feet From The <u>West</u> Line Section <u>10</u> Township <u>24S</u> Range <u>29E</u> NMPM <u>Eddy</u> County				
10. Date Spudded 11/05/03	11. Date T.D. Reached 11/19/03	12. Date Compl. (Ready to Prod.) 12/27/03	13. Elevations (DF & RKB, RT, GR, etc.) 2967	14. Elev. Casinghead 2968
15. Total Depth 8000	16. Plug Back T.D. 7953	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-8000	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Bone Spring 7794-7820				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run				22. Was Well Cored No

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	572	17-1/2	800 sks	
8-5/8	32	2852	11	850 sks	
5-1/2	17 & 15.5	8000	7-7/8	1550 sks	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	7700	

26. Perforation record (interval, size, and number) Bone Spring (2 spf)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 7794-7820 AMOUNT AND KIND MATERIAL USED Acidz w/ 1258 gals 15% acid Frac w/ 70,000# 16/30 TLC + 40,000# 16/30 SIC
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28. PRODUCTION							
Date First Production 12/28/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 01/01/04	Hours Tested 24	Choke Size 16/64	Prod'n For Test Period	Oil - BbL. 172	Gas - MCF 673	Water - BbL. 74	Gas - Oil Ratio 3913:1
Flow Tubing Press. 875	Casing Pressure 1350	Calculated 24-Hour Rate	Oil - BbL. 172	Gas - MCF 673	Water - BbL. 74	Oil Gravity - API - (Corr.) 45.1	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Jack Burnett	

30. List Attachments C-104, C-102, Sundry, Deviation Survey, Logs
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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 <u>Cathy Wright</u>	Printed Name Cathy Wright	Title Sr Oper Tech	Date 01/09/04

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. 3, from to
No. 2, 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
		2970	Delaware Lime				
		2998	Bell Canyon				
		3847	Cherry Canyon				
		5068	Brushy Canyon				
		6747	Bone Spring				

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32618	Pool Code 96473	Pool Name Pierce Crossing Bone Spring
Property Code 23616	Property Name HARROUN 10	Well Number 4
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2967'

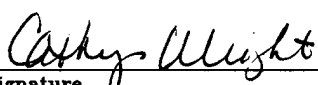
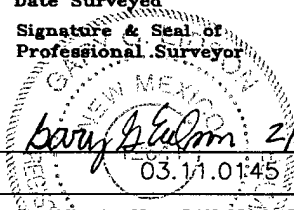
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	24-S	29-E		2250	SOUTH	2250	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	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

<div>RECEIVED JAN 21 2004 OCD-ARTESIA</div>				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cathy Wright Printed Name Sr. Operation Tech Title 01/09/04 Date	
				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. JANUARY 31, 2003 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	
<div>2250'</div> <div>2250'</div> <div>GEODETIC COORDINATES NAD 27 NME Y = 447915.2 X = 611366.3 LAT. 32°13'51.32"N LONG. 103°58'23.44"W</div>					

Pogo Producing Company
P.O. Box 10340
Midland, TX 79702-7340

Harroun 10 #4
Eddy County, New Mexico

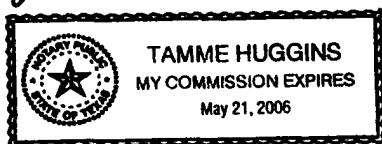
CONFIDENTIAL

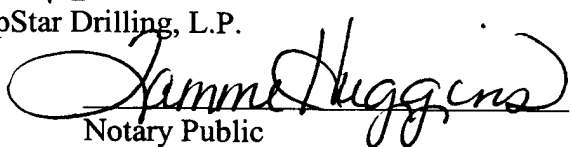
RECEIVED
JAN 1 2004
JAN 21 2004
MIDLAND OCD-ARTESIA

179	1.79	1/2	0.88	1.57	1.57
303	1.24	3/4	1.31	1.63	3.19
548	2.45	1/2	0.88	2.14	5.34
815	2.67	3/4	1.31	3.50	8.84
1060	2.45	3/4	1.31	3.22	12.06
1309	2.49	3/4	1.31	3.27	15.33
1560	2.51	1	1.75	4.39	19.72
1809	2.49	1	1.75	4.36	24.08
2061	2.52	1	1.75	4.41	28.49
2312	2.51	1	1.75	4.39	32.88
2558	2.46	1 1/4	2.19	5.38	38.26
2852	2.94	1 1/4	2.19	6.43	44.69
3106	2.54	1 3/4	3.06	7.78	52.47
3260	1.54	1	1.75	2.70	55.16
3509	2.49	1	1.75	4.36	59.52
3759	2.50	1 1/4	2.19	5.47	64.99
4010	2.51	1	1.75	4.39	69.38
4260	2.50	1	1.75	4.38	73.76
4511	2.51	3/4	1.31	3.29	77.05
4761	2.50	1	1.75	4.38	81.43
5264	5.03	1	1.75	8.80	90.23
5511	2.47	1 1/2	2.63	6.48	96.71
5760	2.49	1 1/4	2.19	5.45	102.16
6010	2.50	1	1.75	4.38	106.54
6290	2.80	1 3/4	3.06	8.58	115.11
6416	1.26	1 3/4	3.06	3.86	118.97
6640	2.24	2	3.50	7.84	126.81
6885	2.45	2	3.50	8.58	135.38
7130	2.45	1 3/4	3.06	7.50	142.89
7387	2.57	1 1/2	3	6.75	149.63
7635	2.48	2	4	8.68	158.31
8000	3.65	3/4	1	4.79	163.10


Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 16th day of January, 2003 by Michael Roghair - General Manager, CapStar Drilling, L.P.




Notary Public