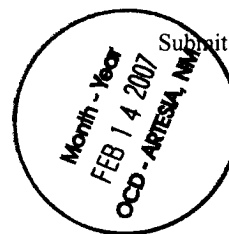


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-1
May 27, 2

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



Submit to appropriate District Of

☐ AMENDED REPO

**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 30-015-31365

³ Property Code 26694	⁵ Property Name Davis "18"	⁶ Well No. 1
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⁸ Proposed Pool 1 WC; Upper P. no.	¹⁰ Proposed Pool 2
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⁷ Surface Location									
UL or lot no. D	Section 18	Township 20S	Range 27E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line West	County 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 P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3334'
¹⁶ Multiple No	¹⁷ Proposed Depth PBD 10,200'	¹⁸ Formation Cisco	¹⁹ Contractor	²⁰ Spud Date When approved
Depth to Groundwater 100'+		Distance from nearest fresh water well 1000'+		Distance from nearest surface water 1000'+
Pit: Liner: Synthetic ☐ _____mils thick Clay ☐ Pit Volume: _____bbls		Drilling Method: Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐		
Closed-Loop System ☐				

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	61# & 48#	515	625	Surface
12-1/4	9-5/8	43.5#, 47# & 53.5#	2915	975	Surface
8-1/2	5-1/2	17#	10,550	2200	Surface

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.

Pogo Producing Company respectfully request permission to plugback from the Morrow to the Cisco using the following procedure:

1. POH w/ rods, pump & tbq.
2. Set CIBP @ ±10,200'. Cap w/ 50' cmt.
3. Perf Cisco 8832-44 w/ 2 spf.
4. Acdz.
5. Put well on production.

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. Eng Tech

E-mail Address: wrightc@pogoproducing.com

Date: 02/12/07

Phone: 432-685-8100

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date **FEB 27 2007**

Expiration Date **FEB 28 2008**

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 30-015-31365	² Pool Code 96072	³ Pool Name WC; Upper Penn
⁴ Property Code 26694	⁵ Property Name DAVIS "18"	⁶ Well Number 1
⁷ OGRID No. 017891	⁸ Operator Name POGO PRODUCING COMPANY	⁹ Elevation 3334

¹⁰ Surface Location

UL or lot no. LOT 1	Section 18	Township 20S	Range 27E	Lot Idn	Feet from the 660	North/South line NORTH	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
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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.

	¹⁷ OPERATOR CERTIFICATION 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. Signature: <i>Cathy Wright</i> Date: 02/27/07 CATHY WRIGHT Printed Name
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	TH #
10,225.00	10,270.00	Morrow	A	5/24/2005		1	18
18 HOLES							
10,296.00	10,326.00	Morrow	TA	11/23/2000		3	90
TA 05/23/05							

Wellbore Schematic (From Surface to TD)

Printed: 2/12/2007

Davis 18 # 1

Acct #: 5100

API # 3001531365

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
10,285.00	10,286.00	CIBP	5.500	Yes	5/23/2005
10,320.00	10,335.00	Pkr	5.500	Yes	5/20/2005
27/8 X 5.5 GUIBERSONNN UNI VI					
10,326.00	10,327.00	CIBP	5.500	Yes	5/21/2005
10,450.00	10,522.00	Junk	4.000	Yes	11/26/2000
TCP GUNS					
10,504.00	10,550.00	FC	5.500	Yes	11/14/2000
SHOE JT.					

Tubing String 1

Date Ran: 6/24/2005

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tbg Sect 1	324	2.8750	6.50	L80	9,932.92	13.99	9,946.91
Tbg Anchor	1	5.5000	17.00		2.75	9,946.91	9,949.66
Tbg Sect 2	6	2.8750	6.50	N80	181.81	9,949.66	10,131.47
Stg Nipple	1	2.8750			1.10	10,131.47	10,132.57
Prf Nipple	1	2.8750	6.50		2.30	10,132.57	10,134.87
Slotted M A	1	3.0000			31.60	10,134.87	10,166.47
Tbg Sect 3	2	2.8750	6.50	N80	63.30	10,166.47	10,229.77
Bull Plug	1	2.8750			0.80	10,229.77	10,230.57

Rod String 1

Date Ran: 6/24/2005

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Pol Rd	1	1.5000		SS	26.00	0.00	26.00
Rod Sect 1	1	1.0000	Full	D	4.00	26.00	30.00
Rod Sect 2	107	1.0000	Full	D	2,675.00	30.00	2,705.00
Rod Sect 3	124	0.8750	Full	D	3,100.00	2,705.00	5,805.00
Rod Sect 4	169	0.7500	Full	D	4,225.00	5,805.00	10,030.00
Rod Sect 5	4	1.0000	Full	D	100.00	10,030.00	10,130.00
Rod Sect 6	1	0.7500	Full		2.00	10,130.00	10,132.00
Pump	1	1.2500			24.00	10,132.00	10,156.00
Gas Anchor	1	0.7500			16.00	10,156.00	10,172.00
Sand Screen	1	1.0000			235.00	10,172.00	10,407.00