

1023 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy Minerals and Natural Resources

Oil Conservation Division

2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-4345		OGRID Number 17891
Property Code 26694	Property Name DAVIS "18"	API Number 30-015-31610
		Well No. 2

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
L	18	20S	27E		1819	South	747	West	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 McMILLIAN - MORROW (81240)	Proposed Pool 2
---	-----------------

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Well Type Code P	Ground Level Elevation 3299'
Multiple NO	Proposed Depth 10,500'	Formation MORROW	Character UNKNOWN	Spud Date WHEN APPROVED

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	SURFACE
17 1/2"	13 3/8"	48	500'	650 Sx.	SURFACE
12 1/4"	9 5/8"	40.5	3000'	1200 Sx.	SURFACE
* 8 1/2" 6 1/8"	7" 5"	7"-26# 5"-18#	8500'	1300 Sx.	TOC 2700'±
7 7/8"	5 1/2"	17 & 20	10,500'	1500 Sx.	TOC 2000'±

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" H-40 48# ST&C casing. Cement with 650 th Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 12 1/4" hole to 3000'. Run and set 3000' of 9 5/8" J-55 40.5# ST&C casing. Cement with 1200 Sx. of Class "C" cement + additives, Circulate cement to surface.
- * 4. Drill 8 1/2" hole to 8500'± if lost circulation becomes a problem that cannot be solved, run and set 7" casing through the lost circulation zones (8500'±). Cement 7" casing with 1000 Sx. of Class "C" cement + additives, estimate top of cement 2000' from surface. Drill out with a 6 1/8" bit to TD (10,500') and run a 5" 18# N-80 from TD to 200' up into the 7" casing. Cement with 300 Sx. of Class "H" cement.
5. If no lost circulation is not a problem on reaching 8500' reduce hole to 7 7/8" and drill to TD (10,500') Run and set 10,500' of 5 1/2" 17 & 20 # N-80 LT&C casing. Cement in 3 stages set DV tools at 8000'± and 6000'±. Cement first stage with 500 Sx. of Class "H" Premium cement, second stage cement with 450 Sx. of Class "C" cement + additives, cement third stage with 550 Sx. of Class "C" cement + additives, all cement volumes depend on caliper logs. Estimate top of final stage cement 2000' from surface.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Joe T. Janica

Title: Agent

Date: 02/09/01

Phone: 505-301-8502

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: FEB 15 2001

Expiration Date:

FEB 15 2002

Conditions of Approval:

915-685-8100 Connie

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

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

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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	Pool Code 81240	Pool Name McMillian-Morrow
Property Code 26694	Property Name DAVIS 18	Well Number 2
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3299'

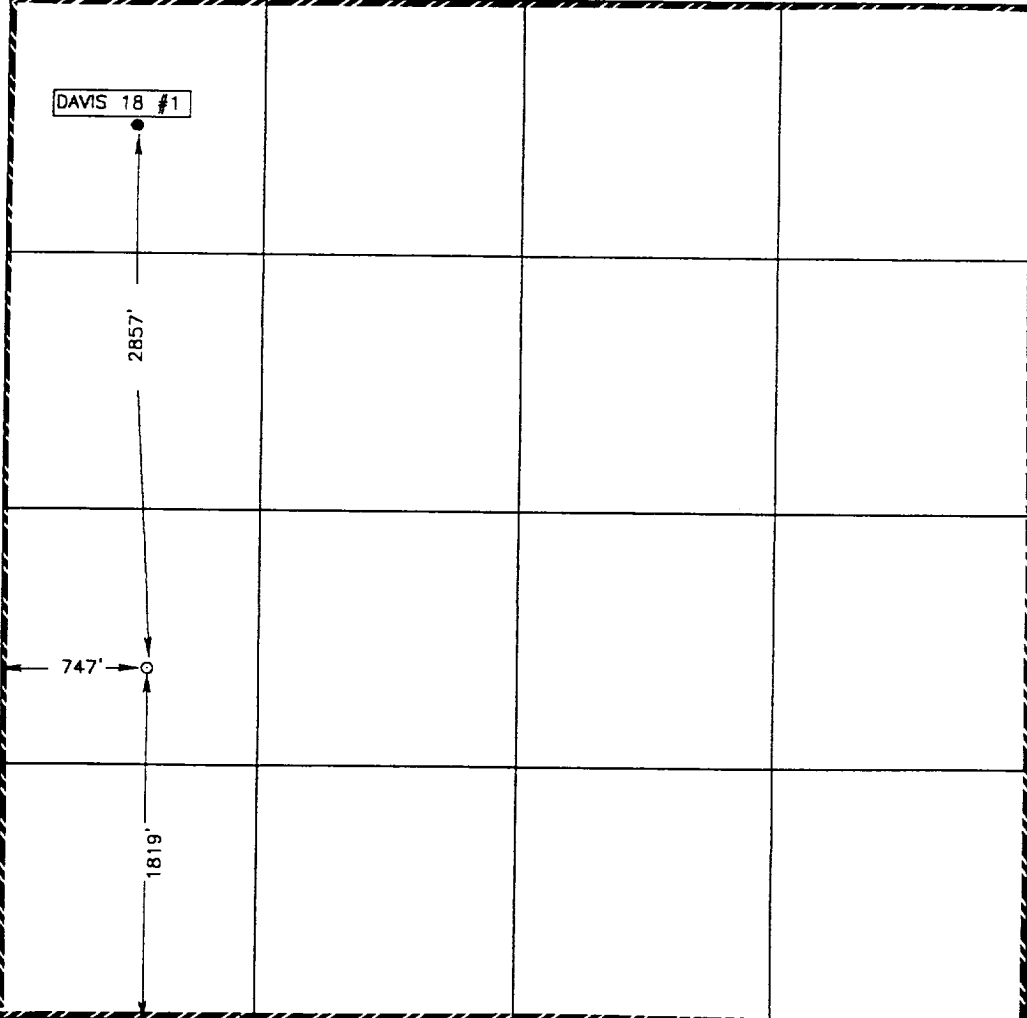
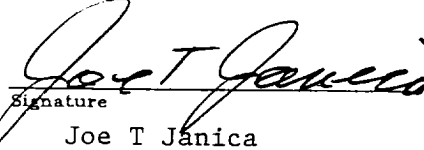
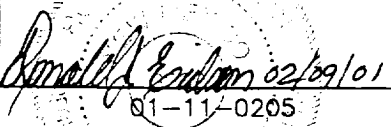
Surface Location

UL or lot No. L	Section 18	Township 20-S	Range 27-E	Lot Idn	Feet from the 1819	North/South line SOUTH	Feet from the 747	East/West line WEST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

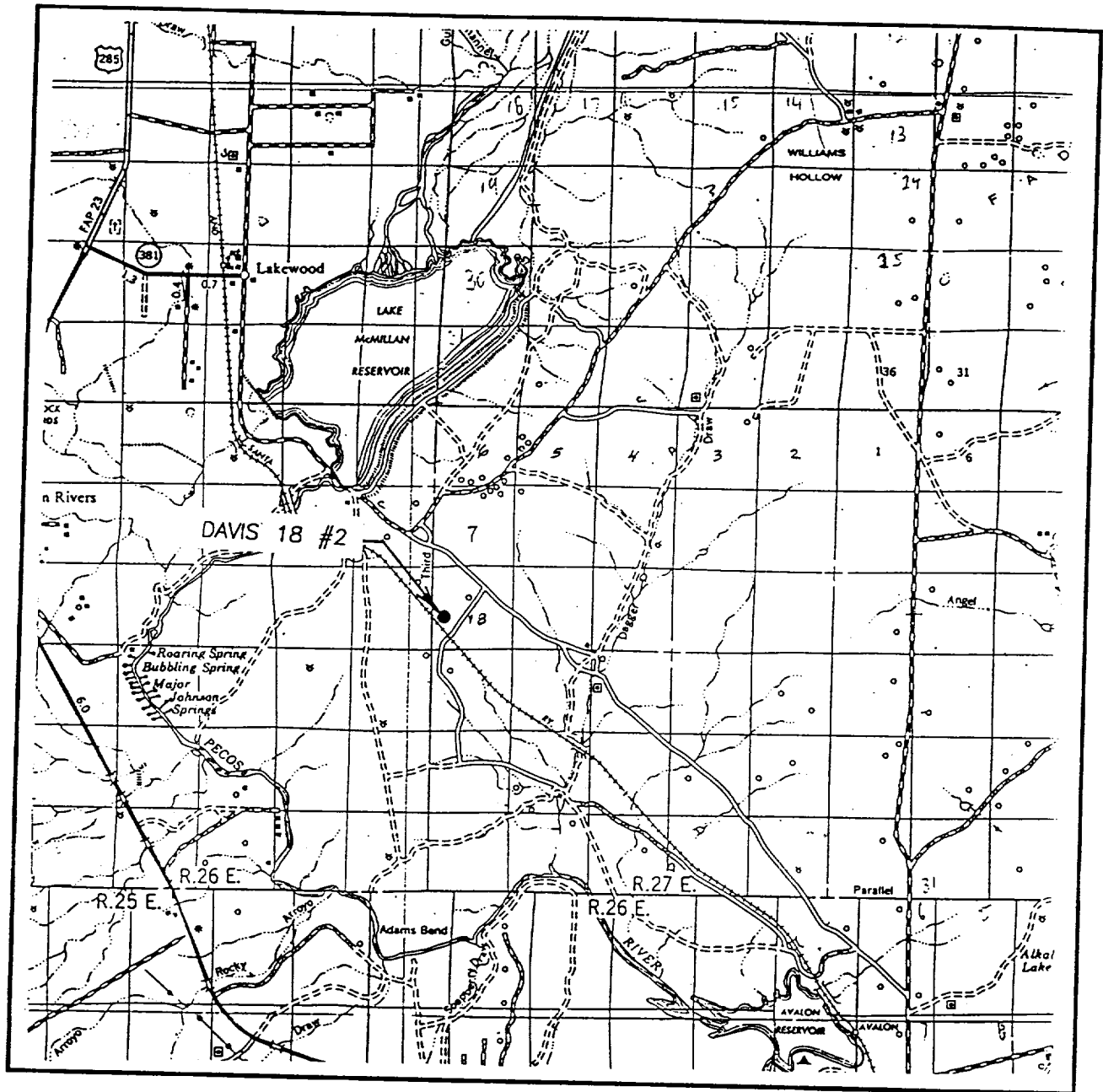
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 640	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Joe T Janica Printed Name Agent Title 02/09/01 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. FEBRUARY 7, 2001 Date Surveyed AWB Signature & Seal of Professional Surveyor  01-11-0265 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 18 TWP. 20-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1819'FSL & 747'FWL

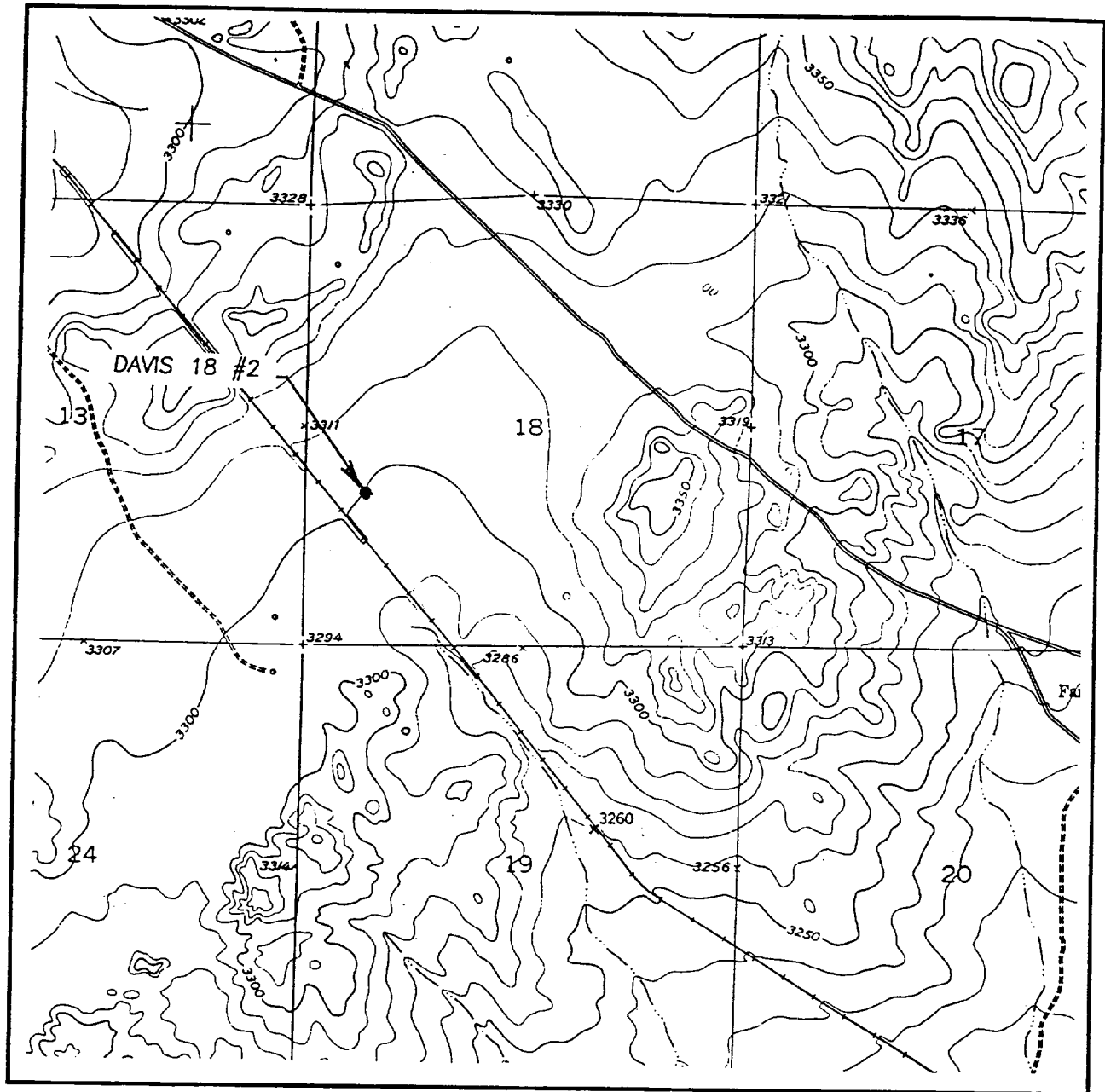
ELEVATION 3299'

OPERATOR POGO PRODUCING COMPANY

LEASE DAVIS 18

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

LAKE McMILLAN SOUTH, N.M.

SEC. 18 TWP. 20-S RGE. 27-E

SURVEY _____ N.M.P.M.

COUNTY _____ EDDY

DESCRIPTION 1819' FSL & 747' FWL

ELEVATION 3299'

OPERATOR POGO PRODUCING COMPANY

LEASE DAVIS 18

U.S.G.S. TOPOGRAPHIC MAP
LAKE McMILLAN SOUTH, N.M.

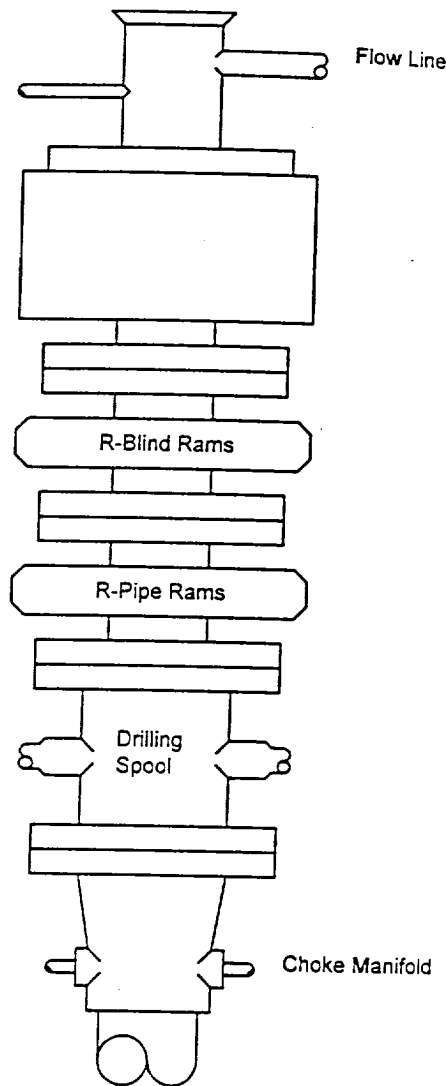
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

BLOWOUT PREVENTER SYSTEM

5000 PS

Fill Line

Flow Line



Type 900 Series
5000 psi WP

Choke Manifold Assembly for 5M WP System

