

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

JUN 18 2007

OCD-ARTESIA

Submit to appropriate District Office
☐ AMENDED REPORT

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

¹ Operator Name and Address Primexx Operating Corporation 4840 Greenville Ave., Ste. 1600 Dallas, Texas 75206		² OGRID Number 153888
³ Property Code 36594	⁴ Property Name Sam's Ranch	⁵ API Number 30-005-63953
⁶ Well No. 16 #1		
⁹ Proposed Pool 1 Sam's Ranch; Grayburg		¹⁰ Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	14S	28E		1980	South	660	East	Chaves

⁸ Proposed Bottom Hole Location If Different From Surface

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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3567'
¹⁶ Multiple N	¹⁷ Proposed Depth 2000'	¹⁸ Formation Grayburg	¹⁹ Contractor	²⁰ Spud Date 6/01/2007
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/2"	8 5/8"	24#	250'	250	surface
8 3/4"	5 1/2"	15.5#	1800'	300	surface

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.

MIRU Drilling Contractor. Drill an 1800' Grayburg well, 1980' FSL & 660' FEL of Sec. 16, T14S, R28E of Chaves County, New Mexico. Drill a 12 1/2" hole 250'. Run 8 5/8- 24# pipe. Cement to surface with 250 sacks. Drill a 8 3/4" hole to 1800' and run 5 1/2- 15.5# casing. Cement to surface with 300 sacks of cement. Perforate as needed.

²³ 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 ☐.

Signature: Andrea Molinar

Printed name: Andrea Molinar

Title: Regulatory Analyst

E-mail Address: andrea.molinar@primexx.com

Date: June 12, 2007

Phone: (214) 369-5909

OIL CONSERVATION DIVISION

Approved by **BRYAN G. ARANT**
DISTRICT II GEOLOGIST

Title:

Approval Date: JUN 28 2007

Expiration Date: JUN 28 2008

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 84550	Pool Name Sams Ranch; Grayburg
Property Code	Property Name SAMS RANCH "16"	Well Number 1
OGRID No. 153888	Operator Name PRIMEXX OPERATING CORP.	Elevation 3567'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	16	14 S	28 E		1980	SOUTH	660	EAST	CHAVES

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 160	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 contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Andrea Molinar</u> 5/16/07 Signature Date Andrea Molinar 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. MAY 09 2007 Date Surveyed Signature of Surveyor Professional Surveyor 18100 Certificate No. Gary L. Jones 7977 BASIN SURVEYS



Operating Corporation
Energy Partners, Ltd.
Energy Corporation
Pipeline, U S A., L.P
Pipeline Corporation

JUN 18 2007

OCD-ARTESIA

~~June 12, 2007~~

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1301 West Grand Avenue
Artesia, NM 88210

Re: Sam's Ranch – Application for Permit to Drill

Dear Mr. Arrant

I am submitting this letter to inform the State of New Mexico Oil & Gas Conservation Division that in our review to drill the Sam's Ranch 16 #1, a H2S Well Contingency Plan will not be required. If you have any questions please feel free to call the number listed below or email me at andrea.molinar@primexx.com . Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink that reads "Andrea Molinar". The script is cursive and fluid.

Andrea Molinar
Regulatory Analyst
Primexx operating Corporation