

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. 30-015-32612
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K-851

7. Lease Name or Unit Agreement Name State 19 Com NOV - 7 2003 OCD-ARTESIA
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8. Well No. 2
9. Pool name or Wildcat Avalon Bone Spring, North

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
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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"/>
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2. Name of Operator Pogo Producing Company
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3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340
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4. Well Location Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line Section 19 Township 20S Range 27E NMPM Eddy County
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10. Date Spudded 08/06/03	11. Date T.D. Reached 09/22/03	12. Date Compl. (Ready to Prod.) 10/10/03	13. Elevations (DF & RKB, RT, GR, etc.) 3289	14. Elev. Casinghead 3290
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15. Total Depth 10,700	16. Plug Back T.D. 7500	17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By Rotary Tools 0-10,700	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name Bone Spring 5508-32	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run DLL/MLL, ZDL/CN	22. Was Well Cored No
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**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	450	17-1/2	1030 sks	
9-5/8	40, 43.5, 53.5	3000	12-1/4	975 sks	
7	29	8094	8-1/2	1000 sks	
		10,700	6-1/8		

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) 5508-5532 ( 2 spf )	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
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**28. PRODUCTION**

Date First Production 10/10/03	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
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Date of Test 10/12/03	Hours Tested 24	Choke Size 16/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 1670	Water - Bbl. 96	Gas - Oil Ratio ---
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Flow Tubing Press. 1150	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 1670	Water - Bbl. 96	Oil Gravity - API - (Corr.) --
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29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By David Thomas
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30. List Attachments C-102, C-104, Sundries, 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 Cathy Wright	Printed Name Cathy Wright	Title Sr Oper Tech	Date 11/03/03
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# 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 _____ 9711	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 _____ 736	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 994	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1866	T. Simpson _____	T. Gallup _____	T. Ignacio Oztte _____
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 _____ 5490	T. Entrada _____	T. _____
T. Abo _____	T. Morrow _____ 10238	T. Wingate _____	T. _____
T. Wolfcamp _____ 7933	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____ 8237	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

OPERATOR: POGO PRODUCING  
WELL/LEASE: STATE 19 COM 2  
COUNTY: EDDY

142-0019

RECEIVED

OCT 02 2003

STATE OF NEW MEXICO  
DEVIATION REPORT

MIDLAND

417	3/4	6,215	2
694	3/4	6,377	1 3/4
1,014	3/4	6,510	1
1,332	3/4	6,748	1
1,651	1/2	6,920	1 3/4
1,970	1	7,048	1
2,242	1	7,208	1
2,610	1 1/4	7,433	1 3/4
3,000	1 1/4	7,594	1 3/4
3,259	1 1/4	7,787	3/4
3,417	2	8,073	1
3,578	2 1/2	8,292	1
3,673	2 1/4	8,814	2 1/2
3,770	2 1/2	8,910	2 1/2
3,867	2 3/4	9,006	2 1/4
3,995	2	9,150	1 3/4
4,152	2 1/4	9,343	1 3/4
4,280	2	9,597	2
4,437	1 1/2	9,830	1 1/2
4,596	1 1/2	10,208	3/4
4,661	4 1/4	10,623	1 1/4
4,693	4 3/4		
4,725	4 3/4		
5,462	1		
5,577	1 1/2		
5,697	2 3/4		
5,800	2 1/4		
5,864	1 1/2		
5,961	1 3/4		
6,057	1 3/4		

CONFIDENTIAL

RECEIVED

NOV - 7 2003

OCD-ARTESIA

By:

*Steve Moore*

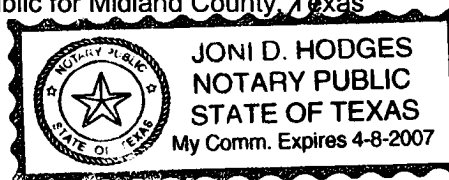
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 1st day of October, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

*Joni D. Hodges*  
Notary Public for Midland County, Texas



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-32612	<sup>2</sup> Pool Code 3712	<sup>3</sup> Pool Name <i>McMillan Escarpment Bone Spring</i> <del>Avaton Bone Spring, North</del>
<sup>4</sup> Property Code 31922	<sup>5</sup> Property Name State 19 Com	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 017891	<sup>8</sup> Operator Name Pogo Producing Company	<sup>9</sup> Elevation 3289

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	19	20S	27E		1980	South	660	West	Eddy

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>				<b>RECEIVED</b> NOV 19 2003 <b>OCD-ARTESIA</b>	<b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Cathy Wright</i> Signature Cathy Wright Printed Name Sr. Operation Tech Title 11/18/03 Date
					<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
<i>-660--o</i>					
<i>1980</i>					