

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 ResourcesOIL 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 - 24963

⁴ Property Code 25254	⁵ Property Name Mayfly "14" State	⁶ Well No. 8
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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	14	16S	35E		2086'	North	766'	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 Townsend; Wildcat Cisco Perm Upper Perm	¹⁰ Proposed Pool 2
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¹¹ Work Type Code E	¹² Well Type Code Oil	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3964'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,300'	¹⁸ Formation Cisco Penn	¹⁹ Contractor Patterson	²⁰ Spud Date ASAP 10/17/00

²¹ Re-Enter: Current Well (Casing and Cement Program) Condition

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13"	50	370'	420 sx	Circulate Surface
12 1/4"	9 5/8"	36-40	1117'-4100'	350 sx	3006-Temp Survey
8 1/2"	-	-	TD - 12,050'	P&A'd per dated 4/23/75	attached C-103

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.

Proposed Casing and Cement Program:

17 1/2"	13"	50#	370'	420 sx	Surface
12 1/4"	9 5/8"	36-40#	4100'	600 sx	Surface
8 1/2"	5 1/2"	17#	11,150'	700 sx	9000'

Permit Expires 1 Year From Approval Date Unless Drilling Underway

Re-Entry

See Attached

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: David H. Arrington

Title: President

Date: October 6, 2000

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by: [Signature]

Title:

Approval Date:

OCT 23 2000

Expiration Date:

Conditions of Approval:

Attached ☐

1235

247

22. Proposed Program

1. MIRU drilling rig. Dig out and cut off 13" casing cap and clean out surface cement plug.
2. Weld on 13" casing stub and 13" x 9 5/8" casing head. Nipple up 10" Series 1500 BOP. Test BOP.
3. Run 12 1/4" bit and drill out cement plug cleaning out hole to 1,117'.
4. Tag top of 9 5/8" casing at 1,117'. Run mill and dress of 9 5/8".
5. Run 10 3/4" slip joint on 9 5/8" casing and tie 9 5/8" casing back together. Cement to surface.
6. Test BOP and 9 5/8" casing. Run 8 1/2" bit and drill out 9 5/8" casing.
7. Drill out cement plugs cleaning out 8 1/2" hole to 11,300'. Spot cement plug 11,300' - 11,000'. Run 8 1/2" bit and dress plug to 11,100'.
8. Condition mud. Run open hole logs.
9. Run 11,100' of 5 1/2" casing and cement to 9000'.
10. Complete well as a Cisco oil well at about 10,920' - 10,950'.
11. Potential test and file OCD completion forms.

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2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-24963	Pool Code 59847	Pool Name WILDCAT CISO Townsend Perm Upper Perm
Property Code 25254	Property Name MAYFLY "14" STATE	Well Number 8
OGED No. 5898	Operator Name DAVID H. ARRINGTON OIL & GAS, INC.	Elevation 3964

Surface Location

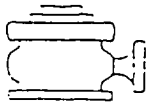
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	14	16S	35E		2088	NORTH	766	EAST	LEA

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.						

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

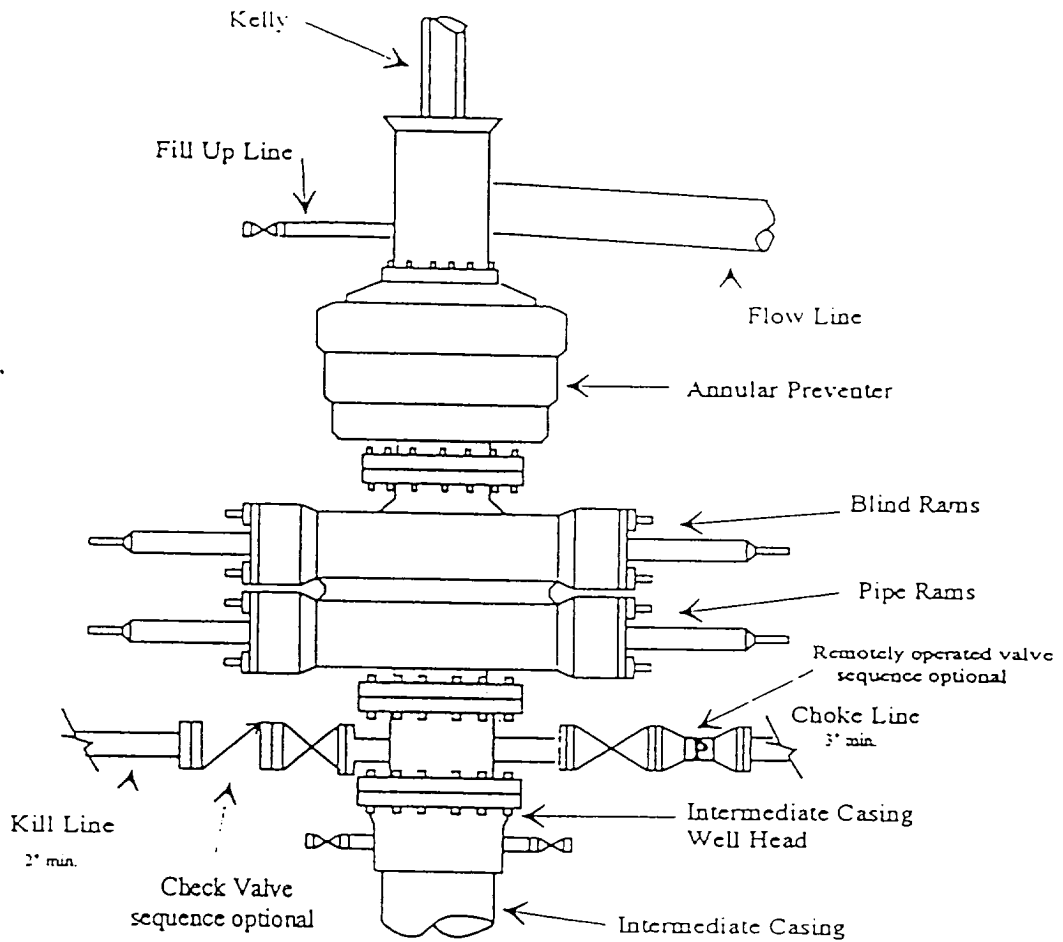
	OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. Signature <u><i>Bill Baker Jr</i></u> Printed Name <u>Bill Baker Jr</u> Title <u>Exploration Manager</u> Date <u>10-9-00</u>	
	SURVEYOR CERTIFICATION I hereby certify 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 Surveyed <u>10/05/2000</u>	
	Signature & Seal of Professional Surveyor 	
	Certificate No. <u>3640</u> L. Jones RLS 3640 DISK 35 GENERAL SURVEYING COMPANY	



Mayfly "14" State #8

David H. Arrington Oil & Gas, Inc.

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

