

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 - 33942
³ Property Code 357135	³ Property Name TSAH TAH SWD	⁶ Well No. 36
⁹ Proposed Pool 1 SWD; MESA VERDE		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
F	36	25 N	10 W		1800	NORTH	1360	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 S	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6,745'
¹⁶ Multiple N	¹⁷ Proposed Depth 4,500'	¹⁸ Formation MANCOS	¹⁹ Contract or	²⁰ Spud Date OCT. 15, 2006
Depth to Groundwater >100'		Distance from nearest fresh water well >1,000'		Distance from nearest surface water >200'
Pit: Liner: Synthetic ☒ 12_mils thick Clay ☐		Pit Volume: _____ bbls ≈5,000 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
12-1/4"	8-5/8"	24#	200'	140	SURFACE
7-7/8"	5-1/2"	15.5#	4,500'	800	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 ☐.

Printed name: BRIAN WOOD
Title: CONSULTANT
E-mail Address: brian@permitswest.com
Date: 9-23-06 Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 4

Approval Date: SEP 25 2006

Expiration Date: SEP 25 2007

Conditions of Approval Attached ☐

Hold C104 For SWD order

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

¹ API Number 30-045- 33942	² Pool Code 96160	³ Pool Name SWD; MESA VERDE
⁴ Property Code 357135	⁵ Property Name TSAH TAH SWD	⁶ Well Number 36
⁷ GRID No. 239235	⁸ Operator Name ROSETTA RESOURCES OPERATING LP	⁹ Elevation 6745'

¹⁰ Surface Location

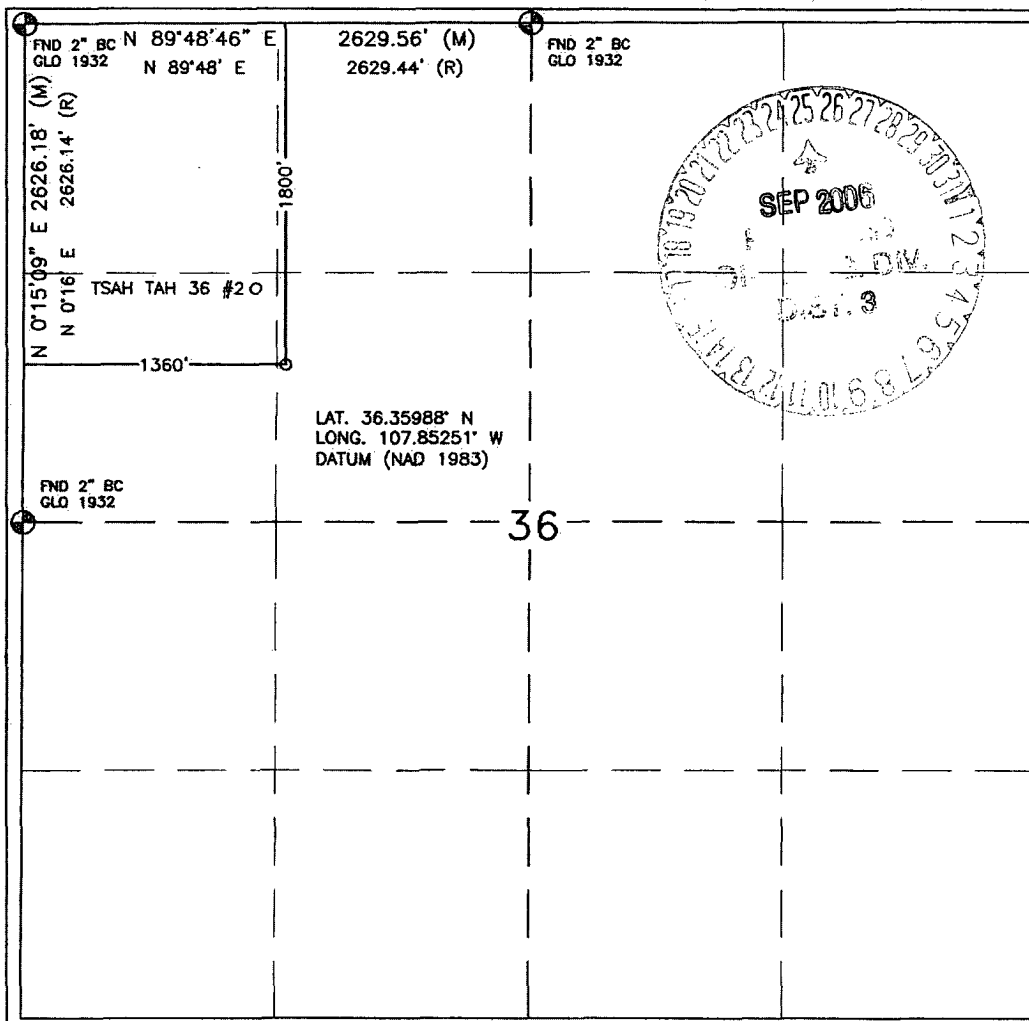
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	25N	10W		1800'	NORTH	1360'	WEST	SAN JUAN

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					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

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 **CONSULTANT**

Title **SEPT. 23, 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.

Date of Survey **JUNE 26, 2006**

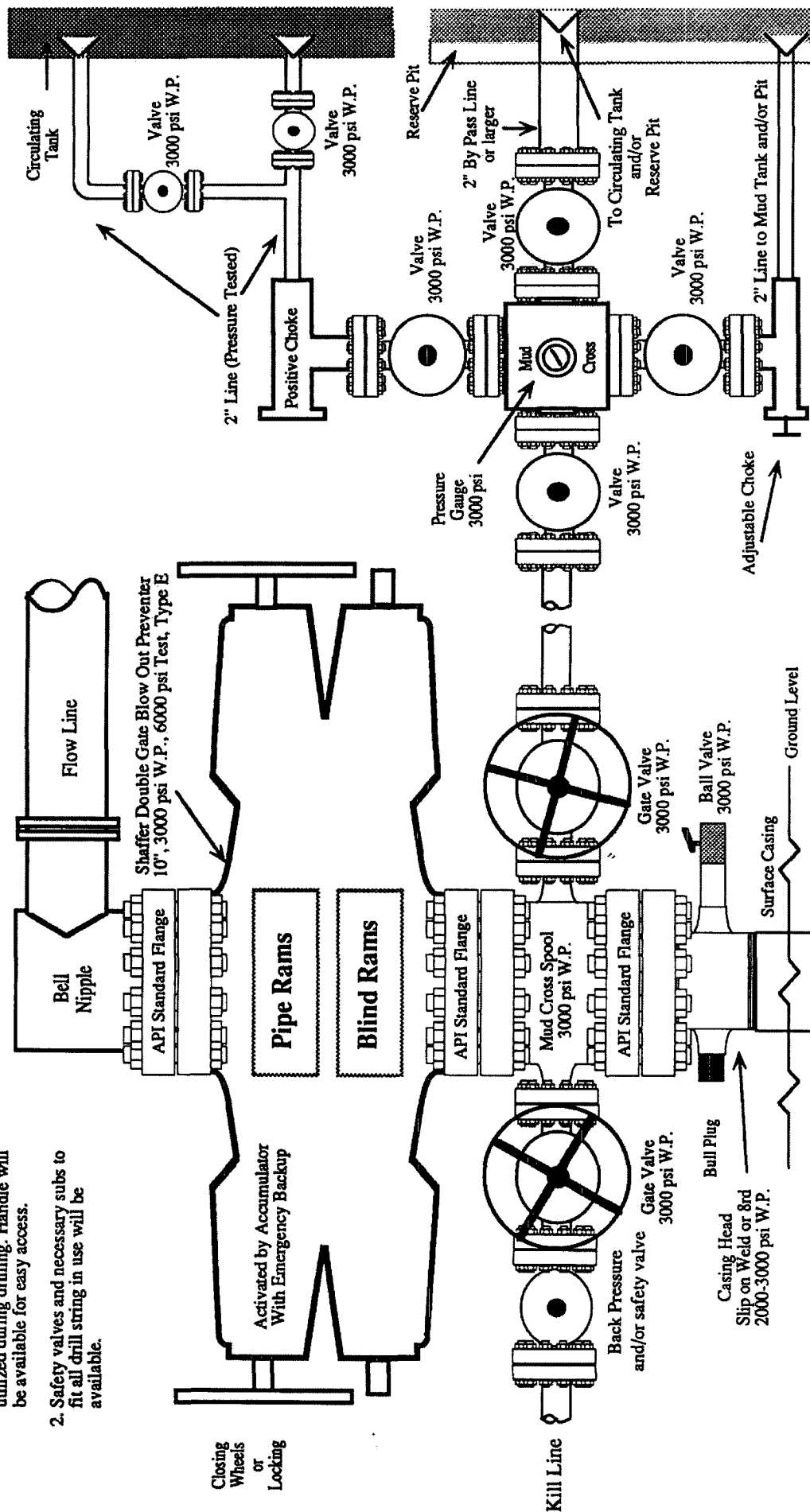
Signature and Seal of Professional Surveyor

DAVID RUSSELL

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.