

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

Resubmittal
State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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

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- 33706
³ Property Code 34393	⁵ Property Name Osage Com	⁶ Well No. 2

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
4	18	20S	25E		1140'	South	1310'	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

⁹ Proposed Pool 1

Cemetery Morrow (Gas) 74640

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3574'
¹⁶ Multiple No	¹⁷ Proposed Depth 9900'	¹⁸ Formation Morrow	¹⁹ Contractor Unknown	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
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'±

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.

RECEIVED

MAR 13 2006

OCD-ARTESIA

²³ 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:

Don W. Brown
District II Supervisor

Title:

Approval Date: MAR 14 2006

Expiration Date: MAR 14 2007

Conditions of Approval

Attached ☐

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.

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
1220 S. ST. FRANCES 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

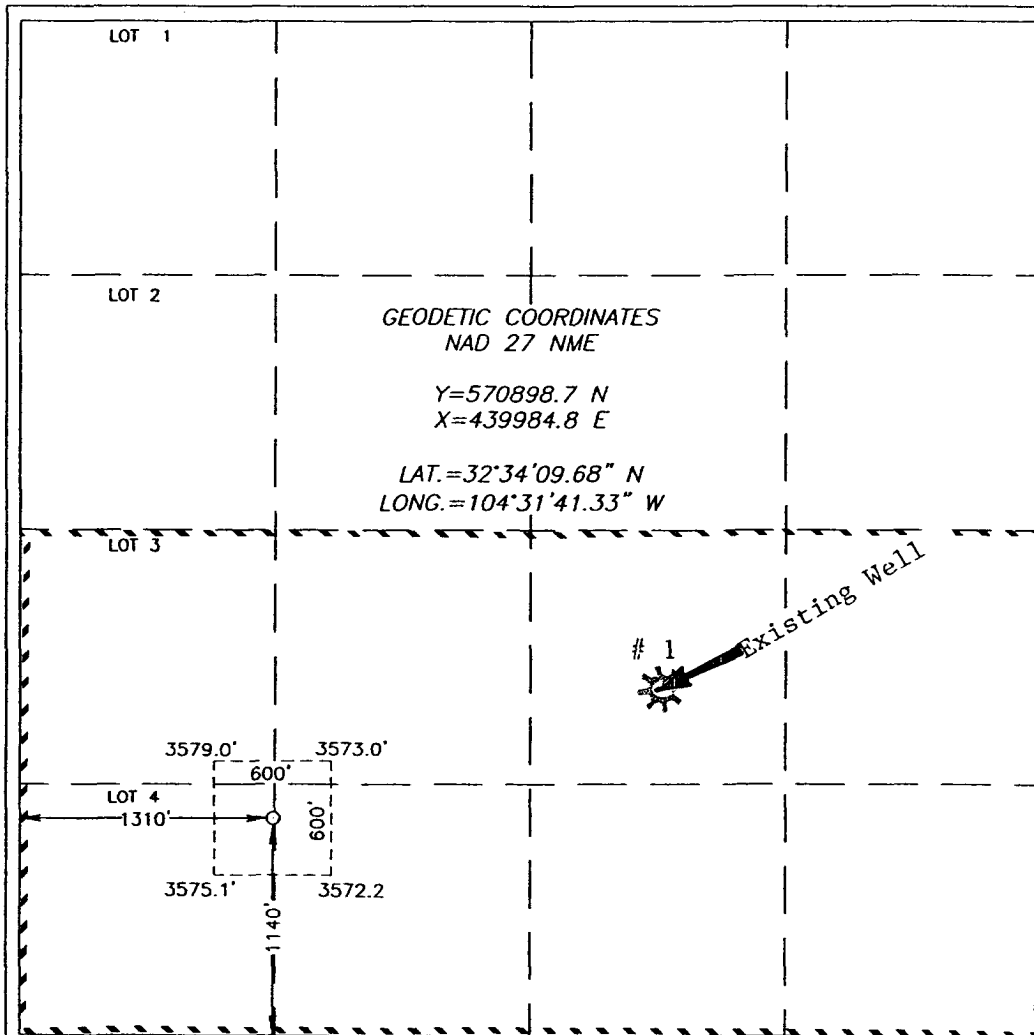
UL or lot No. M	Section 18	Township 20-S	Range 25-E	Lot Idn	Feet from the 1140	North/South line SOUTH	Feet from the 1310	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

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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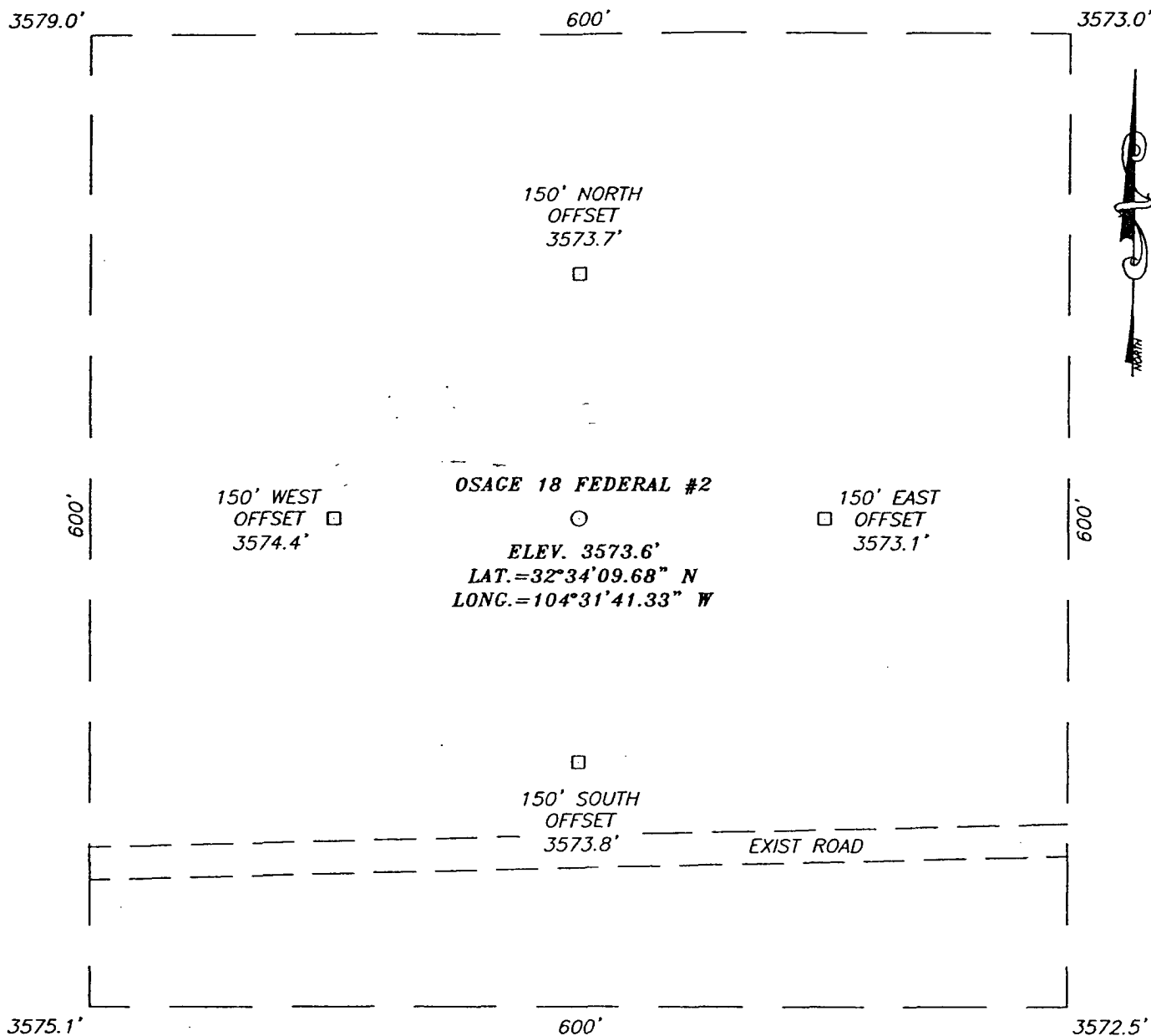
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



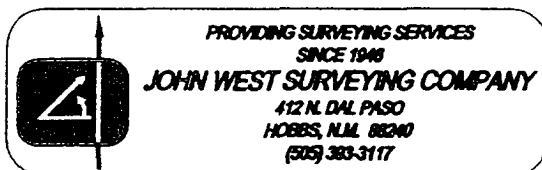
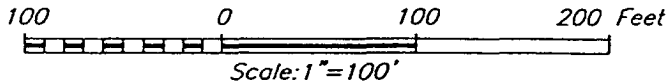
OPERATOR CERTIFICATION	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Joe T Janica</i> Signature	
Joe T. Janica Printed Name	
Agent Title	
10/28/04 Date	
SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this 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.	
SEPTEMBER 9, 2004	
Date Surveyed	JR
Signature & Seal of Professional Surveyor	
<i>Gary K. Eulson</i> 9/11/04 04.11.1166	
Certificate No. GARY EULSON	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

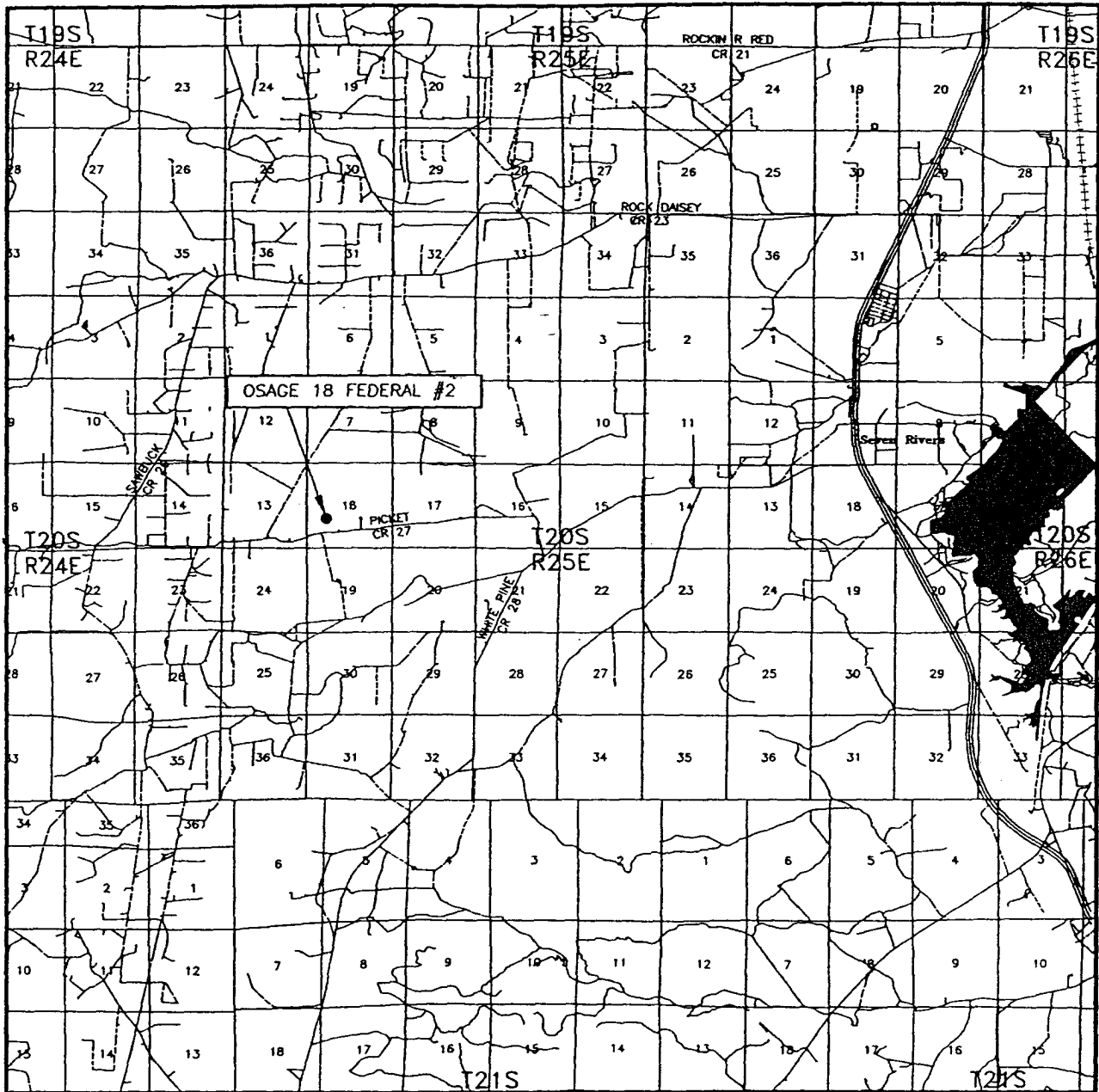


POGO PRODUCING COMPANY

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.
Date: 09/10/04	Rev 1:N/A
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.

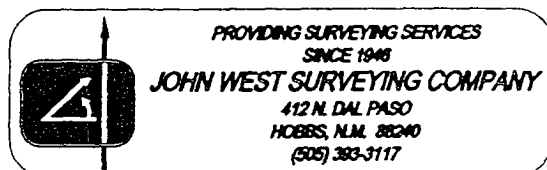
COUNTY EDDY

DESCRIPTION 1140' FSL & 1310' FWL

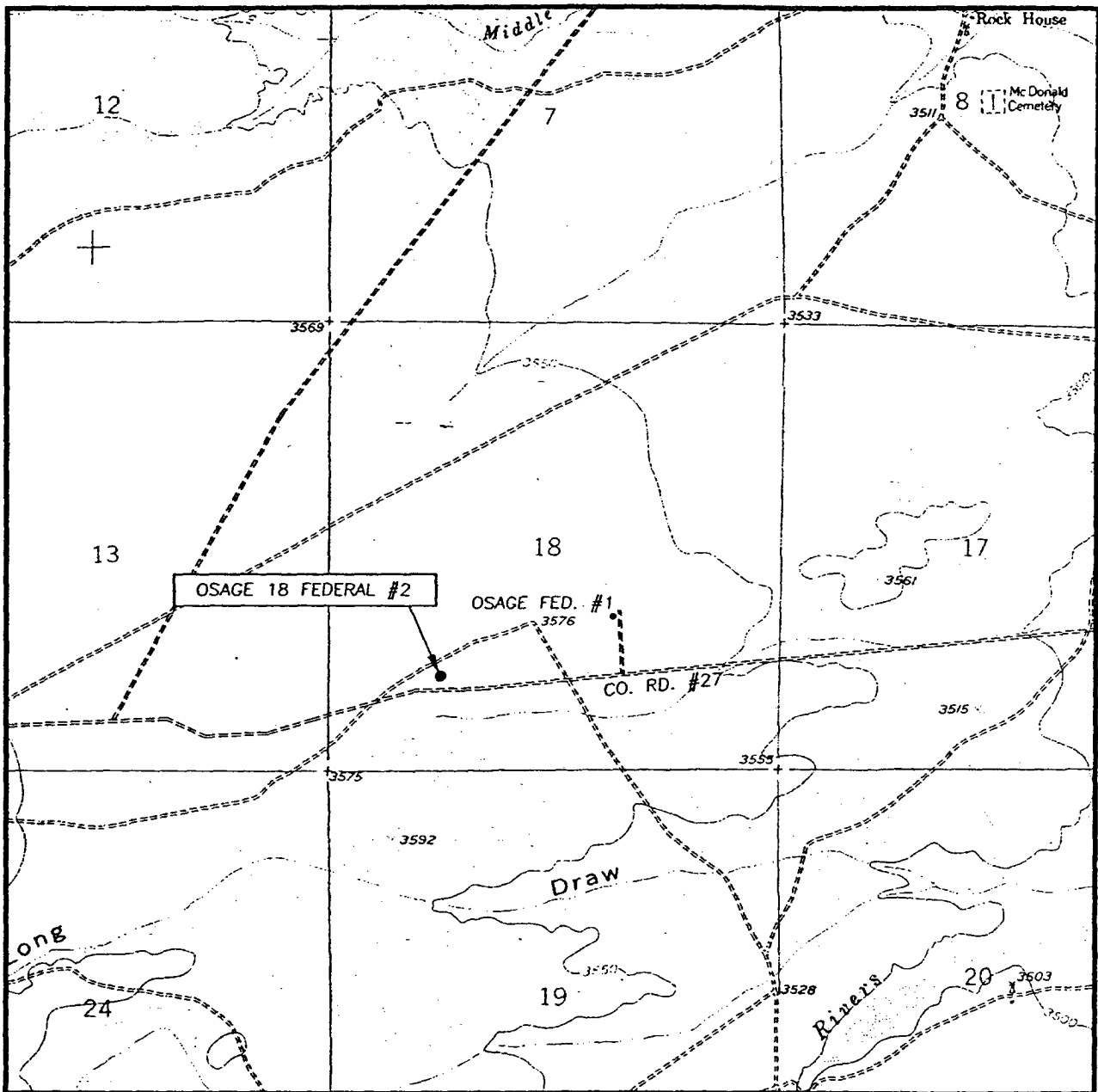
ELEVATION 3574'

POGO
OPERATOR PRODUCING COMPANY

LEASE OSAGE 18 FEDERAL



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

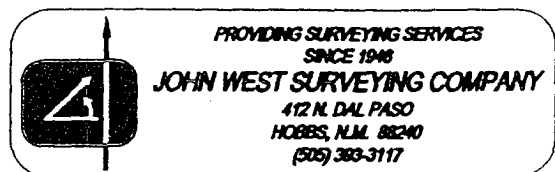
DESCRIPTION 1140' FSL & 1310' FWL

ELEVATION 3574'

OPERATOR POGO PRODUCING COMPANY

LEASE OSAGE 18 FEDERAL

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



H₂S 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 H₂S in the area near or around this proposed well. Other wells drilled in T20S-R25E have not encountered any H₂S 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 H₂S detection and safety equipment will be immediately installed and proper authorities will be notified. Admittance to the location will be restricted to only the necessary personnel.

Attached is a list of telephone numbers of all personnel 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)

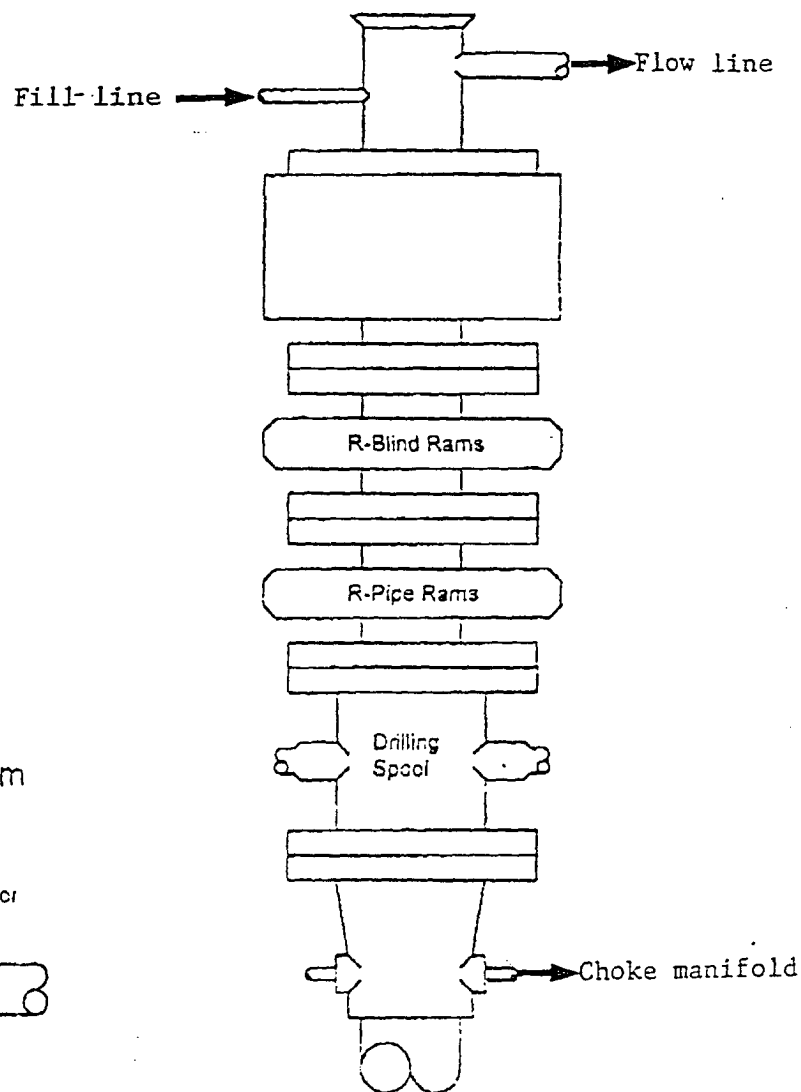
	<u>OFFICE</u>	<u>MOBILE</u>	<u>HOME</u>
POGO Producing Co.	432 685 8100		
Richard Wright	432 685 8140	432 556 7595	432 699 7108
Barrett Smith	432 685 8141	432 425 0149	432 520 7337
Rex Jasper	432 685 8143	432 631 0127	432 694 1839
Donny Davis	pgr 432 563 6944	432 556 5927	432 570 9555
Jerry Cooper	432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

EMERGENCY RESPONSE NUMBERS:

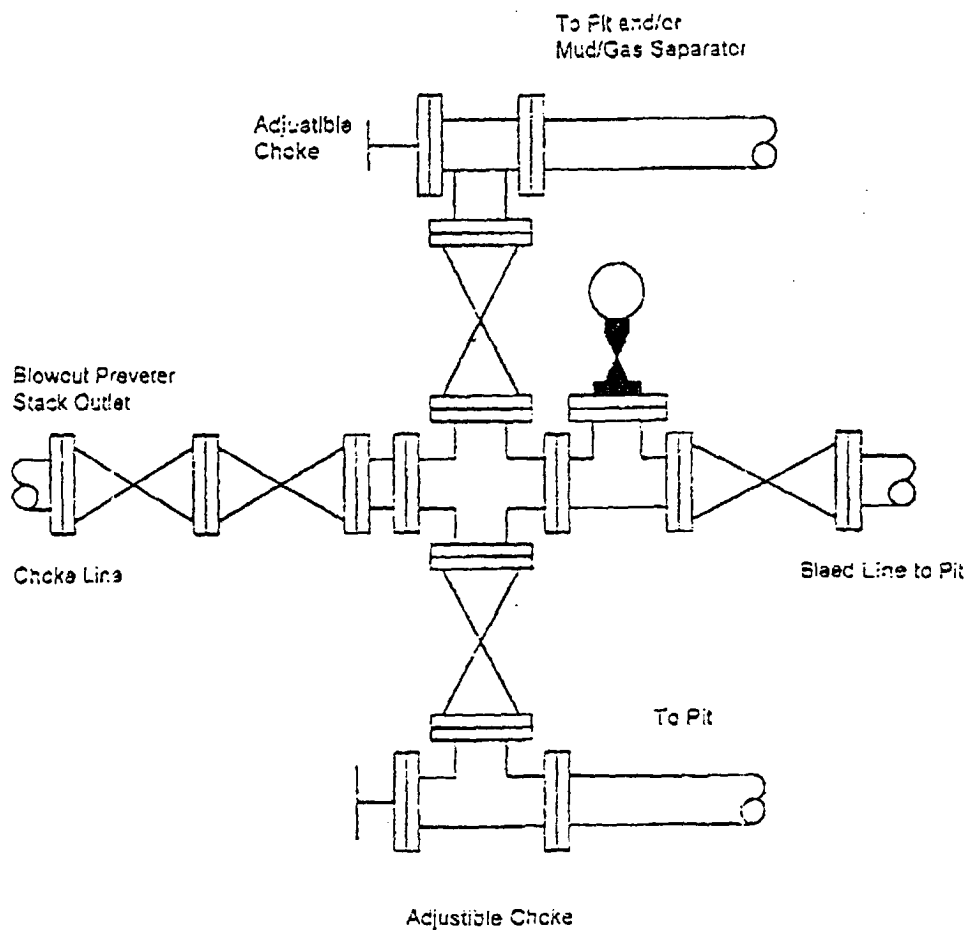
State Police:	Eddy County		505 748 9718
State Police:	Lea County		505 392 5588
Sheriff	Eddy County		505 746 2701
Sheriff	Lea County		
Emergency Medical Ser (Ambulance)	Eddy County		911 or 505 746 2701
	Lea County	Eunice	911 or 505 394 3258
Emergency Response	Eddy County SERC		505 476 9620
	Lea County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

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

BLOWOUT PREVENTER SYSTEM



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 test