

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

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

Form C-101
 May 27, 2004

Submit to appropriate District Office

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address PURVIS OPERATING CO. PO BOX 51990, MIDLAND, TX 79710-1990		OGRID Number 131559
		API Number 30--025-38037
Property Code 35883	Property Name COYOTE STATE COM	Well No. 1
Proposed Pool 1 MORTON MISSISSIPPIAN (Gas)		Proposed Pool 2 WILDCAT MORROW (GAS)

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C-1	8	15S	35E		990	N	1316	W	LEA

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

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4029'
Multiple No	Proposed Depth 13,500' MD	Formation L. Mississippian / Morrow / Atoka	Contractor	Spud Date 1-1-2007
Depth to Groundwater 60		Distance from nearest fresh water well 4 miles		Distance from nearest surface water Miles and miles
Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 2000 bbls Drilling Method: Cased-Loop System ☐ Fresh Water ☐ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐				

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"	48#	400'	400 sks	Surface
12 3/4"	9 5/8"	36# - 40#	6200'	1400 sks	700'
8 3/4"	5 1/2"	17# - 20#	13,500'	800 sks	9500'

Describe the proposed program. If this application is to DEELEN 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.

Drill 400' and case off all fresh water zones. Set intermediate to 6200' and cement off any water flows and corrosive zones. Drill to a total depth of 13,500' and DST prospective zones. Run open hole logs. Run production casing, if justified and cement 600' above uppermost pay. Perforate and stimulate where justified.

A 5000 psi BOP will be installed on 9 5/8" casing and pressure tested before drilling deeper.

JAN 18 2007

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 NMOC guidelines, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Donnie E. Brown
 Title: Petroleum Engineer
 E-mail Address: eng@purvisop.com

Date: December 29, 2006

Phone: 432-682-7346

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title:

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date:

JAN 22 2007

Expiration Date:

Conditions of Approval Attached ☐

JAN 18 2007

DISTRICT I

1625 N. FRANKLIN DR., ROBERT, NM 86840

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 86210

DISTRICT III

1000 Rio Huerfano Rd., Arlan, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-38037	Pool Code	Pool Name MORTON MISSISSIPPIAN (GAS)
Property Code 35883	Property Name COYOTE STATE COM.	Well Number 1
GRID No. 131559	Operator Name PURVIS OPERATING COMPANY	Elevation 4031'

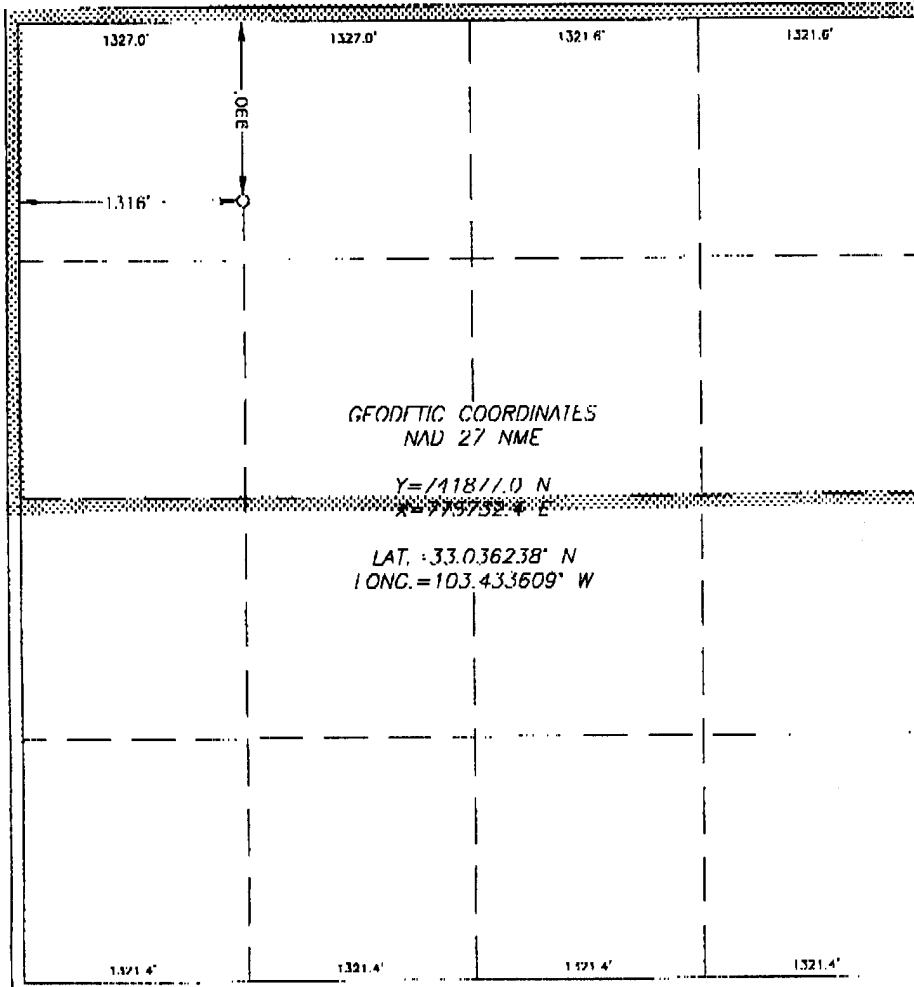
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	15-S	35-E		990	NORTH	1316	WEST	LEA

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 320	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 that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] 12-28-06
Signature Date

[Printed Name]
Printed Name

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.

NOVEMBER 2, 2006

Date Surveyed LA HCV: 12/21/06

Signature & Seal of
Professional Surveyor

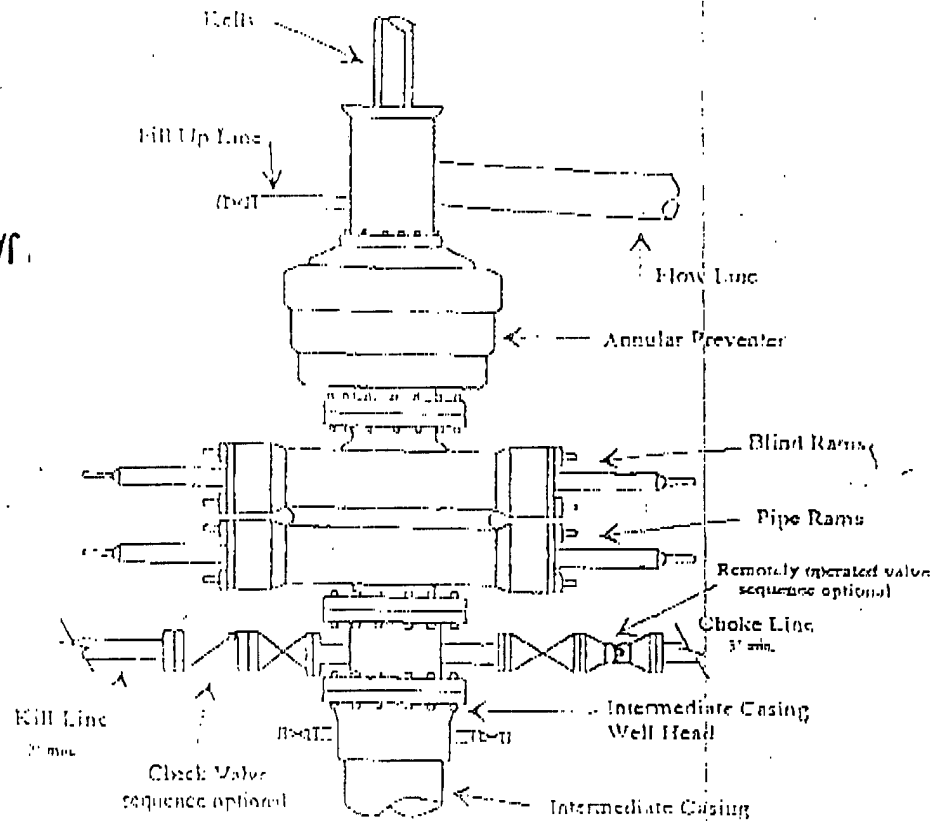
[Signature] 12/21/06
06.11.2006

Certificate No. GARY RIDSON 12641



Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack

JAN 18 2007



Typical 5,000 psi choke manifold assembly with at least these minimum features

