

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
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 Department

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Santa Fe Energy Resources, Inc. 550 W. Texas, Suite 1330 Midland, TX 79701		² OGRID Number 020305	
⁴ API Number 30-0 30-025-34456		³ Reason for Filing Code NW	
⁵ Pool Name Johnson Ranch Brinninstool (Wolfcamp)		⁶ Pool Code 79335	
⁷ Property Code 16629		⁸ Property Name Thistle Unit	
		⁹ Well Number 4	

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	34	23S	33E		660	South	1980	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/4/99		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
022507	Equilon Enterprises LLC 1100 Louisiana #2286C Houston, Texas 77002	2822959	0	(N), Sec. 34, T-23S, R-33E Thistle Unit #4
139633	Union Pacific Highland Gath 5613 DTC Parkway, S-850 Inglewood, CO 80111	2822960	G	(N), Sec. 34, T-23S, R-33E Thistle Unit #4

IV. Produced Water

²³ POD 2822961	²⁴ POD ULSTR Location and Description (N), Sec. 34, T-23S, R-33E (Thistle Unit Well No. 4 Battery)
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V. Well Completion Data

²⁵ Spud Date 10/10/98	²⁶ Ready Date 01/04/99	²⁷ TD 13.767'	²⁸ PBT 13.707'	²⁹ Perforations 13.475' - 13.619'	³⁰ DHC, DC, MC
³¹ Hole Size 17-1/2"	³² Casing & Tubing Size 13-3/8"	³³ Depth Set 605'		³⁴ Sacks Cement 600 sx C1 "C" (circ to surf)	
12-1/4"	9-5/8"	5.088'		1400 sx Poz & "C" (circ'd)	
8-3/4"	7"	12.640'		750 sx Poz "H"	
6-1/8"	4-1/2"	12.402' - 13.767'		245 sx C1 "H"	

VI. Well Test Data

³⁵ Date New Oil 1/4/99	³⁶ Gas Delivery Date 1/4/99	³⁷ Test Date 2/9/99	³⁸ Test Length 4 hrs / 24	³⁹ Tbg. Pressure 2910	⁴⁰ Csg. Pressure Pkr
⁴¹ Choke Size varied	⁴² Oil 9.2/55.2	⁴³ Water 0.5/3	⁴⁴ Gas 474/2844	⁴⁵ AOF 18,127	⁴⁶ Test Method 4-point

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: Terry McCullough
Printed name: Terry McCullough
Title: Sr. Production Clerk
Date: 2/15/99
Phone: 915/686-6612

OIL CONSERVATION DIVISION ORIGINAL COPIED BY TERRY WILLIAMS GRADUATE ENGINEER	
Approved by:	
Title:	
Approval Date:	MAR 09 1999

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date