

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 12, 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. David H. Arrington Oil & Gas, Inc. P.O. Box 2071 Midland, Texas 79702		² OGRID Number 005898
		³ API Number 30 - 025 - 34697
⁴ Property Code 24865	⁵ Property Name Irresistible	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
E	33	16S	36E		1351'	North	696'	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

⁹ Proposed Pool 1 Northwest Wolfcamp	¹⁰ Proposed Pool 2 Mississippian
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¹¹ Work Type Code N	¹² Well Type Code G/O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3898'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,500'	¹⁸ Formation Wolfcamp/Mississippian	¹⁹ Contractor Patterson	²⁰ Spud Date August 11, 2000




²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48#	450'	500 sx	Circulate
11	8 5/8	32#	4950'	1300 sx	Circulate
7 7/8	5 1/2	17#	12,500'	800 sx	500' above upper most pay

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.

Set surface casing at 450'. Circulate cement to surface. Set intermediate casing at approximately 4900'. Cement. Install BOP's. Test casing to 1000 psi. Drill 7 7/8" hole to 12,500'. DST any prospective pays. Run 5 1/2" production casing through Wolfcamp if justified.

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.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: David H. Arrington		Title: 	
Title: President		Approval Date: AUG 24 2000 Expiration Date:	
Date: July 21, 2000	Phone: (915) 682-6685	Conditions of Approval : Attached <input type="checkbox"/>	



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. Box 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 30-025-34697		2 Pool Code	3 Pool Name WILDCAT WOLF CAMP / MISSISSIPPIAN
4 Property Code 24865	5 Property Name IRRESISTIBLE		6 Well Number 1
7 OGRID No. 5898	8 Operator Name DAVID H. ARRINGTON OIL & GAS, INC.		9 Elevation 3898'

10 SURFACE LOCATION

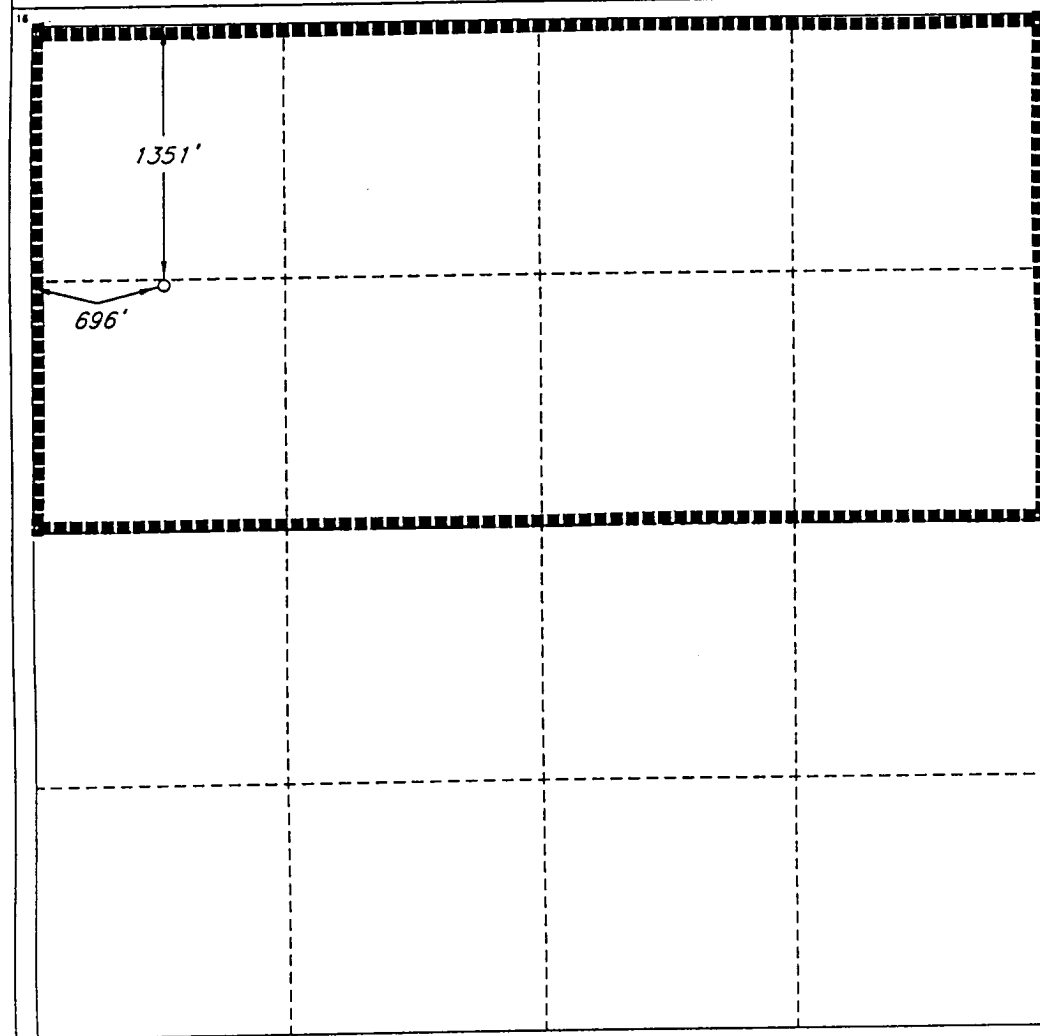
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	33	16 SOUTH	36 EAST, N.M.P.M.		1351'	NORTH	696'	WEST	LEA

"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 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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.

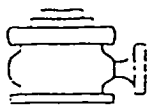
Signature *[Signature]*
Printed Name **BILL BAKER JR**
Title **Exploration Manager**
Date **7-18-00**

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 **OCT 18 2000**
Signature and Seal of Professional Surveyor
ROGER M. ROBBINS
Certificate No. **12128**
ROGER M. ROBBINS P.S. #12128
JOB #60713 / 96 NE / V.H.B.





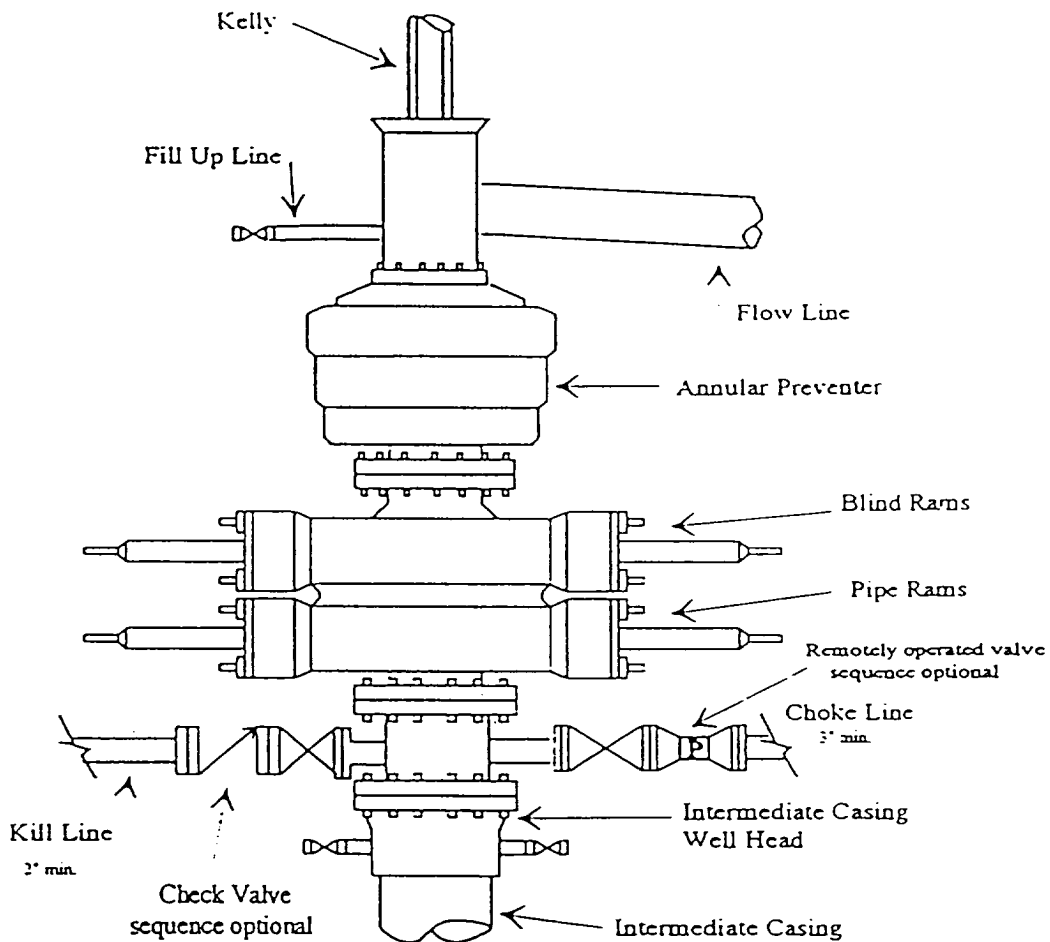
David H. Arrington Oil & Gas, Inc.

Irresistible #1

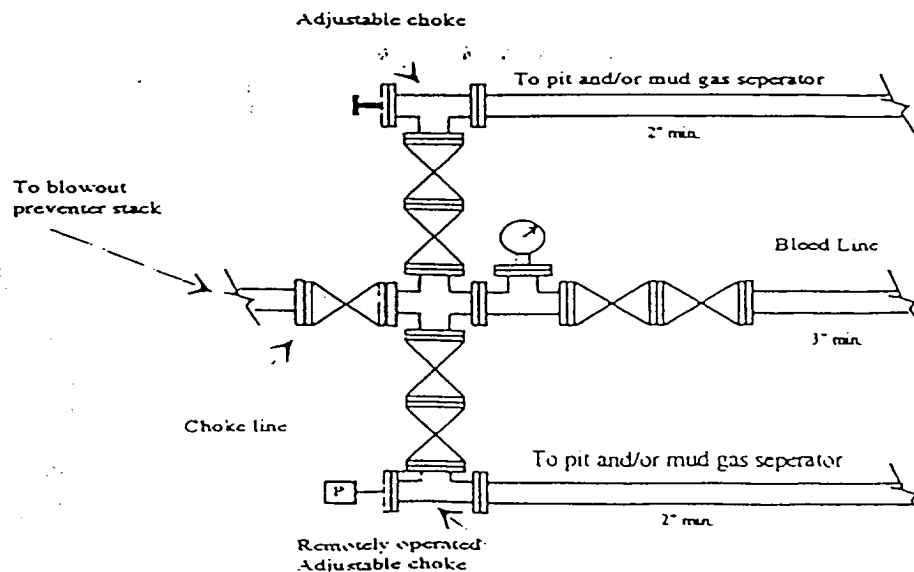
Typical 5,000 psi Pressure System

Schematic

Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features







NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

MAR 25 1999

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 19, 1999

David H. Arrington Oil & Gas, Inc.
P. O. Box 2071
Midland, Texas 79702
Attention: Bill Baker, Jr.

Telefax No. (915) 682- 4139

Administrative Order NSL-4236

Dear Mr. Baker:

Reference is made to your application dated March 8, 1999 for David H. Arrington Oil & Gas, Inc. ("Arrington") to drill its proposed Irresistible Well No. 1 to test the Wolfcamp formation at an unorthodox oil well location 1351 feet from the North line and 696 feet from the West line (Unit E) of Section 33, Township 16 South, Range 36 East, NMPM, Lea County, New Mexico. The SW/4 NW/4 of Section 33 is to be dedicated to this well in order to form a standard 40-acre oil spacing and proration unit.

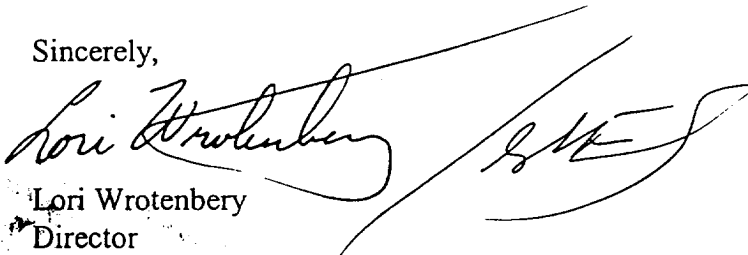
The geologic interpretation submitted with this application, based on 3-D seismic data, indicates that a well drilled at the proposed unorthodox oil well location should enable Arrington to intersect the potentially productive lower Wolfcamp interval at a more structural advantageous position than a well drilled at a location considered to be standard within the subject 40-acre unit.

Further, the W/2 NE/4, NW/4, N/2 SW/4, and NW/4 SE/4 of Section 33 is subject to a single fee lease agreement in which Arrington is the operator; therefore, there are no effected offsets to the subject 40-acre tract other than Arrington.

The application has been duly filed under the provisions of Division Rule 104.F.

By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox oil well location is hereby approved.

Sincerely,



Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs

