

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 Property Code 35716	⁴ Property Name TSAH TAH 2	⁵ API Number 30 - 045 - 337730
⁹ Proposed Pool 1 BASIN FRUITLAND COAL		⁶ Well No. 4
⁹ Proposed Pool 1		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
O	2	24 N	10 W		1277	SOUTH	1427	EAST	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 6,884'
¹⁶ Multiple N	¹⁷ Proposed Depth 1,900'	¹⁸ Formation LEWIS	¹⁹ Contractor	²⁰ Spud Date JUNE 25, 2006
Depth to Groundwater >100'		Distance from nearest fresh water well >1,000'		Distance from nearest surface water >200' <1000'
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
8-5/8"	7"	17#	120'	30	SURFACE
6-3/4"	4-1/2"	11.6#	1,900'	390	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: MAY 15 2006 Expiration Date: _____	
Date: 5-13-06	Phone: (505) 466-8120	Conditions of Approval Attached ☐	

State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

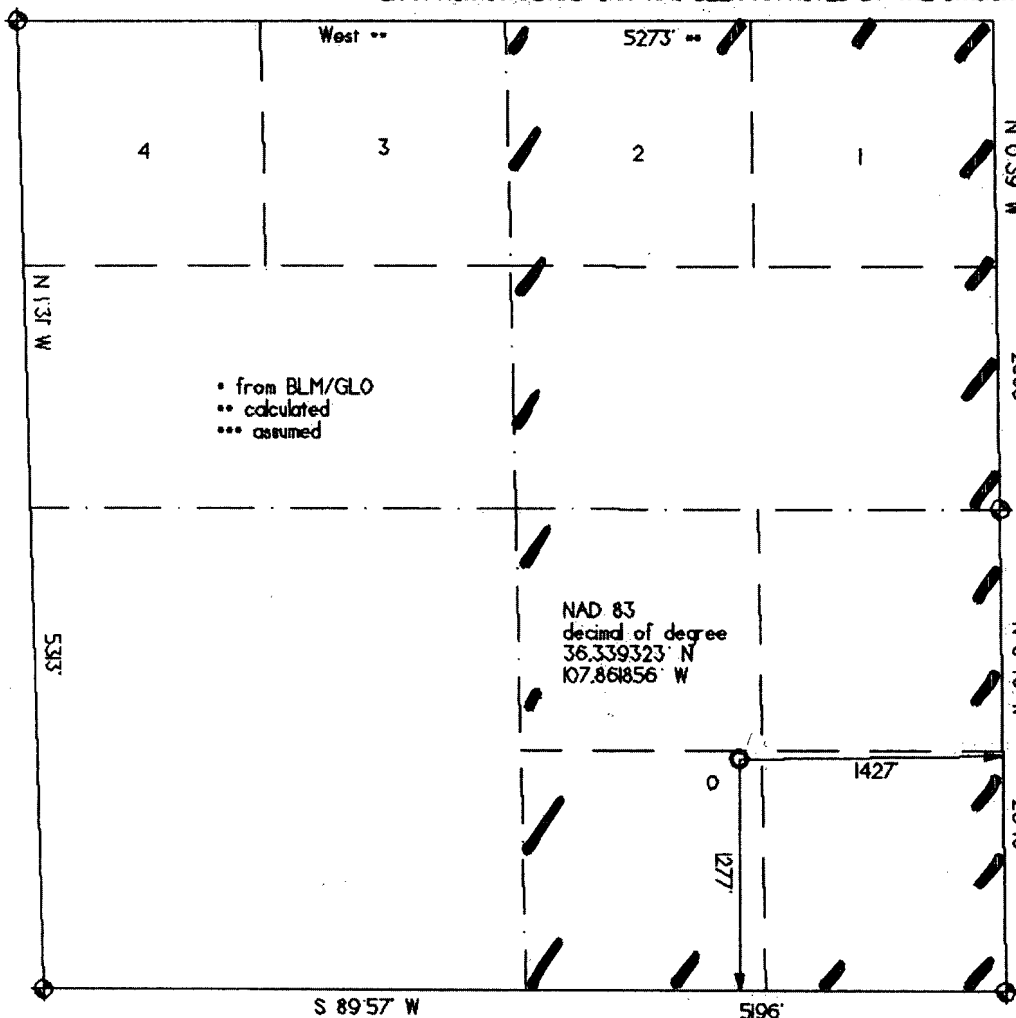
APA Number 30-045- 33730	Pool Code 71629	Pool Name BASIN FRUITLAND COAL GAS
Property Code 35716	Property Name TSAH TAH 2	Well Number 4
GRID No. 239235	Operator Name ROSETTA RESOURCES PRODUCING, L.P.	Elevation 6884'

Surface Location									
UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet From	North/South	Feet From	East/West	County
0	2	24 N.	10 W.		1277'	SOUTH	1427'	EAST	SAN JUAN

Bottom Hole Location if Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet From	North/South	Feet From	East/West	County

Dedication 320.97	Joint ?	Consolidation	Order No.
----------------------	---------	---------------	-----------

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

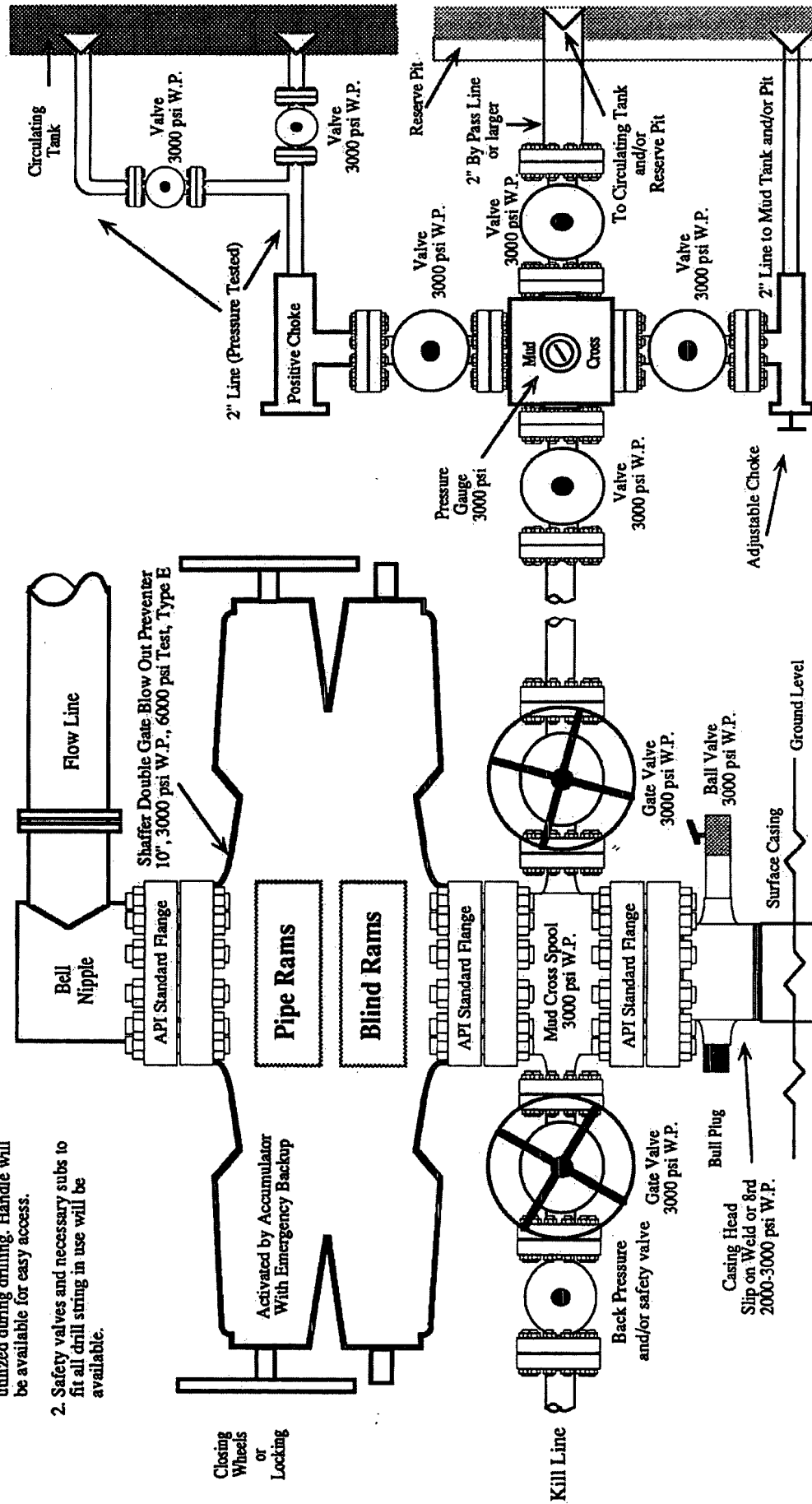


OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>Brian Wood</i>	
Printed Name	BRIAN WOOD
Title	CONSULTANT
Date	MAY 13, 2006
SURVEYOR CERTIFICATION I hereby certify that the well location on this plat 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 05/04/06	
Signature and Seal of Professional Surveyor	GERALD S. HULL NEW MEXICO 6844 <i>Gerald S. Hull</i>

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.