

*Resubmittal*

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  
Revised March 17, 1999

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

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**

<sup>1</sup> Operator Name and Address Pogo Producing Company P. O. Box 10340 Midland, TX 79702-7340		<sup>2</sup> OGRID Number 017891
<sup>3</sup> Property Code 34393		<sup>3</sup> API Number 30-015- <b>33706</b>
<sup>5</sup> Property Name Osage Com		<sup>6</sup> Well No. 2

<sup>7</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
4	18	20S	25E		1140'	South	1310'	West	Eddy

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 Cemetery Morrow (Gas) 74640	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3574'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 9900'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date When approved

<sup>21</sup> 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'	550 sks	Surface
11"	8-5/8"	32	2200'	600 sks	Surface
7-7/8"	5-1/2"	17	9900'	1000 sks	2000'±

<sup>22</sup> 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.

RECEIVED  
MAR 1 3 2006  
OCD-ARTESIA

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cathy Wright*  
Printed name: Cathy Wright

Title: Sr. Engineering Tech

Date: 03/10/06

Phone: 432-685-8100

OIL CONSERVATION DIVISION	
Approved by: <i>James W. Burns</i>	
Title: <i>District II Supervisor</i>	
Approval Date: <b>MAR 1 4 2006</b>	Expiration Date: <b>MAR 1 4 2007</b>
Conditions of Approval	
Attached <input type="checkbox"/>	NOTIFY OCD OF SPUD & TIME TO WITNESS CEMENTING OF SURFACE CASING

*INTERMEDIATE*

POGO PRODUCING COMPANY  
OSAGE COM. # 2  
UNIT "M" SECTION 18  
T20S-R25E EDDY CO. NM

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 550 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx. circulate cement to surface.
3. Drill 11" hole to 2200'. Run and set 2200' of 8 5/8" 32# J-55 ST&C casing. Cement with 600 Sx. of Class "C" cement ¼# Flocele/Sx. + other additives, circulate cement to surface.
4. Drill 7 7/8" hole to 9900'. Run and set 9900' of 5½" 17# L-80 LT&C casing. Cement in twl stages with DV Tool at 4500'±. Cement 1st stage with 650 Sx. of Class "H" Premium Plus cement + additives, cement 2nd stage with 350 Sx. of Class "C" cement + additives, estimate top of cement 2000' from surface.

State of New Mexico

Energy, Minerals and Natural Resources Department

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1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
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 74640	Pool Name CEMETARY-MORROW GAS
Property Code	Property Name OSAGE 18 FEDERAL	Well Number 2
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3574'

Surface Location

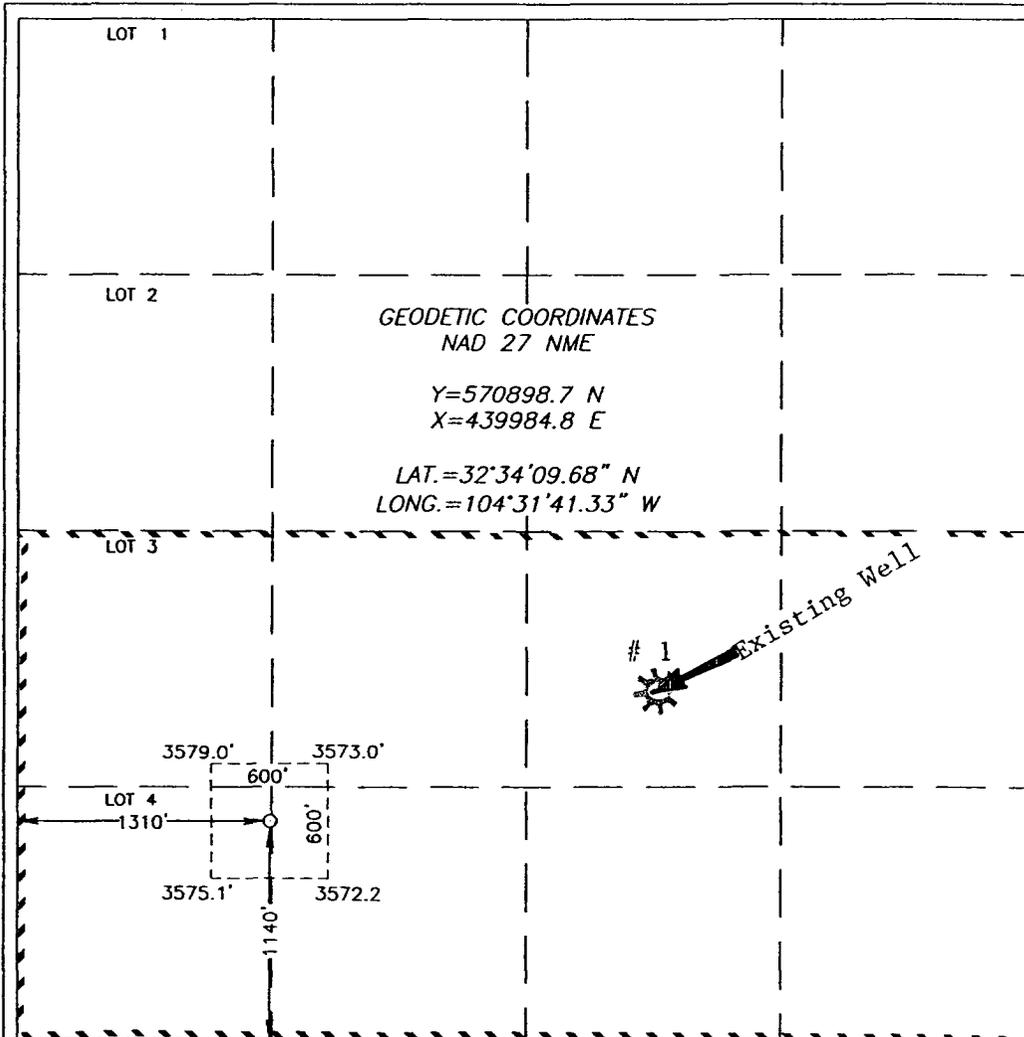
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	20-S	25-E		1140	SOUTH	1310	WEST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
320			

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 that the information contained herein is true and complete to the best of my knowledge and belief.

*Joe T. Janica*  
Signature

Joe T. Janica  
Printed Name

Agent  
Title

10/28/04  
Date

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**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.

SEPTEMBER 9, 2004

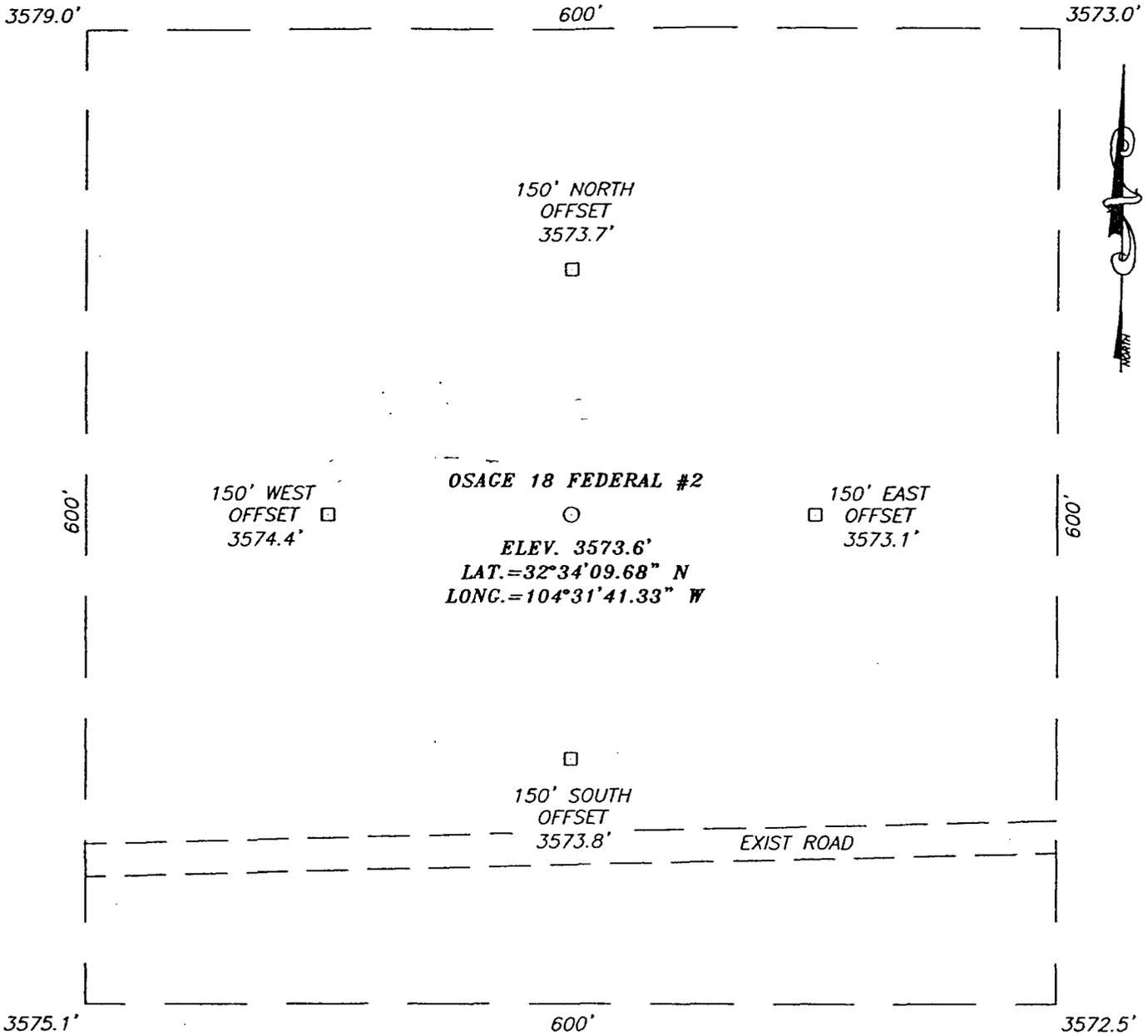
Date Surveyed \_\_\_\_\_ JR

Signature & Seal of Professional Surveyor

*Gary K. Eason* 9/11/04  
04.11.1166

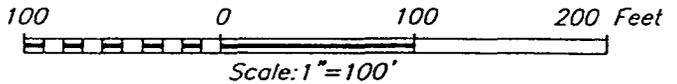
Certificate No. GARY EASON 12841

**SECTION 18, TOWNSHIP 20 SOUTH, RANGE 5 EAST, N.M.P.M.,**  
 EDDY COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

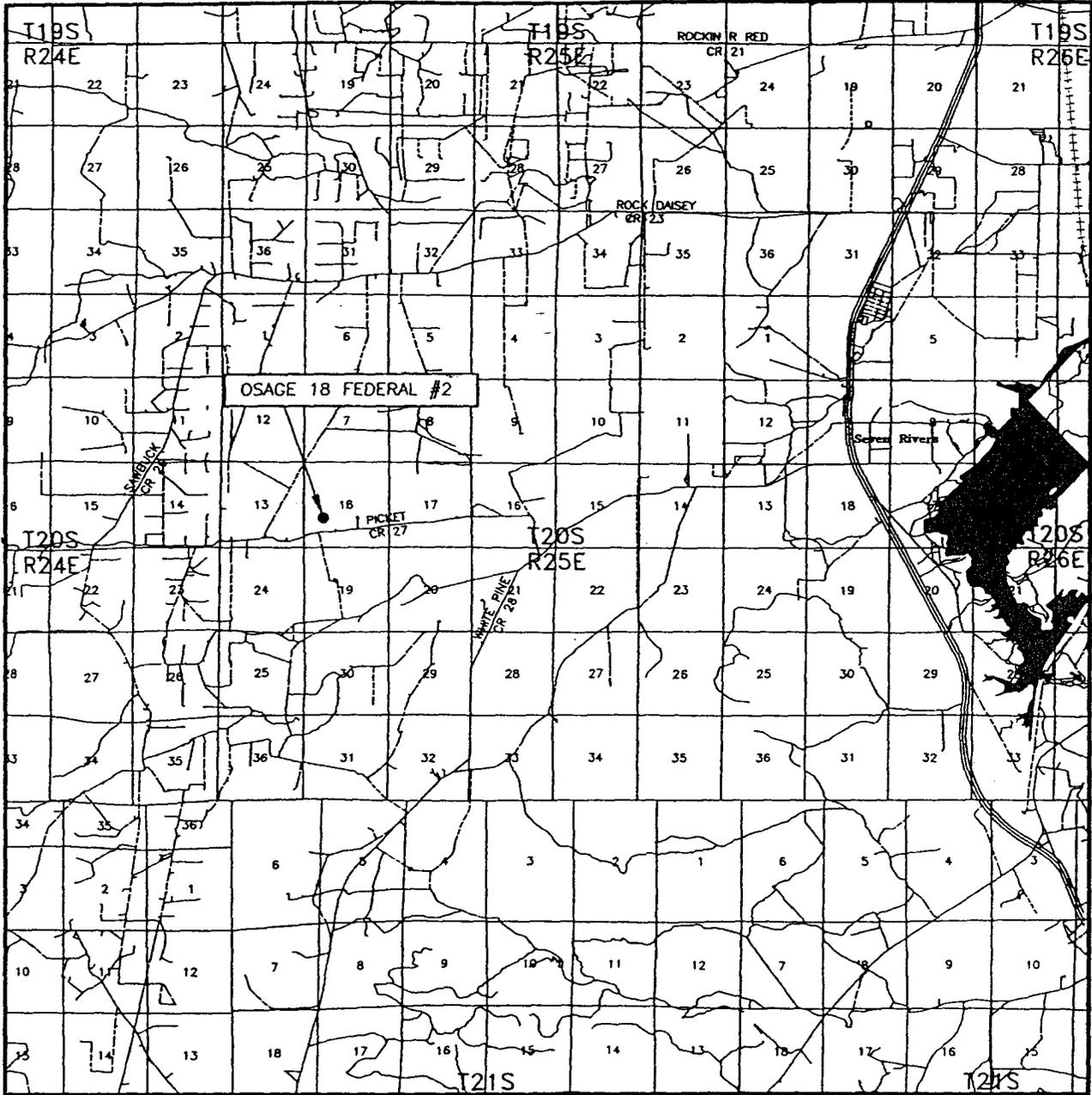
FROM THE INTERSECTION OF U.S. HWY #285 AND CO. RD. #28 (WHITE PINE RD.) GO WEST ON CO. RD. #28 FOR APPROX. 4.0 MILES TO CO. RD. #27 (PICKETT RD.) TURN RIGHT (NORTH) ON CO. RD. #27 AND FOLLOW ROAD NORTH TO WEST. GO WEST APPROX. 2.8 MILES TO PROPOSED LOCATION



PROVIDING SURVEYING SERVICES  
 SINCE 1948  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 383-3117

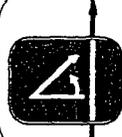
<b>POGO PRODUCING COMPANY</b>			
OSAGE 18 FEDERAL #2 WELL LOCATED 1140 FEET FROM THE SOUTH LINE AND 1310 FEET FROM THE WEST LINE OF SECTION 18, TOWNSHIP 20 SOUTH, RANGE 25 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.			
Survey Date: 09/9/04	Sheet 1 of 1 Sheets		
W.O. Number: 04.11.1166	Dr By: J.R.	Rev 1:N/A	
Date: 09/10/04	Disk: CD#10	04111166	Scale: 1"=100'

# VICINITY MAP



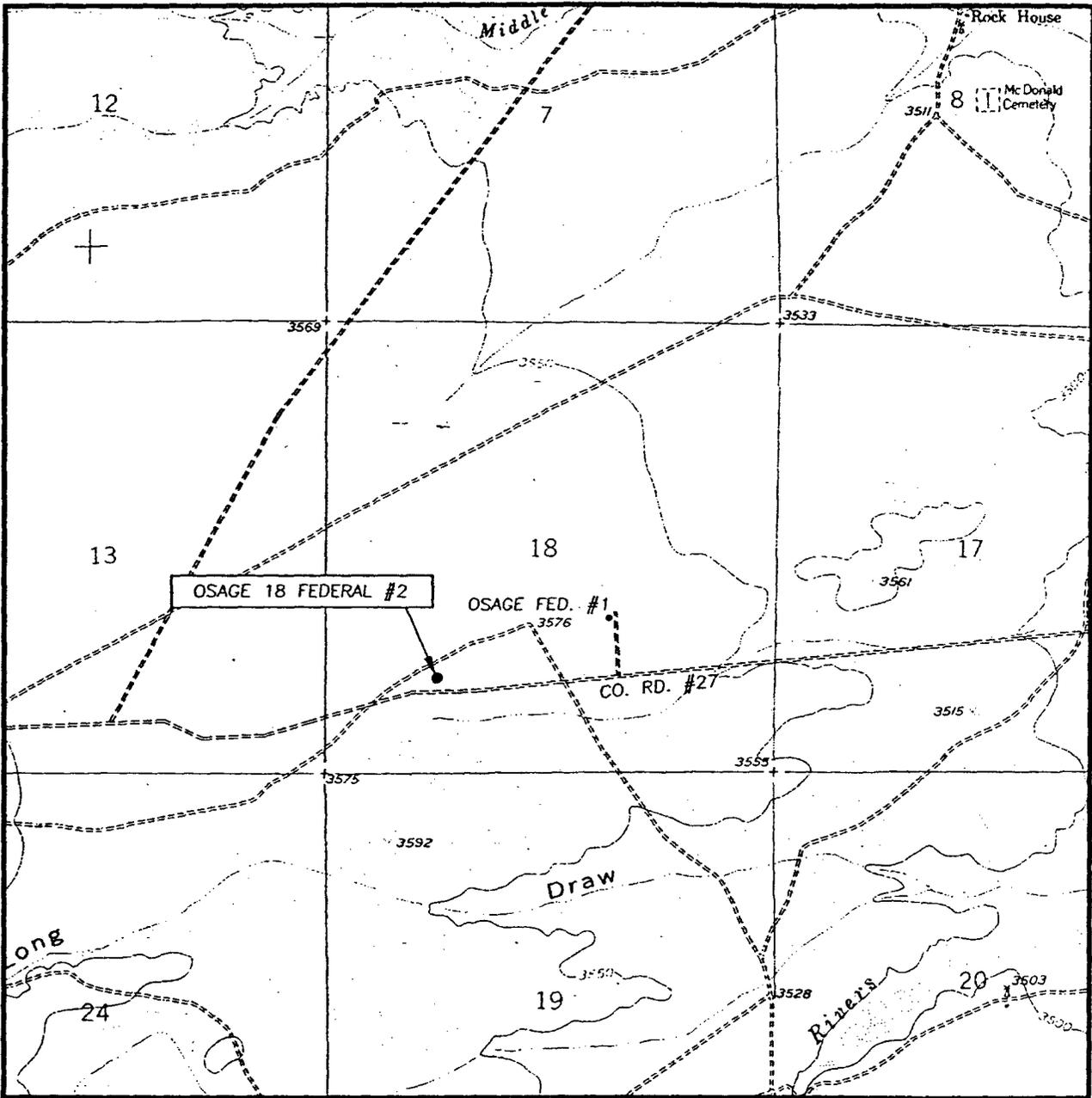
SCALE: 1" = 2 MILES

SEC. 18 TWP. 20-S RGE. 25-E  
 SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_  
 COUNTY \_\_\_\_\_ EDDY \_\_\_\_\_  
 DESCRIPTION 1140' FSL & 1310' FWL  
 ELEVATION \_\_\_\_\_ 3574' \_\_\_\_\_  
 OPERATOR \_\_\_\_\_ POGO \_\_\_\_\_  
 LEASE \_\_\_\_\_ PRODUCING COMPANY \_\_\_\_\_  
 LEASE \_\_\_\_\_ OSAGE 18 FEDERAL \_\_\_\_\_



PROVIDING SURVEYING SERVICES  
 SINCE 1948  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 383-3117

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
FOSTER RANCH, N.M. - 10'

SEC. 18 TWP. 20-S RGE. 25-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1140' FSL & 1310' FWL

ELEVATION 3574'

OPERATOR POGO PRODUCING COMPANY

LEASE OSAGE 18 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP  
FOSTER RANCH, N.M.



**PROVIDING SURVEYING SERVICES**  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 383-3117

H<sub>2</sub>S CONTINGEMCY PLAN FOR

POGO PRODUCING COMPANY  
OSAGE COM. # 2  
UNIT "M" SECTION 18  
T20S-R25E EDDY CO. NM

There is no known presence of and H<sub>2</sub>S in the area near or around this proposed well. Other wells drilled in T20S-R25E have not encountered any H<sub>2</sub>S while drilling.

There are no dwellings located within 2 miles of this well location, Co Road 27 (Picket Road) is South of location approximately 180'. Warning signs will be placed at the access road leading to the location.

Should there be any indication of the presence of H<sub>2</sub>S detection and safety equipment will be immediately installed and proper authorities will be notified. Admittancs to the location will be restricted to only the necessary personel.

Ataached is a list of telephone numbers of all personel that should be contacted.

If at this time the supervising person determines the release of H2S cannot be contained to the site location and the general public is in harms way he will take the necessary steps to protect the workers and the public.

**EMERGENCY CALL LIST: ( Start and continue until ONE of these people have been contacted)**

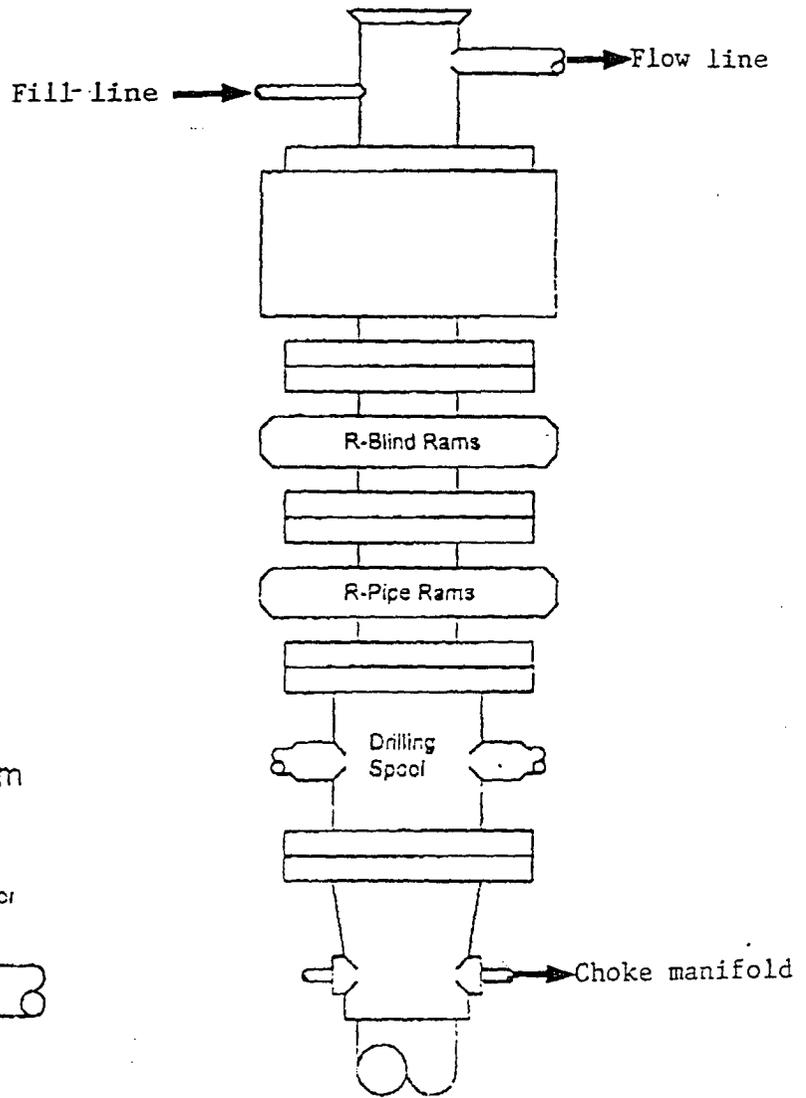
	<u>OFFICE</u>	<u>MOBILE</u>	<u>HOME</u>
POGO Producing Co.	432 685 8100		
Richard Wright	432 685 8140	432 556 7595	432 699 7108
Barrett Smith	432 685 8141	432 425 0149	432 520 7337
Rex Jasper	432 685 8143	432 631 0127	432 694 1839
Donny Davis	pgr 432 563 6944	432 556 5927	432 570 9555
Jerry Cooper	432 685 8101		432 697 4629

**EMERGENCY RESPONSE NUMBERS:**

State Police:	Eddy County		505 748 9718
State Police:	Lea County		505 392 5588
Sheriff	Eddy County		505 746 2701
Sheriff	Lea County		
Emergency Medical Ser (Ambulance)	Eddy County		911 or 505 746 2701
	Lea County	Eunice	911 or 505 394 3258
Emergency Response	Eddy County SERC		505 476 9620
	Lea County		
Artesia Police Dept			505 746 5001

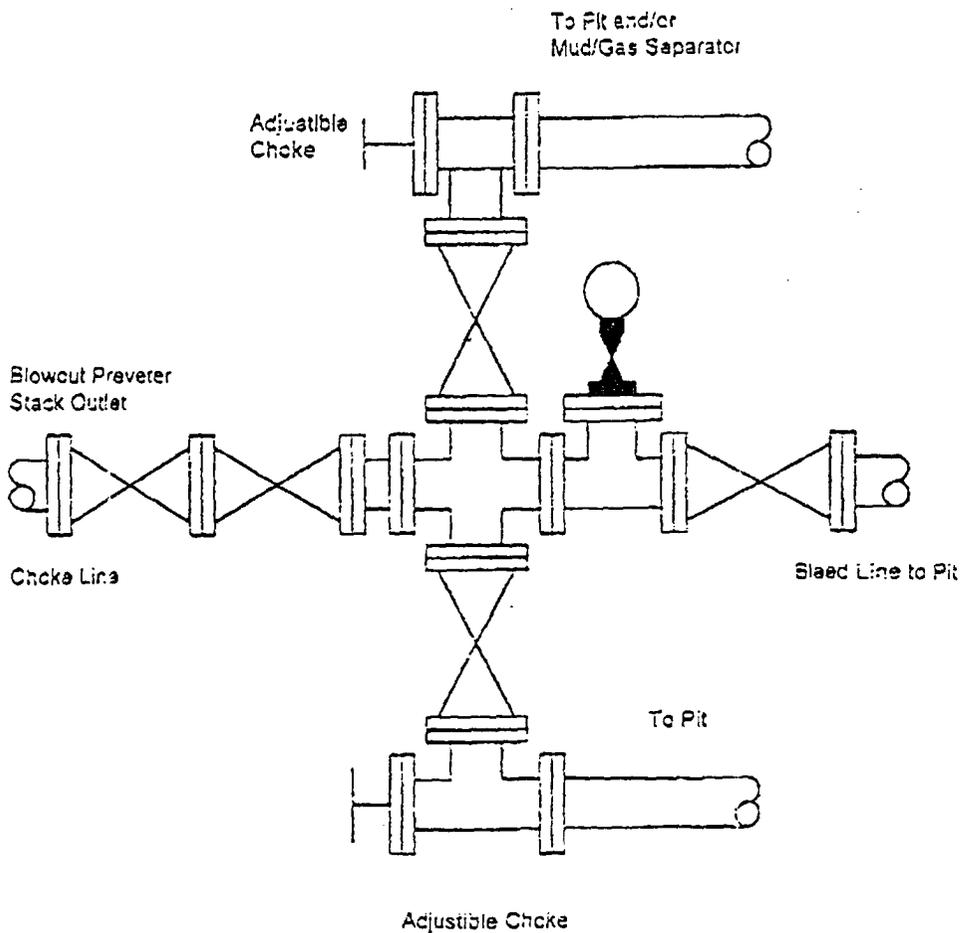
<b>Artesia Fire Dept</b>		<b>505 746 5001</b>
<b>Carlsbad Police Dept</b>		<b>505 885 2111</b>
<b>Carlsbad Fire Dept</b>		<b>505 885 3125</b>
<b>Loco Hills Police Dept</b>		<b>505 677 2349</b>
<b>Jal Police Dept</b>		<b>505 395 2501</b>
<b>Jal Fire Dept</b>		<b>505 395 2221</b>
<b>Jal ambulance</b>		<b>505 395 2221</b>
<b>Eunice Police Dept</b>		<b>505 394 0112</b>
<b>Eunice Fire Dept</b>		<b>505 394 3258</b>
<b>Eunice Ambulance</b>		<b>505 394 3258</b>
<b>Hobbs Police Dept</b>		
<b>NMOCD</b>	<b>District 1 (Lea, Roosevelt, Curry)</b>	<b>505 393 6161</b>
	<b>District 2 ( Eddy Chavez)</b>	<b>505 748 1283</b>
<b>Lea County Information</b>		<b>505 393 8203</b>
<b>Callaway Safety</b>	<b>Lea/Eddy County</b>	<b>505 392 2973</b>
<b>BJ Services</b>	<b>Artesia</b>	<b>505 746 3140</b>
	<b>Hobbs</b>	<b>505 392 5556</b>
<b>Halliburton</b>	<b>Artesia</b>	<b>1 800 523 2482</b>
	<b>Hobbs</b>	<b>1 800 523 2482</b>
<b>Wild Well Control</b>	<b>Midland</b>	<b>432 550 6202</b>
	<b>Mobile</b>	<b>432 553 1166</b>

# BLOWOUT PREVENTER SYSTEM



Type 900 Series  
3000 psi WP

Choke Manifold Assembly for 3M WP System



There is no known presence of  $H_2S$  in the area near or around this proposed well. Other wells in the area have not encountered any  $H_2S$  while drilling to TD. There are no dwellings within 2 miles of the proposed location.

Should there be any indication of the presence of  $H_2S$  while drilling this well  
 $H_2S$  set