

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised June 10, 2003

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

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address DAVID H. ARRINGTON OIL & GAS INC PO BOX 2071 MIDLAND, TX 79702		² OGRID Number 5898
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 -015-34607	⁵ Pool Name Gopher WOLFCAMP GAS	⁶ Pool Code 77660
⁷ Property Code 35430	⁸ Property Name ORANGE COMET	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 35	Township 17S	Range 23E	Lot.Idn	Feet from the 400	North/South Line S	Feet from the 1880	East/West line E	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. B	Section 35	Township 17S	Range 23E	Lot Idn	Feet from the 660	North/South line N	Feet from the 1880	East/West line E	County EDDY
¹² Lse Code P	¹³ Producing Method Code PUMPING	¹⁴ Gas Connection Date 07/07/2006	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 36785	¹⁹ Transporter Name and Address Duke Energy Field Services, LP 3300 North Ast, Bldg 7 Midland, TX 79705	²⁰ POD	²¹ O/G G	²² POD ULSTR Location and Description SEC 35, T17S, R23E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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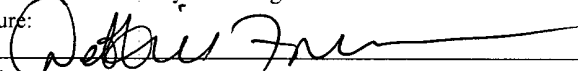
V. Well Completion Data

²⁵ Spud Date 03/13/2006	²⁶ Ready Date 07/07/2006	²⁷ TD 8498 MD 5122 TVD	²⁸ PBTD 8451	²⁹ Perforations 7810-8390	³⁰ DHC, MC
³¹ Hole Size 12 1/4"	³² Casing & Tubing Size 8 5/8"	³³ Depth Set 920'	³⁴ Sacks Cement 1100 SX		
7 7/8"	5 1/2"	8498'	930 SX		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 07/08/2006	³⁷ Test Date 07/15/2006	³⁸ Test Length 24 HRS	³⁹ Tbg. Pressure 360	⁴⁰ Csg. Pressure 150
⁴¹ Choke Size 31	⁴² Oil 0	⁴³ Water 104	⁴⁴ Gas 1458	⁴⁵ AOF C122 to Follow in Approx 30 days - still	⁴⁶ Test Method PUMPING Flowing back

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
DEBBIE FREEMAN

Title:
ENGINEER TECH

E-mail Address:
DEBBIE@ARRINGTONOIL.COM

Date: **07/21/2006** Phone: **(432)682-6685**

OIL CONSERVATION DIVISION

Approved by:

**BRYAN G. ARRANT
DISTRICT II GEOLOGIST**

Approval Date:

JUL 24 2006

**Orange Comet 1H
Cottonwood Creek Field
Eddy County, New Mexico**

RECEIVED

JUL 24 2006

QUANTILIA

**KB: 3935'
GL: 3916'**

**400' FSL
1880' FEL
S-35
T17S, R23E**

Existing Wellbore

API: 30-015-34607

**Rig Rel: 04/11/06
Spud: 03/13/06**

Bit Size: 12-1/4" to 920'

8-5/8" 32# J55 LTC @ 920'

w/ 200 sx Premium Plus w/ 10 pps DiamondSeal
(9.5 / 7.65) and
100 sx Premium Plus Thixset w/ 1% Thixset A,
0.25% WG-17 (14.0 / 1.53) and
650 sx Light Premium Plus w/ 5 pps gilsonite
& 2% CaCl₂ (12.4 / 2.04) and
500 sx Premium Plus w/ 2% CaCl₂ (14.8 / 1.34)
TOC @ ???'
1" to surface w/ 150 sx Premium Plus w/ 2% CaCl₂
Circ 5 sx

138 jts 2-7/8" 6.5# J55 EUE 8rd Tbg

Bit Size: 7-7/8"

Pilot Hole KOP @ 3500'

2.31" F sliding sleeve L (open up) @ 4365'
1 Jt 2-7/8"
T-2 On-Off Tool @ 4398' w/ 2.31" F nipple
Arrowset 1X pkr @ 4405' (2 pts tension)
10' 2-7/8" pup
2.31" F nipple @ 4416'
10' 2-7/8" pup
2.25" R nipple @ 4427'
W/L entry guide (EOT) @ 4428'

Smith OH Whipstock (slide) 4434' - 4443'

KOP @ 4443'
EOC @ 4903'

MD	Incl	DLS	MD	Incl	DLS	MD	Incl	DLS
4411	18.5	0.4	5844	91.3	1.3	7213	89.2	0.6
4495	28.5	12.0	5875	89.6	5.6	7245	89.2	2.2
4526	34.0	17.8	5907	89.7	6.6	7276	87.3	6.1
4558	38.9	15.4	5937	90.3	2.0	7308	87.1	0.6
4589	43.3	14.2	5996	90.6	0.5	7340	86.7	2.5
4621	48.4	16.0	6000	90.3	19.0	7371	86.9	2.3
4651	53.3	16.4	6032	90.1	4.4	7403	87.1	0.6
4683	57.0	11.7	6063	89.9	4.6	7435	86.7	2.5
4715	61.8	15.0	6095	89.6	1.6	7466	86.6	0.3
4746	66.0	13.6	6126	89.6	0.0	7498	86.7	1.3
4777	70.6	14.9	6158	89.7	1.3	7529	86.4	1.0
4809	74.1	10.9	6189	89.2	3.0	7560	85.7	2.6
4840	78.7	14.9	6221	89.7	2.0	7592	85.3	2.5
4872	83.9	16.3	6252	90.6	6.5	7623	85.5	0.6
4903	89.4	17.7	6284	91.3	9.0	7654	85.9	1.6
4935	91.0	5.2	6316	91.0	3.6	7686	86.7	4.2
4967	91.1	0.3	6347	90.6	6.9	7715	87.1	1.4
4997	92.7	5.3	6379	91.1	4.6	7747	88.5	4.9
5028	93.1	1.3	6410	91.5	1.3	7778	89.2	2.6
5059	93.1	0.0	6441	90.1	4.7	7810	90.3	3.4
5091	92.9	2.3	6473	90.6	2.7	7841	92.6	7.5
5122	93.4	3.6	6504	91.1	4.8	7873	93.4	2.7
5153	93.3	0.3	6536	90.6	1.6	7903	93.8	2.7
5185	93.6	1.6	6567	90.1	3.9	7934	92.6	3.9
5217	92.2	4.9	6598	90.4	3.4	7966	92.4	1.1
5248	92.0	2.3	6629	90.8	2.6	7996	92.2	1.5
5279	91.3	5.0	6661	91.3	2.7	8028	92.2	1.2
5310	89.7	7.8	6692	90.6	5.0	8059	92.4	1.2
5342	90.1	3.7	6723	90.8	0.6	8091	92.6	1.4
5373	89.9	1.2	6755	90.1	2.2	8123	92.6	3.4
5405	90.3	1.8	6775	90.3	1.0	8154	91.9	2.6
5436	90.6	2.5	6806	90.3	4.5	8186	92.7	3.3
5468	90.6	0.9	6838	90.4	1.3	8214	92.6	1.5
5499	90.4	0.6	6868	90.3	1.1	8246	91.9	3.1
5531	90.1	1.3	6899	91.1	2.9	8278	91.0	5.2
5562	90.6	1.6	6931	90.3	4.0	8309	91.0	0.0
5593	90.4	1.4	6963	88.7	11.2	8341	91.0	2.2
5624	90.6	3.3	6995	88.9	0.6	8372	91.3	1.6
5655	90.6	3.2	7026	89.4	3.9	8404	92.0	2.4
5687	91.0	1.8	7057	89.6	2.3	8435	91.7	1.4
5718	91.3	1.6	7089	89.9	1.6	8465	91.7	0.0
5750	90.6	4.1	7119	90.6	3.3	8498	91.7	0.0
5781	90.6	2.3	7151	91.1	2.7			
5812	91.0	1.3	7182	89.4	7.8			

Wolfcamp Perfs:

Group 1 7810', 7900', 8050', 8170', 8290' & 8390' (48 JH's, 6 spf/1.33')
Group 2 6860', 7000', 7120', 7270', 7420' & 7545' (48 JH's, 6 spf/1.33)
Group 3 5240', 5400', 5750', 5920', 6020' & 6200' (48 JH's, 6 spf/1.33)

Bit Size: 7-7/8"

EOL @ 8498'

5-1/2" 17# P110 LTC @ 8498'

w/ 500 sx Interfill C w/ 1/2# pps flocele (11.9 / 2.45) and
430 sx Howco Acid Soluble Cement w/ 0.7% Halad
344, 0.2% FWCA & 0.2% HR-601 (15.0 / 2.48)
Circ 25 sx. (AHS = 8.95")

TD: 8498'

PBTD: 8451'

Vertical TD: 5122'

4217' VS Single Lateral

MEE: 07/19/06