

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

Form C-101
May 27, 2004

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

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 API Number 30 - 045 - 33853
⁴ Property Code 35714	⁵ Property Name TSAH TAH 32	⁶ Well No. 2
⁹ Proposed Pool 1 BASIN FRUITLAND COAL		¹⁰ Proposed Pool 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
E	32	25 N	10 W		1605	NORTH	1300	WEST	SAN JUAN

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

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 6,765'
¹⁶ Multiple N	¹⁷ Proposed Depth 1,900'	¹⁸ Formation LEWIS	¹⁹ Contractor	²⁰ Spud Date AUG. 1, 2006
Depth to Groundwater >100'		Distance from nearest fresh water well >2,000'		Distance from nearest surface water >200'
Pit Liner: Synthetic ☒ 12_mils thick Clay ☐		Pit Volume: _____ bbls ≈1,000 bbls		
Closed-Loop System ☐		Drilling Method: _____ 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 NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed name: BRIAN WOOD
Title: CONSULTANT
E-mail Address: brian@permitswest.com
Date: 7-15-06 Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date: JUL 19 2006

Expiration Date: JUL 19 2007

Conditions of Approval Attached ☐

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33853	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL GAS
⁴ Property Code 35714	⁵ Property Name TSAH TAH 32	⁶ Well Number 2
⁷ OGRID No. 239235	⁸ Operator Name ROSETTA RESOURCES OPERATING LP	⁹ Elevation 6765'

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
E	32	25N	10W		1605'	NORTH	1300'	WEST	SAN JUAN

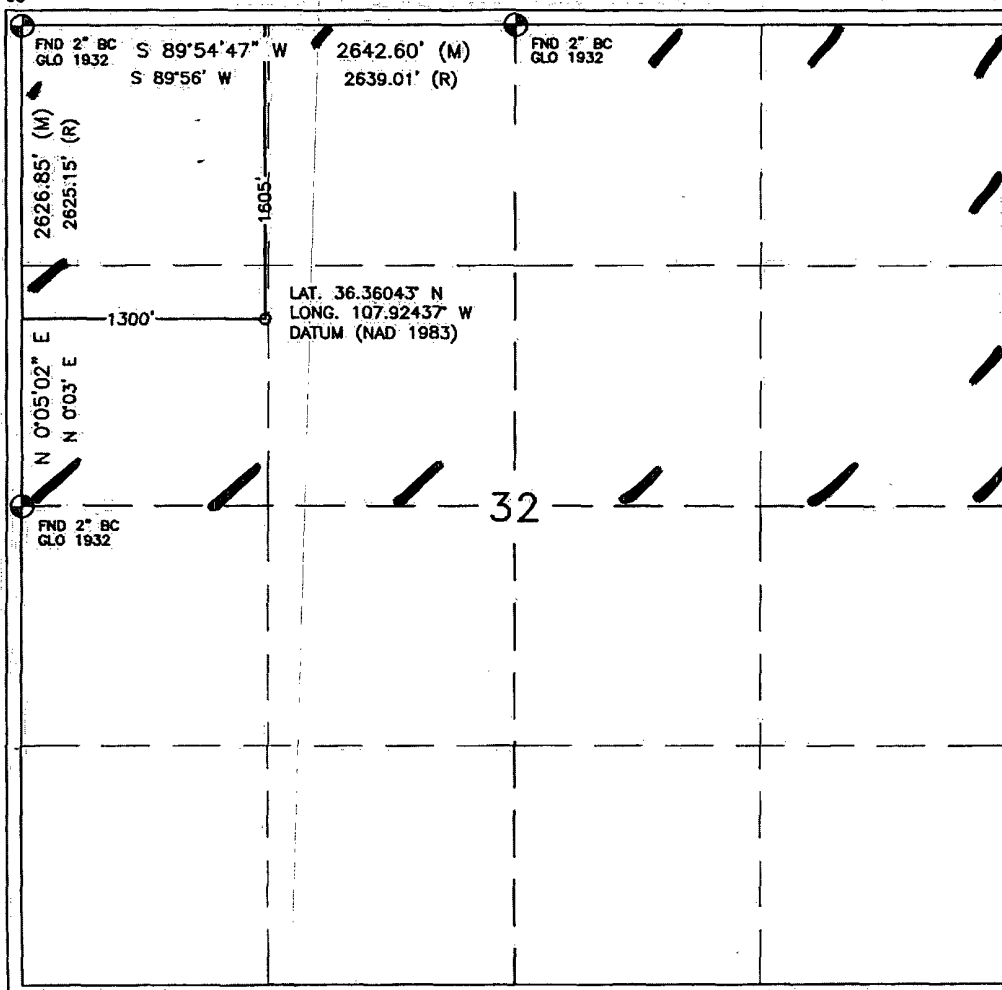
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 320	¹³ Joint or Infill C	¹⁴ Consolidation Code	¹⁵ 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

16



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 BRIAN WOOD
Title CONSULTANT
Date JULY 15, 2006

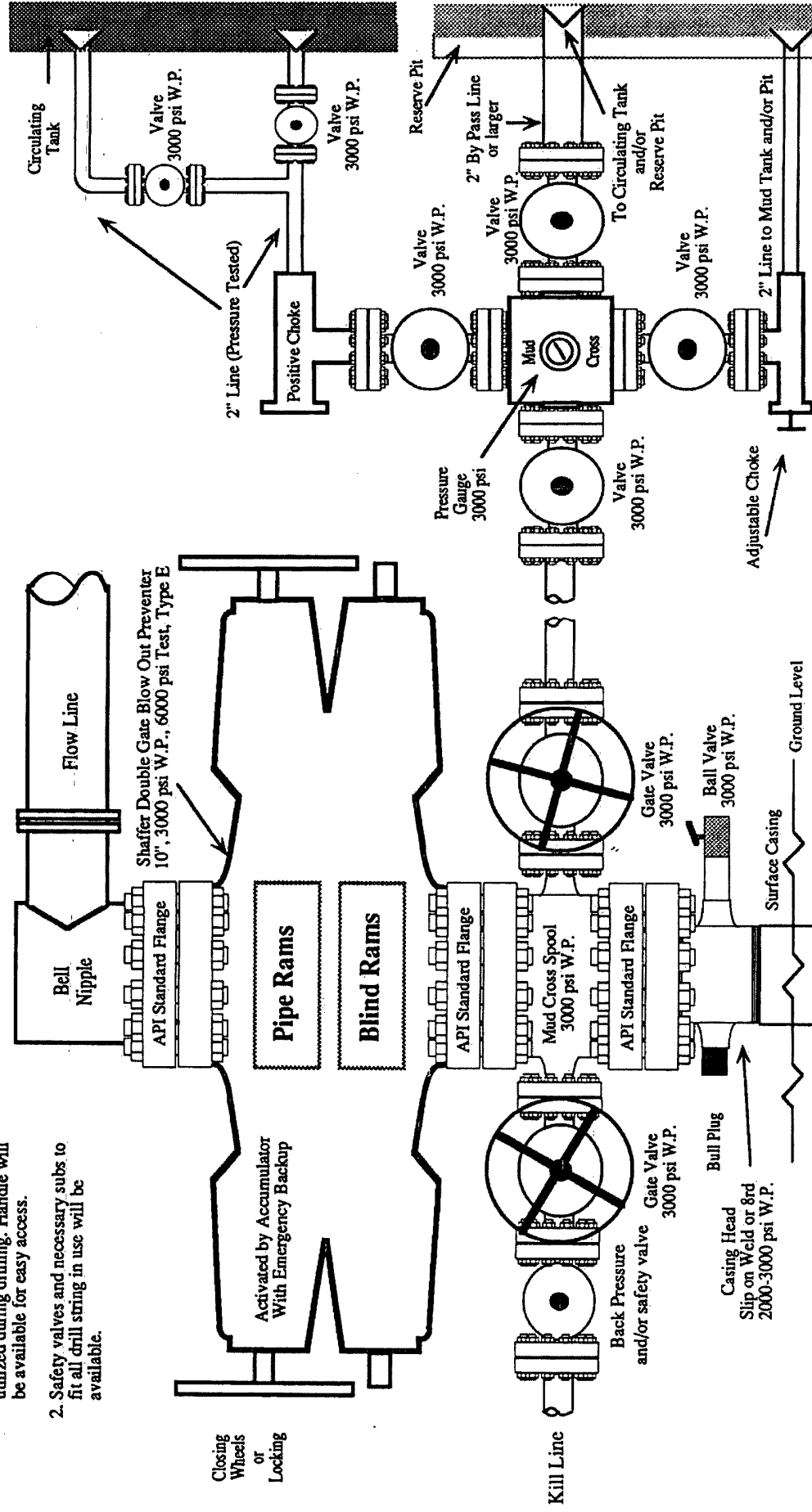
18 SURVEYOR CERTIFICATION

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.

Date of Survey JUNE 22, 2006
Signature and Seal of Professional Surveyor
David H. Russell
REGISTERED PROFESSIONAL LAND SURVEYOR
NEW MEXICO
10201
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.