

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
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

RECEIVED

APR 27 2006

COUL-ART-001

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 Property Code 30 -	³ Property Name Lakewood 11	³ APL Number 015-2c181
⁹ Proposed Pool 1 Lake McMillan Wolfcamp, NW (97463)		¹⁰ Proposed Pool 2 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	19S	26E		1980	South	660	West	Eddy

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

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3309
¹⁶ Multiple No	¹⁷ Proposed Depth 8000'	¹⁸ Formation Wolfcamp	¹⁹ Contractor When approved	²⁰ Spud Date When approved
Depth to Groundwater greater than 50, less than 100		Distance from nearest fresh water well +3 miles		Distance from nearest surface water +1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 8500 bbls Closed-Loop System <input type="checkbox"/> Drilling Method: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	48	233	300	
12-1/4	9-5/8	36	1983	1600	
8-3/4	5-1/2	17	9667	1175	

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 ☐.

Printed name: Cathy Wright
Title: Sr. Eng Tech
E-mail Address: wrightc@pogoproducing.com
Date: 4/26/06 Phone: 432-685-8144

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

DISTRICT II GEOLOGIST

Approval Date: APR 28 2006

Expiration Date: APR 28 2007

Conditions of Approval Attached ☐

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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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 97463	³ Pool Name Lake McMillan Wolfcamp, NM
⁴ Property Code	⁵ Property Name Lakewood 11	⁶ Well Number 11
⁷ OGRID No. 017891	⁸ Operator Name Pogo Producing Company	⁹ Elevation 3309'

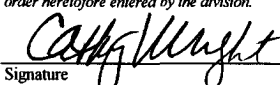
¹⁰ Surface Location

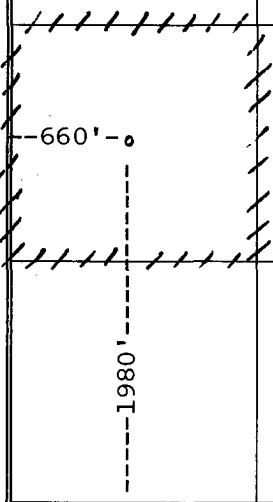
UL or lot no. L	Section 11	Township 19S	Range 26E	Lot Idn	Feet from the 1980	North/South line south	Feet from the 660	East/West line west	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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>  Signature Date 4/26/06 Cathy Wright Printed Name
				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



Pogo Producing Company
Lakewood 11 #1
1980' FSL & 660' FWL
Section 11, T19S, R26E
Eddy County, NM

This well, formally known as the Nix #1, was drilled by Kerr-McGee in 1969 and plugged in May 1970.

Pogo Producing Company respectfully request permission to re-enter the above captioned well and attempted a completion in the Wolfcamp using the following procedure.

1. Locate 9-5/8" csg. Weld on "A" section. Install cellar. Dig pits & prepare location.
2. MIRU rotary tools. NU BOP's. PU 7-7/8" bit & BHA. Drill out surface plugs and continue in hole drilling out plugs to stub plug top @ $\pm 4959'$. Stub @ 5001'.
3. POH. PU 7-7/8" bit & motor. Time drill off plug for side track. Spot kick off plug if top of plug is not thick enough.
4. POH. LD motor. PU drilling assembly. TIH. Ream KOP & start drilling conventional.
5. Cont drilling to TD $\pm 8000'$. Condition hole. POH to log.
6. Log well. TIH. POH LD pile. RU & run 5-1/2" csg.
7. Cmt 5-1/2" csg. RD & MO rotary tools.
8. MIRU completion unit. Complete well as per recommendations in Wolfcamp formation.
9. RU & swab test WC. Acdz if necessary.
10. RU pumping equipment & battery.

LAKEWOOD 11 #1
well bore diagram

Kern McFee
well drilled & completed May 1969
well plugged in May 1970

13 3/8 CSG CMT'D WITH
300 sks "Circ"

Elev. 3309.3 GL

13 3/8 48# CASING @ 233'

40 SK CMT PLUG 550' - 450'

9 5/8" CSG CMT'D WITH
1600 SKS "C" CIRC TO SURF

9 5/8" 36# @1983'

75SK PLUG FROM 1651' TO 1540' TAGGED

45 SK PLUG FROM 2033' - 1933'

45 SK PLUG FROM 2725' - 2625'

45 SK PLUG FROM 4250 - 4150'

30 SK PLUG FROM 5059' TO 4959'
TOP OF CASING @ 5001'. SHOT OFF.

5 1/2" CASING CEMENTED W/
1175 SKS

MORROW PERFS @ 9440' - 9458'

5 1/2" 17# CASING @ 9667'