

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 35713	⁵ Property Name TSAH TAH 36	⁴ API Number 30 - 045- 33753 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	36	25 N	10 W		1400	NORTH	1200	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

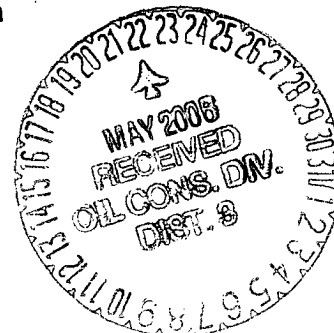
¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6,733'
¹⁶ Multiple N	¹⁷ Proposed Depth 1,900'	¹⁸ Formation LEWIS	¹⁹ Contractor	²⁰ Spud Date JUNE 26, 2006
Depth to Groundwater >100'		Distance from nearest fresh water well >\$,000'		Distance from nearest surface water >200'
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 NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

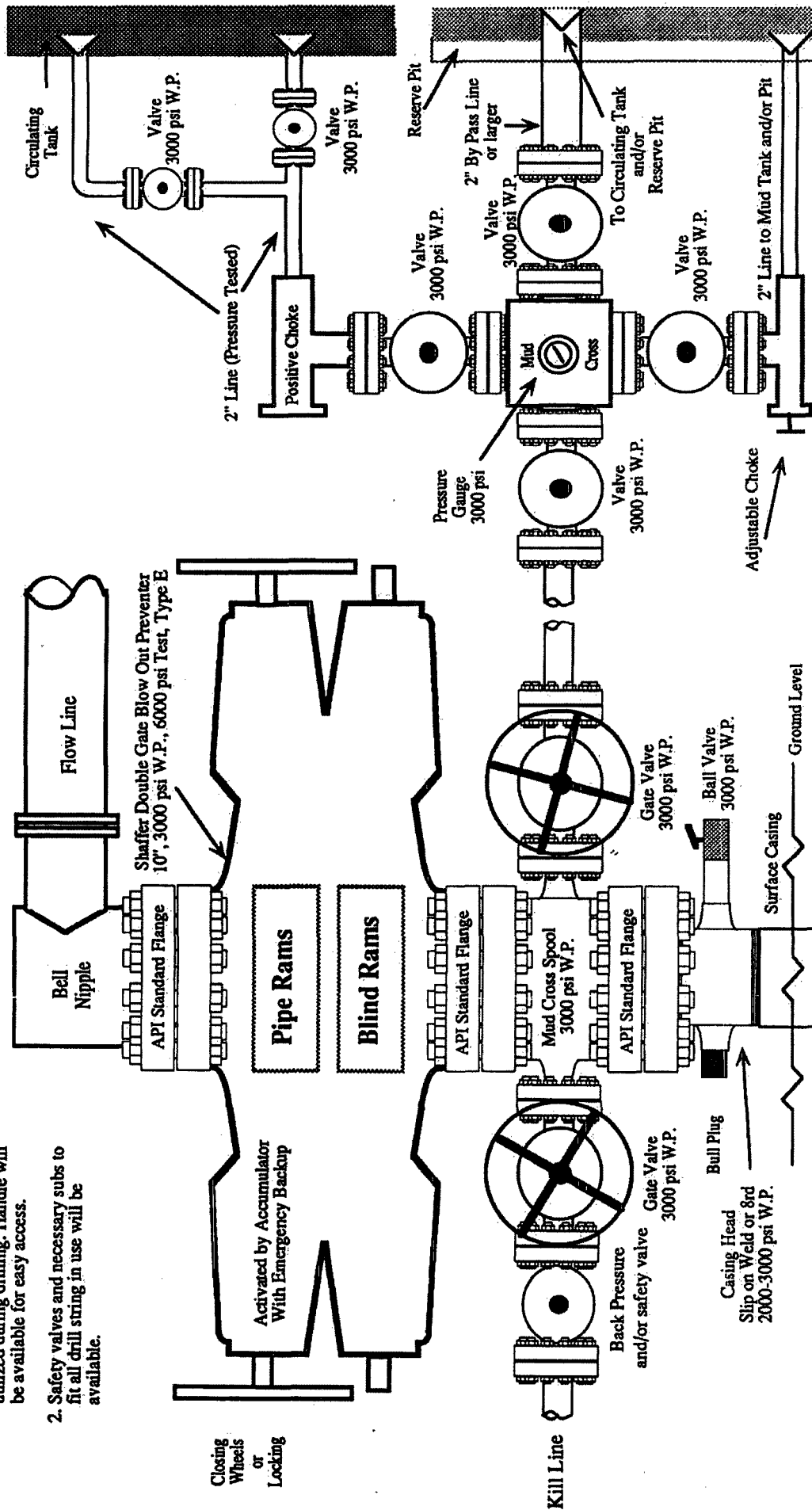
Printed name: BRIAN WOOD
Title: CONSULTANT
E-mail Address: brian@permitswest.com
Date: 5-19-06 Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved by: *[Signature]*
Title: DEPUTY OIL & GAS INSPECTOR, DIST. 8
Approval Date: MAY 22 2006 Expiration Date: _____
Conditions of Approval Attached ☐

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.