

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesa, 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
Revised March 17, 1999

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

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Matador Operating Company 8340 Meadow Road #150 Dallas, TX 75231		² OGRID Number 14245
³ Property Code 27971	⁵ Property Name Shelley "35" State	³ API Number 30 - 025 - 36002
		⁶ Well No. 5

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
H	35	19S	37E		2165	North	580	East	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
⁹ Proposed Pool 1 Monument; Tubb					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3596'
¹⁶ Multiple No	¹⁷ Proposed Depth 7000'	¹⁸ Formation Tubb	¹⁹ Contractor Patterson	²⁰ Spud Date 9/25/02

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#	1350'	450	Cire to surface
7-7/8"	4-1/2"	11.6#	7000'	750	2000'

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.

Drill 12-1/4" hole to top of Anhydrite @± 1350'. Run and cement 8-5/8" casing. Nipple up 11" 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 7000'. Evaluate to run 4-1/2" casing.

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.

Signature: *Jim Kramer*
Printed name: Jim Kramer

Title: Sr. Drilling Engineer

Date: 9/16/02

Phone: 214-987-7128

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY

Approved by:

PAUL F. KAUTZ

PETROLEUM ENGINEER

Title:

Approval Date:

Expiration Date:

Conditions of Approval: SEP 23 2002

Attached

5
L
A

MP

DISTRICT I
 P. O. Box 1980
 Hobbs, NM 88241-1980

State of New Mexico
 Energy, Minerals, and Natural Resources Department

Form C-102
 Revised 02-10-94

Instructions on back

DISTRICT II
 P. O. Drawer DD
 Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
 P. O. Box 2088
 Santa Fe, New Mexico 87504-2088

Submit to the Appropriate
 District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

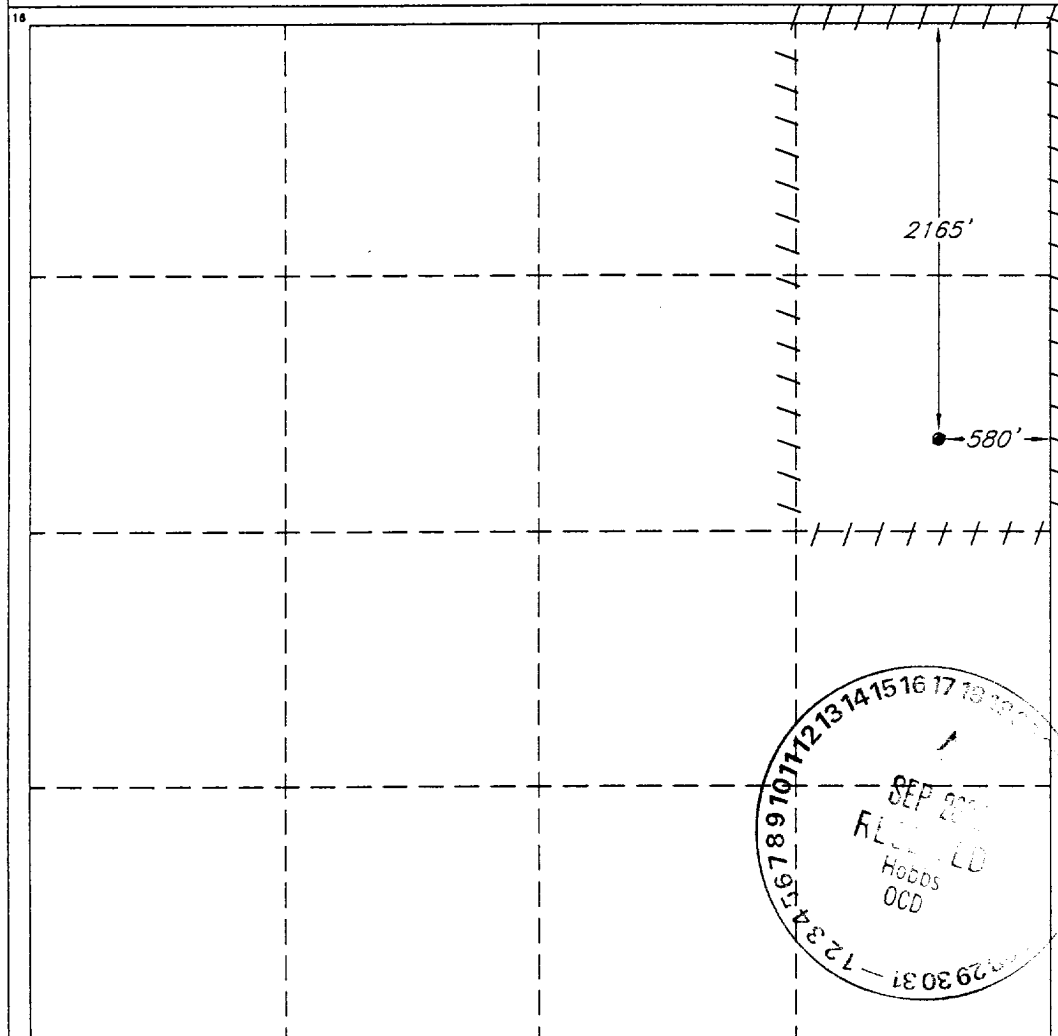
DISTRICT III
 1000 Rio Brazos Rd.
 Aztec, NM 87410

AMENDED REPORT

DISTRICT IV
 P. O. Box 2088
 Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-36002		2 Pool Code 47090		3 Pool Name Monumnet; Tubb					
4 Property Code 27971		5 Property Name SHELLEY '35' STATE						6 Well Number 5	
7 OGRID No. 14245		8 Operator Name MATADOR OPERATING COMPANY						9 Elevation 3596'	
10 SURFACE LOCATION									
UL or lot no. H	Section 35	Township 19 SOUTH	Range 37 EAST, N.M.P.M.	Lot Ida	Feet from the 2165'	North/South line NORTH	Feet from the 580'	East/West line EAST	County LEA
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 80		13 Joint or Infill		14 Consolidation Code		15 Order No.			
NO ALLOWABLE WELL BE 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: *Jim Kramer*

Printed Name: Jim Kramer

Title: Sr. Drilling Engineer

Date: 9/16/02

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.

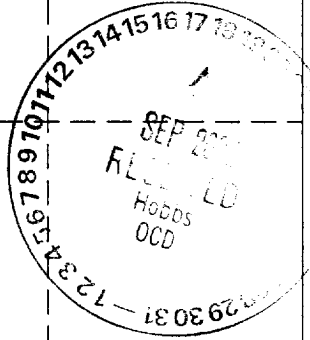
Date of Survey: MARCH 12, 2002

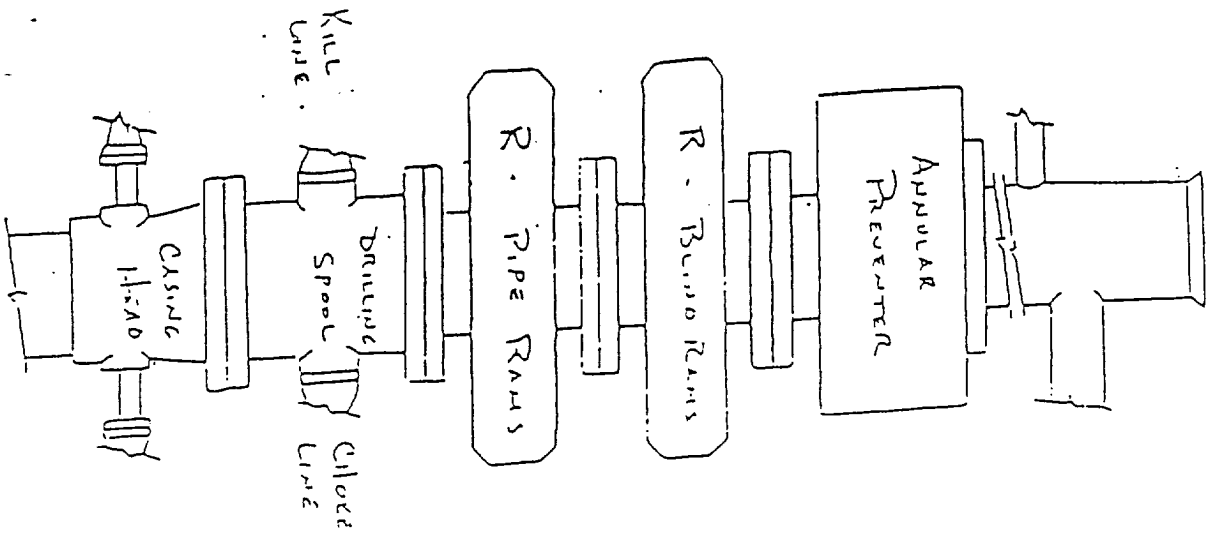
Signature and Seal of Professional Surveyor: *V. L. BEZNER*

Certification No.: **NO. 792**

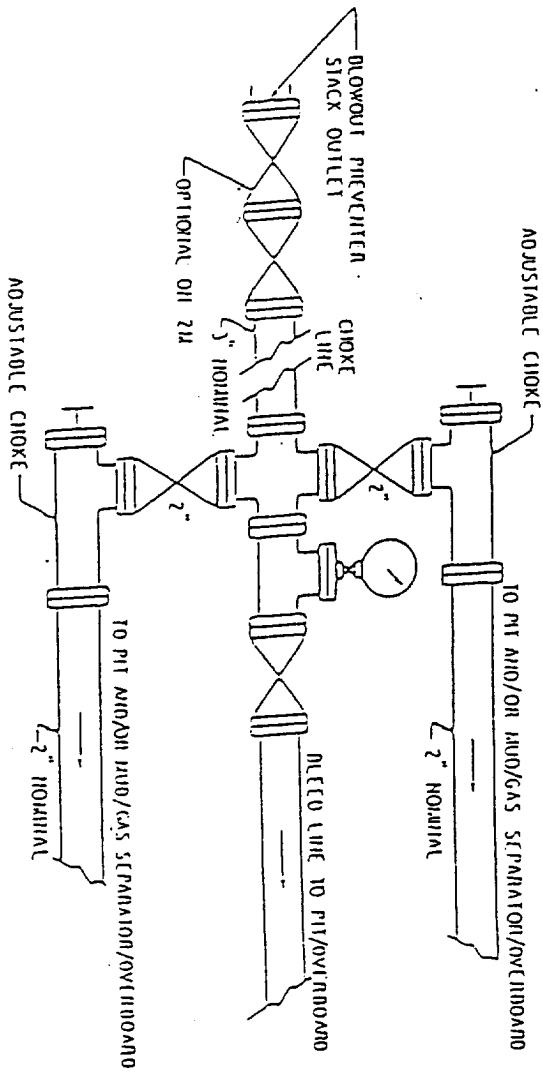
V. L. BEZNER, R.P.S. #792

JOB #80817-AZ-70SW / J.C.P.





3000 PSI
WORKING PRESSURE



MATADOR OPERATING COMPANY
SHELLEY "35" STATE #5
SEC. 35, T19S, R37E
LEA COUNTY, NM

BLOWOUT PREVENTER