

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

RCVD NOV 1 2006
OIL CONSV. DIV.

DIST. 3

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

¹ Operator Name and Address ROSETTA RESOURCES OPERATING LP 1200 17TH ST., SUITE 770, DENVER, CO 80202		² OGRID Number 239235
³ Property Code 35716	⁴ Property Name TSAH TAH 2	⁵ Well No. 2
⁹ Proposed Pool 1 BASIN FRUITLAND COAL		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. F	Section 2	Township 24 N	Range 10 W	Lot Idn	Feet from the 1385	North/South line NORTH	Feet from the 1775	East/West line WEST	County SAN JUAN
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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
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Additional Well Information

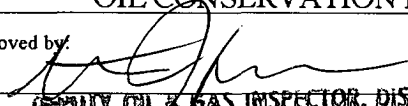
¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6,797'
¹⁶ Multiple N	¹⁷ Proposed Depth 1,900'	¹⁸ Formation LEWIS	¹⁹ Contractor	²⁰ Spud Date NOV. 15, 2006
Depth to Groundwater >100'		Distance from nearest fresh water well >1,000'		Distance from nearest surface water >300'
Pit: Liner: Synthetic ☒ 12_mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7"	23#	120'	35	SURFACE
6-1/4"	4-1/2"	10.5#	1,900'	295	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.

Use 2,000 BOP system

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 ☐ .		OIL CONSERVATION DIVISION	
Printed name: BRIAN WOOD		Approved by: 	
Title: CONSULTANT		Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3	
E-mail Address: brian@permitswest.com		Approval Date: NOV 01 2006 Expiration Date: NOV 01 2007	
Date: 10-30-06	Phone: (505) 466-8120	Conditions of Approval Attached ☐	

8/11/06

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34048		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL GAS
*Property Code 35716	*Property Name TSAH TAH 2		*Well Number 2
*OGRID No. 239235	*Operator Name ROSETTA RESOURCES OPERATING LP		*Elevation 6797'

¹⁰ Surface Location

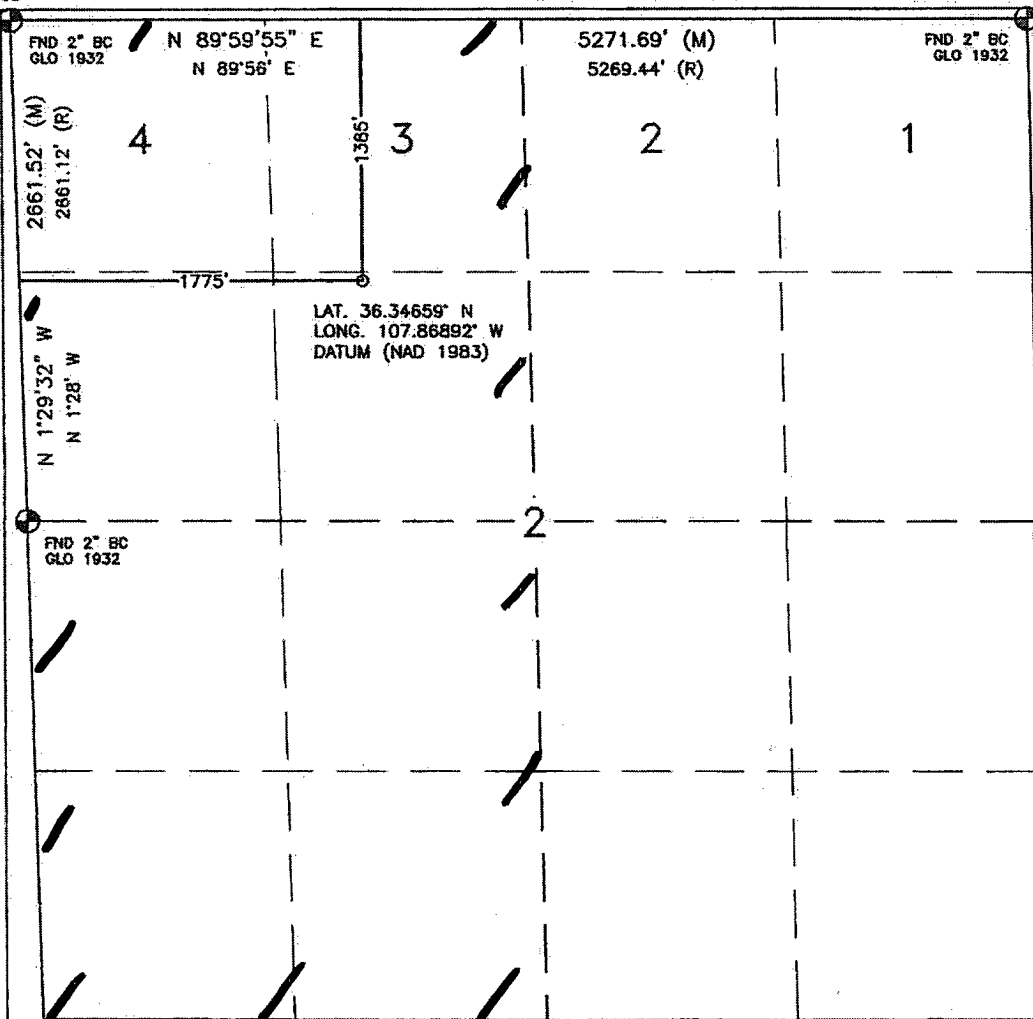
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	24N	10W		1385'	NORTH	1775'	WEST	SAN JUAN

¹¹ 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 320.75		*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

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17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature **Brian Wood**
Printed Name **CONSULTANT**
Title **OCT. 30, 2006**
Date

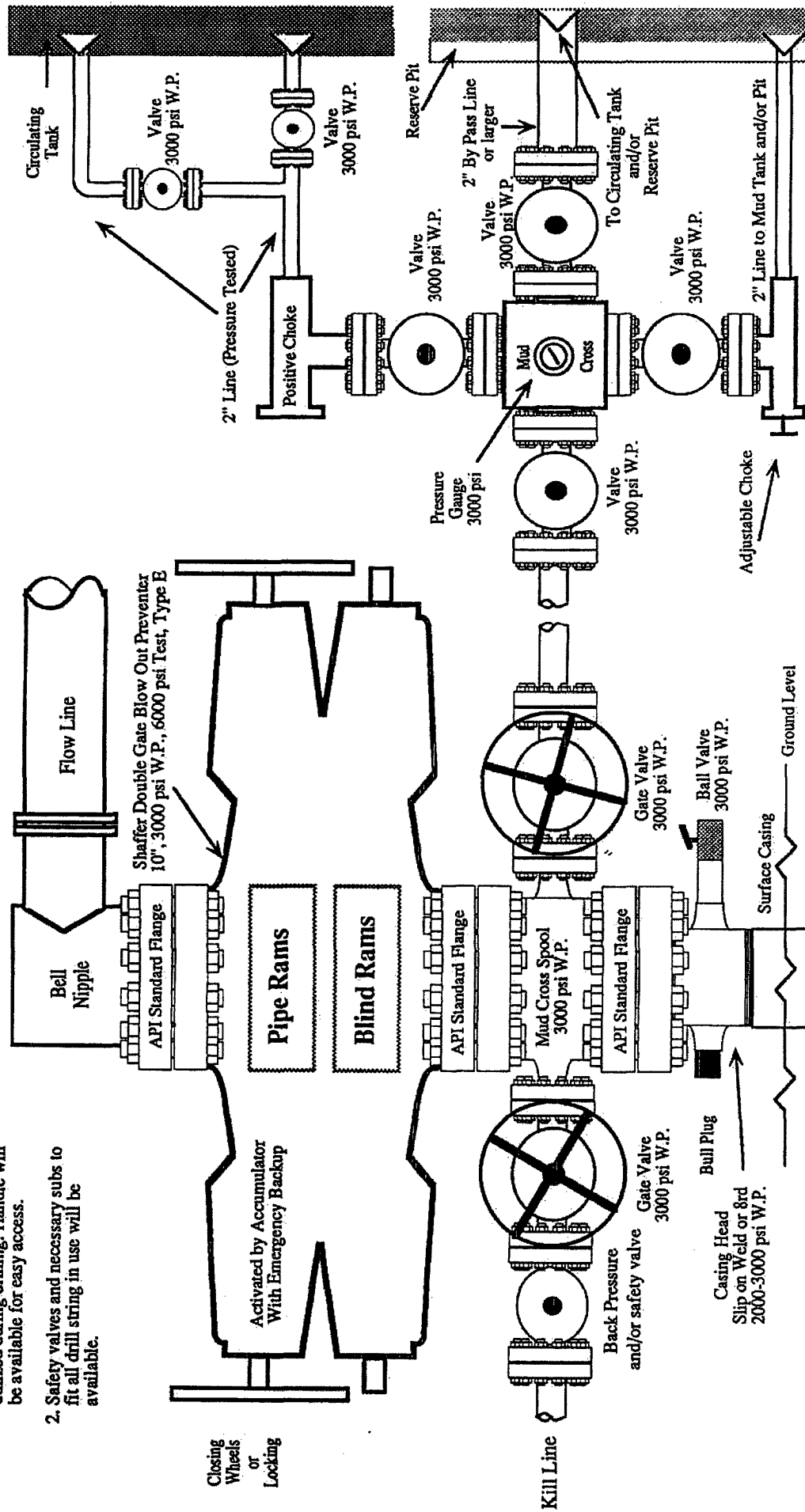
18 SURVEYOR CERTIFICATION

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 30, 2006
Date of Survey
Signature and Seal of Professional Surveyor:
DAVID RUSSELL
10201
REGISTERED PROFESSIONAL LAND SURVEYOR
Certificate Number 10201

2,000 PSI BOP SYSTEM

- Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.
2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.