

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

Submit one copy to appropriate District Office

Form C-104

Revised October 15, 2009

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 06/28/12
⁴ API Number 30 - 015-39295	⁵ Pool Name Winchester; Bone Spring	⁶ Pool Code 65010
⁷ Property Code 37199	⁸ Property Name Thompson 8 Federal	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. A	Section 8	Township 20S	Range 29E	Lot Idn	Feet from the 870	North/South Line North	Feet from the 310	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D	Section 8	Township 20S	Range 29E	Lot Idn	Feet from the 423	North/South line North	Feet from the 355	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 06/28/12	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 O/G/W
35246	Shell Trading US Co PO Box 4606 Houston TX 77210-4604	O
36785	DCP Midstream PO Box 50020 Midland, TX 79710	G

IV. Well Completion Data

²¹ Spud Date 04/18/12	²² Ready Date 06/28/12	²³ TD 12378' (MD) 7883' (TVD)	²⁴ PBDT 12330' (MD) 7886' (TVD)	²⁵ Perforations 8322' - 12330' (MD) 7945' - 7886' (TVD)	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	334'	600		
17 1/2"	13 3/8"	1177'	1000		
12 1/4"	9 5/8"	3230'	1685		
8 3/4"	7"	8230' MD 7944' TVD	1100		
6 1/8"	4 1/2"	8010' - 12330' MD 7894' - 7886' TVD	TOL @ 8010'		
	2 7/8"	7563'			

V. Well Test Data

³¹ Date New Oil 06/28/12	³² Gas Delivery Date 06/28/12	³³ Test Date 07/01/12	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 200	³⁶ Csg. Pressure 1100
³⁷ Choke Size NA	³⁸ Oil 532	³⁹ Water 2435	⁴⁰ Gas 449		⁴¹ Test Method Producing

⁴² 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:
Jackie LathanTitle:
Hobbs RegulatoryE-mail Address:
jlathan@mewbourne.com

Date:

07/10/12

Phone:

575-393-5905

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

30-015-39295

Packers Plus		Do It Once. Do It Right.		Confidential Information - not to be disclosed outside Mewbourne Oil Company		Final Completion	
Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 4-Jun-12			
Well Name Thompson 8 Federal 2H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM			
Depth	Drawing	Description	OD(in)	ID(in)	Length		
Page 1 of 3							
KOP 7420'							
TOL 8008.83' 63°							
7" Shoe 8230							
Stage 19 SNU0010703 8322.82' 311.45BBLs							
SNU0009992 8408.07'							
Stage 18 SNU0010582 8493.02' 314.00BBLs							
SNU0009755 8616.33'							
Stage 17 SNU0010577 8701.01' 317.12BBLs							
SNU0010085 8823.20'							
Stage 16 SNU0010556 8945.08' 320.78BBLs							
SNU0009766 9067.95'							
Service Center Midland, TX		Telephone 432-563-8024		Contact Scott Mabry		Telephone Chad Williams 405-255-3223	

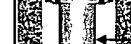
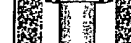
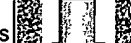
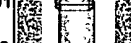
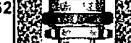
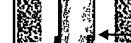
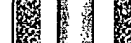
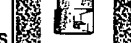
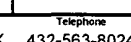
		Do It Once Do It Right	Confidential Information - not to be disclosed outside Mewbourne Oil Company		Final Completion	
Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 4-Jun-12		
Well Name Thompson 8 Federal 2H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM		
Depth	Drawing	Description	OD(in)	ID(in)	Length	
Page 2 of 3						
Stage 15 SNU0010550 9152.36' 323.89BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 3.000" Seat for 3.125" High Pressure Ball PN: 121332-000019 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	5 630"	3.000	2.65	
			4 500"	3.840		
			4 500"	3.92"	114 13	
			4 500"	3.92"	6 10	
			5 750"	3.875	5 25	
Stage 14 SNU0009381 9275.24' 327.57BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 11	
			4 500"	3.92"	113.90	
			5 630"	2.875	2 65	
Stage 13 SNU0010542 9397.50' 327.57BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.875" Seat for 3.000" High Pressure Ball PN: 121332-000018 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	113.33	
			4 500"	3.92"	6 11	
			5 750"	3.875	5 25	
Stage 12 SNU0010058 9519.59' 330.65BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 10	
			4 500"	3.92"	75 04	
			5 630"	2.750	2 65	
Stage 11 SNU0010472 9602.98' 330.65BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.750" Seat for 2.875" High Pressure Ball PN: 121332-000017 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	114.02	
			4 500"	3.92"	6 01	
			5 750"	3.875	5 25	
Stage 10 SNU0009229 9725.66' 334.32BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 11	
			4 500"	3.92"	113 53	
			5 630"	2.625	2 65	
Stage 9 SNU0010461 9847.55' 334.32BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.625" Seat for 2.750" High Pressure Ball PN: 121332-000016 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	113 39	
			4 500"	3.92"	6 08	
			5 750"	3.875	5 25	
Stage 8 SNU0010072 9969.67' 338.00BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 10	
			4 500"	3.92"	114 83	
			5 630"	2.500	2 65	
Stage 7 SNU0010425 10092.85' 338.00BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.500" Seat for 2.625" High Pressure Ball PN: 121332-000015 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	114 91	
			4 500"	3.92"	6 11	
			5 750"	3.875	5 25	
Stage 6 SNU0010266 10216.52' 341.69BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 11	
			4 500"	3.92"	114 21	
			5 630"	2.375	2 65	
Stage 5 SNU0010423 10339.09' 341.69BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.375" Seat for 2.500" High Pressure Ball PN: 121332-000014 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	114 26	
			4 500"	3.92"	6 12	
			5 750"	3.875	5 25	
Stage 4 SNU0010270 10462.12' 345.38BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 13	
			4 500"	3.92"	114 26	
			5 630"	2.250	2 65	
Stage 3 SNU0010418 10584.76' 345.38BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.250" Seat for 2.375" High Pressure Ball PN: 121332-000013 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	114.22	
			4 500"	3.92"	6 11	
			5 750"	3.875	5 25	
Stage 2 SNU0010261 10707.74' 348.48BBLs		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 2 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	3 11	
			4 500"	3.92"	75.48	
			5 630"	2.125	2 65	
Stage 1 SNU0010690 10791.58' 348.48BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.125" Seat for 2.250" High Pressure Ball PN: 121332-000012 (5 shear pins at 314 psi each: 1,570 psi opening pressure) 4-1/2" 13.50# P-110 LTC LINER JOINTS: 3 3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4 500"	3.92"	114.72	
Service Center Midland, TX		Telephone 432-563-8024	Contact Scott Mabry	Telephone Chad Williams 405-255-3223		



Do It Once.
Do It Right.

Confidential Information - not to be disclosed
outside Mewbourne Oil Company

Final
Completion

Prepared for Mr. Mickey Young		Company Mewbourne Oil Company	Date 4-Jun-12		
Well Name Thompson 8 Federal 2H		Type of Installation 19-Stage 4-1/2" StackFRAC® HD	Location Eddy County, NM		
Depth	Drawing	Description	OD(in)	ID(in)	Length
Page 3 of 3					
SNU0009760 10916.07'		6' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	6.12
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
		3' x 4 1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.11
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.90
Stage 7 SNU0010185 11038.33' 352.18BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 2.000" Seat for 2.125" High Pressure Ball PN: 121332-000011 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	2.000"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.80
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.12
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010309 11161.90'		3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.11
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.55
Stage 6 SNU0010178 11246.81' 355.31BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 1.875" Seat for 2.000" High Pressure Ball PN: 121332-000010 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	1.875"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	115.49
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.11
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010308 11371.06'		3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.11
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.50
Stage 5 SNU0010176 11455.92' 358.45BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 1.750" Seat for 1.875" High Pressure Ball PN: 121332-000009 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	1.750"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.82
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.13
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010322 11579.52'		3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.11
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.59
Stage 4 SNU0010101 11664.47' 361.57BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 1.625" Seat for 1.750" High Pressure Ball PN: 121332-000008 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	1.625"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.55
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.05
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010262 11787.72'		3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.11
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.58
Stage 3 SNU0010099 11872.66' 364.70BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 1.500" Seat for 1.625" High Pressure Ball PN: 121332-000007 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	1.500"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.84
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.07
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010259 11996.22'		3' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	3.10
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.28
Stage 2 SNU0009359 12118.85' 368.93BBLs		Packers Plus 4-1/2" Drillable FracPORT™ with 1.375" Seat for 1.500" High Pressure Ball PN: 121332-000006 (5 shear pins at 314 psi each: 1,570 psi opening pressure)	5.630"	1.375"	2.65
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 3	4.500"	3.92"	114.82
		6' x 4-1/2" 13 50# P-110 LTC Pup Joint	4.500"	3.92"	6.01
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 124929-000004 (4 shear pins at 522 psi each: 2,088 psi setting pressure)	5.750"	3.875"	5.25
SNU0010263 12242.33'		3' x 4-1/2" 13.50# P-110 LTC Pup Joint	4.500"	3.92"	3.13
		4-1/2" 13.50# P-110 LTC LINER JOINTS: 2	4.500"	3.92"	76.54
Stage 1 12330.00' 371.56BBLs		Customer 4-1/2" Pump Off Sub (Pinned above 4000 PSI)			2.75
TMD 12378'					
Service Center Midland, TX	Telephone 432-563-8024	Contact Scott Mabry	Telephone	Chad Williams 405-255-3223	