

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
March 4, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

AUG 30 2004

OCD-ARTESIA

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pogo Producing Company P.O. Box 10340, Midland, TX 79702-7340		² OGRID Number 017891
		³ API Number 30 - 15-31432
⁴ Property Code 26857	⁵ Property Name State "W"	⁶ Well No. 2

⁷ Surface Location

UL or lot no. M	Section 3	Township 23	Range 26	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line West	County Eddy
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⁸ Proposed 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
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⁹ Proposed Pool 1 Unders. Frontier Hills; Strawn	¹⁰ Proposed Pool 2
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Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Depth to ground water				Distance from nearest fresh water well			Distance from nearest surface water		
¹¹ Work Type Code P		¹² Well Type Code G		¹³ Cable/Rotary		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 3312'	
¹⁶ Multiple No		¹⁷ Proposed Depth		¹⁸ Formation Strawn		¹⁹ Contractor		²⁰ Spud Date When approved	

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	72	500	625 sks	
12-1/4	9-5/8	40	2500	1000 sks	
8-1/2	7	29	9765	2120 sks	
6-1/8	5 liner	18	12000	355 sks	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Attached.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature:

Cathy Wright

Printed name: Cathy Wright

Title: Sr. Engineering Tech

E-mail Address: wrightc@pogoproducing.com

Date: 08/27/04

Phone: 432-685-8100

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date: SEP 01 2004

Expiration Date:

SEP 01 2005

Conditions of Approval:

Attached ☐

Pogo Producing Company
State "W" #2
M/3/T23S/R26E
Eddy County, NM
30-015-31432

Pogo Producing Company plans to plugback from the Morrow to the Strawn in the above captioned well using the following procedure.

1. Set CIBP @ 11,450. Dump 50' cmt on CIBP. Perf Strawn 10,506-22 & 10,412-20 w/ 1 spf.
2. Acdz w/ 1000 gals 15% acid.
3. Frac as directed.
4. Perf Strawn 10,308-36 w/ 2 spf.
5. Set RBP & acdz perms w/ 1500 gals 15% acid.
6. Swab test & evaluate for frac.
7. Flow test to evaluate.

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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 30-015-31432	² Pool Code 74120	³ Pool Name Carlsbad South Strawn
⁴ Property Code 26857	⁵ Property Name State "W"	⁶ Well Number 2
⁷ OGRID No. 017891	⁸ Operator Name Pogo Producing Company	⁹ Elevation 3312

¹⁰ Surface Location

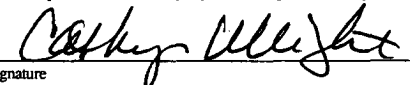
UL or lot no. M	Section 3	Township 23	Range 26	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line West	County Eddy
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cathy Wright Printed Name Sr. Engineering Tech Title and E-mail Address 08/27/04 Date
660' - - 1,099 - 0				18 SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number