

30-015-32496

DISTRICT I

P.O. Box 1000, Hobbs, NM 88241-1000

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

DISTRICT II

P.O. Drawer 50, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 E. Bravo Rd., Aztec, NM 87410

RECEIVED**DISTRICT IV**

P.O. Box 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT SEP 11 2002 AMENDED REPORT

API Number	Pool Code	Pool Name MIDLAND
Property Code	Property Name AMAX "24" FEDERAL	Well Number 15
OCRID No.	Operator Name POGO PRODUCING COMPANY	Elevation 3484'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
D	24	23-S	31-E		330	NORTH	330	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

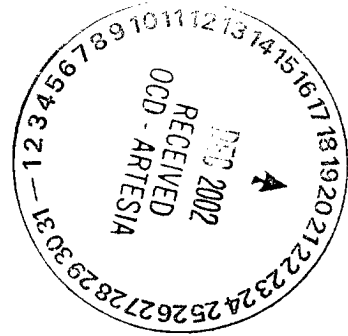
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

**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**

	GEODETIC COORDINATES NAD 27 NME Y = 471973.6 X = 683805.3 LAT. 32°17'46.21"N LONG. 103°44'18.56"W	RECEIVED AUG 28 2002 OCD - ARTESIA	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name _____ Title _____ 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. AUGUST 28 2002 Date Surveyed _____ Signature of Surveyor _____ Professional Surveyor _____ NEW MEXICO 02 11 0626 Certified by No. RONALD E. EDSON 3239 18841

INTREPID

Directional Drilling Specialists, Ltd.



Railroad Commission of New Mexico
Oil and Gas Division
1625 N. French Drive
Hobbs, NM. 88240

Re Pogo Producing Company
AMAX 24 Fed #15
SEC 24, T-23S, R-31E
EDDY CO. NM
API # 30-015-32496

Enclosed, please find the original and one copy of the survey performed on the referenced well by INTREPID MWD TECH., a division of INTREPID DIRECTIONAL DRILLING SPECIALISTS. Other information required by your office is as follows:

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Richard Denman MWD I	#1	5482' - 6441'	12/06/02-12/12/02	MWD/D&I

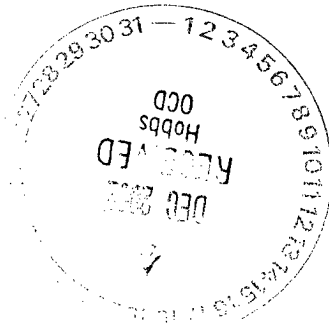
A certified plat on which the bottom hole is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,

Well Planner
John Willis

Cc:Pogo Producing company

Enclosures: 2



INTREPID

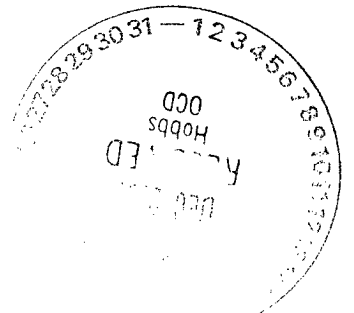
Directional Drilling Specialists, Ltd.

State of New Mexico

County of Eddy

I, Richard Denman, certify that; I am employed by INTREPID DIRECTIONAL DRILLING SPECIALIST, Ltd.; that I did on the days of 12/06/02 through 12/12/02 conduct or supervise the taking of MWD surveys from a depth of 5482' feet to a depth of 6441' feet; that the data is true, correct, complete and within the limitations of the tool as set forth by INTREPID MWD, a division of INTREPID DIRECTIONAL DRILLING, Ltd.; that I am authorized and qualified to make this report; that this survey was conducted at the request of Pogo Producing Company API# 30-015-32496 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by INTREPID MWD, a division of INTREPID DIRECTIONAL DRILLING SPECIALISTS, Ltd.

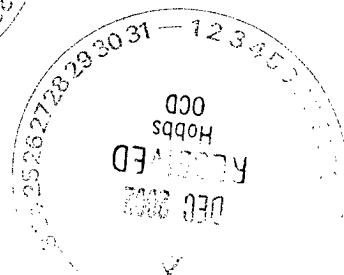
Richard Denman,
MWD I



Surveys

Report Date: 12-Dec-02 Client: Pogo Producing Company Field: Eddy County Structure / Slot: AMAX 24 Fed # 15 / New Slot Well: AMAX 24 Fed # 15 Borehole: AMAX 24 Fed # 15 UWAPI#: Survey Name / Date: Surveys / December 12, 2002 Tort / AHD / DDI / ERD ratio: 27.187° / 118.86 ft / 3.510 / 0.018 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet Location Lat/Long: N 30 59 24.512, W 105 55 44.137 Location Grid N/E Y/X: N 0.000 ftUS, E 0.000 ftUS Grid Convergence Angle: -0.82171463° Grid Scale Factor: 1.00019550	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 165.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: TVD Reference Elevation: 0.0 ft relative to Sea Bed / Ground Level Elevation: 0.000 ft relative to Magnetic Declination: 9.575° Total Field Strength: 48534.767 nT Magnetic Dip: 58.780° Declination Date: November 05, 2002 Magnetic Declination Model: IGRF 2000 North Reference: Grid North Total Corr Mag North -> Grid North: +10.397° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	5482.00	0.59	230.14	5481.46	8.15	-22.74	-53.39	58.03	246.93	0.00	179.10M
	5582.00	3.70	179.10	5581.38	11.49	-26.30	-53.73	59.82	243.92	3.36	159.90M
	5644.00	5.20	159.90	5643.20	16.23	-30.94	-52.74	61.14	239.60	3.38	-50.35G
	5675.00	5.40	157.40	5674.06	19.08	-33.60	-51.69	61.66	236.98	0.99	34.40G
	5707.00	6.10	161.80	5705.90	22.27	-36.61	-50.58	62.44	234.11	2.58	-19.72G
	5801.00	9.40	154.70	5799.03	34.81	-48.30	-45.74	66.52	223.44	3.65	-159.98G
	5864.00	8.10	151.30	5861.30	44.19	-56.84	-41.41	70.33	216.08	2.22	-105.65G
	5958.00	7.80	134.10	5954.41	56.09	-67.09	-33.65	75.06	206.64	2.54	-104.41G
	6083.00	8.00	100.20	6078.29	67.08	-74.54	-18.99	76.92	194.29	3.68	15.47G
	6178.00	9.50	102.70	6172.18	73.54	-77.43	-4.84	77.58	183.57	1.63	84.48G
	6273.00	9.90	114.50	6265.83	82.38	-82.54	10.25	83.18	172.92	2.13	157.83G
	6378.00	7.00	124.60	6369.69	93.00	-89.92	23.73	93.00	165.22	3.09	-149.40G
	6441.00	5.40	113.90	6432.32	97.78	-93.30	29.60	97.88	162.40	3.12	0.00G



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