

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

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

Form C-101
Revised March 17, 1999
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 API Number 30-025-35923
³ Property Code 29796	⁵ Property Name Shelley "34" State	⁶ Well No. 1

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
A	34	19S	37E		800	North	330	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

Skaggs, Wilcox, Drinkard, N.W.

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 3603'
¹⁶ Multiple No	¹⁷ Proposed Depth 7200'	¹⁸ Formation Drinkard	¹⁹ Contractor Patterson	²⁰ Spud Date 6/15/02

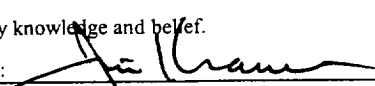
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1350'	450	Circ to surface
7-7/8"	4-1/2"	11.6#	7200'	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.

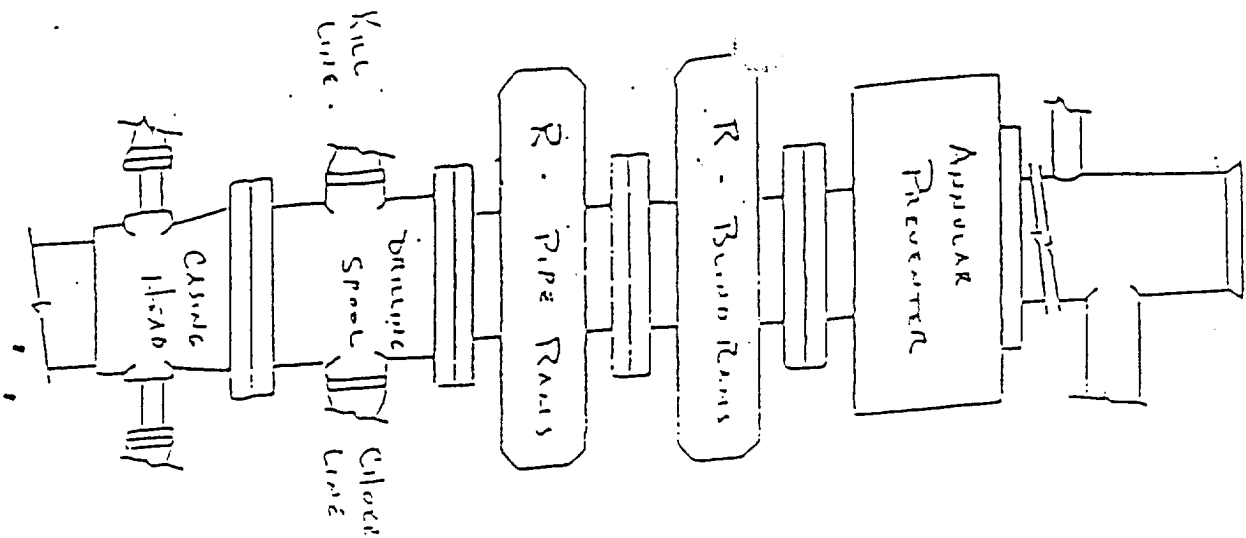
Drill 12-1/4" hole to top of Anhydrite @ \pm 1350'. Run and cement 8-5/8" casing. Nipple up 11' 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 7200' (top of Abo). Evaluate to run 4-1/2" casing.

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:  Printed name: Jim Kramer Title: Sr. Drilling Engineer Date: 5/23/02		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY PAUL F. KAUTZ Title: PETROLEUM ENGINEER Approval Date: JUN 04 2002 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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myP

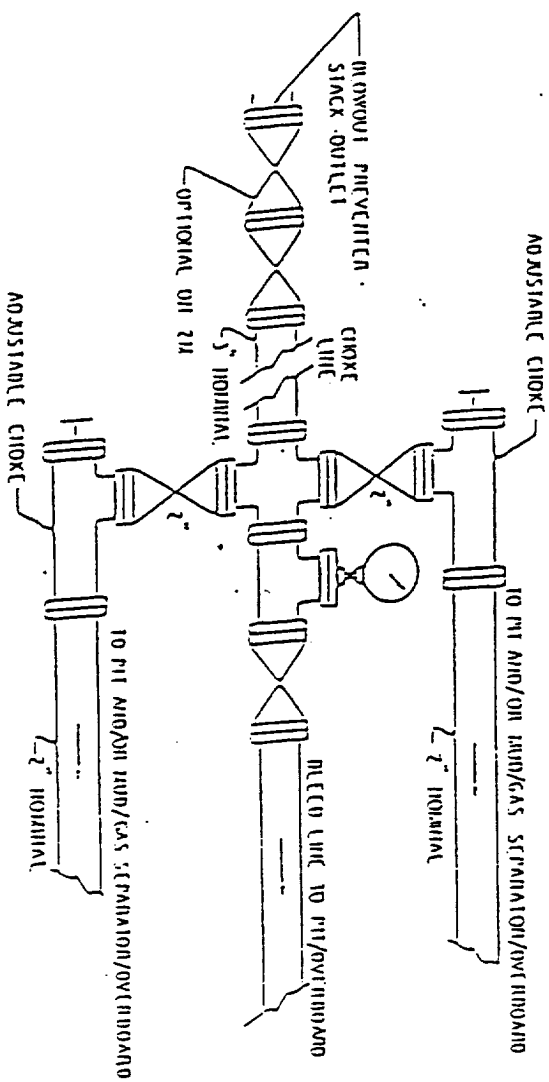
1 API Number 30-025-35923		2 Pool Code 96768		3 Pool Name SKAGGS; Wilcoat; Drinkard, NW					
4 Property Code 29796		5 Property Name SHELLEY '34' STATE			6 Well Number 1				
7 OGRID No. 14245		8 Operator Name MATADOR OPERATING COMPANY			9 Elevation 3603'				
10 SURFACE LOCATION									
UL or lot no. A	Section 34	Township 19 SOUTH	Range 37 EAST, N.M.P.M.	Lot Ida	Feet from the 800'	North/South line NORTH	Feet from the 330'	East/West line EAST	County LEA
"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 40		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 			
						Printed Name Jim Kramer			
						Title Sr. Drilling Engineer			
						Date 5/28/02			
						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 27, 2002			
						Signature and Seal of Professional Surveyor 			
						Certificate No. V. L. BEZNER R.P.S. #7920			
JOB # 81071 / 70 SW / J.C.P.									



3000 Psi
Working Pressure

MATADOR OPERATING COMPANY
SHELLEY "34" STATE #1
SEC. 34, T19S, R37E
LEA COUNTY, NEW MEXICO

BLOWOUT PREVENTER



ELF
8/23/02
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED