

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 Shinnery Oil Company, 606 W. Tennessee, Suite 107, Midland, TX 79701-4260		² OGRID Number 20713
³ Property Code 300990		⁴ API Number 30 - 025 - 37278
⁵ Property Name New Mexico D State NCT - 1		⁶ Well No. 4
⁹ Proposed Pool 1 Vacuum: Grayburg - San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South lin	Feet from the	East/West lin	County
M	27	17S	34E		330	South	690	West	Lea

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 O	¹³ Cable/Rotar R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4046'
¹⁶ Multiple No	¹⁷ Proposed Depth 5000'	¹⁸ Formation Grayburg-San Andres	¹⁹ Contractor pending	²⁰ Spud Date 6-1-05
Depth to Groundwater : 300'		Distance from nearest fresh water well 1 mile to the southeast		Distance from nearest surface water more than 5 miles
Pit: Liner: Synthetic X 12_mils thick Clay <input type="checkbox"/>		Pit Volume: 8000 bbls		
Closed-Loop System <input type="checkbox"/>		Drilling Method: Fresh Water X Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 3/8"	32#/24#	1600'	800+ sx CIC	surface
7 7/8"	5 1/2"	15.5/17#	5000'	700+ sx CIC	127000 15 16 17

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.

Propose to drill to 1600' r un 8 5/8", 24# surface casing cementing with sufficient cement to circulate to surface. Continue drilling to proposed total depth of 5000'. Log & run 5 1/2", 15.5#-17# casing with 700+ sx Cl C/poz cement. WOC, test casing & complete.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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 X, a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Ann E. Ritchie		Approved by:	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: JUN 09 2005	
Date: 5-19-05		Expiration Date:	
Phone: 432 684-6381		Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37278	Pool Code 62180	Pool Name Vacuum: Grayburg-San Andres
Property Code 300900	Property Name NEW MEXICO D STATE NCT-1	Well Number 4
OGRID No. 20713	Operator Name SHINNERY OIL COMPANY	Elevation 4046'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	17-S	34-E		330	SOUTH	690	WEST	LEA

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 40	Joint or Infill	Consolidation Code	Order No.
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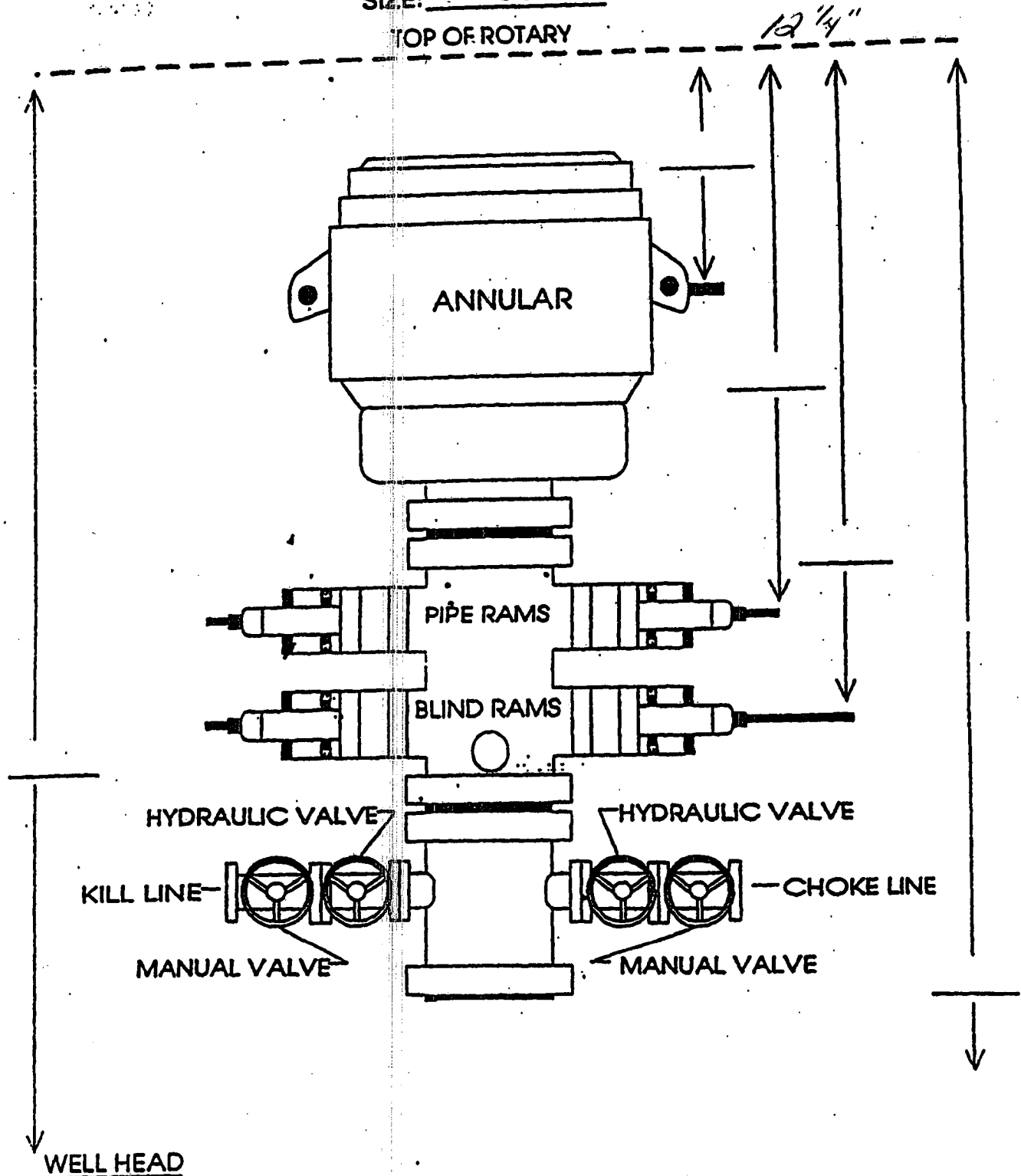
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=655407.3 N X=739397.6 E</p> <p>LAT.=32°47'57.77" N LONG.=103°33'15.28" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i> Signature JACK W. HOOD Printed Name PRESIDENT Title 3-3-05 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>FEBRUARY 14, 2005</p> <p>Date Surveyed JR</p> <p>Signature & Seal of Professional Surveyor <i>[Signature]</i> GARY EIDSON 2/21/05</p> <p>Certificate No. GARY EIDSON 12841</p>	

EXHIBIT A

B.O.P. STACK SPACING

SIZE: 3000#



WELL New Mexico D. State #4 CONTRACTOR Patterson UTI Drilg