

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Energy, Minerals and Natural Resources

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

Form C-101
August 1, 2011

Permit 178075

RCVD DEC 20 13
OIL CON. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MERRION OIL & GAS CORP 610 Reilly Ave Farmington, NM 87401		2. OGRID Number 14634
		3. API Number 30-045-35502
4. Property Code 40300	5. Property Name Chimichanga	6. Well No. 003H

7. Surface Location

UL - Lot L	Section 36	Township 24N	Range 09W	Lot Idn	Feet From 1980	N/S Line S	Feet From 251	E/W Line W	County SAN JUAN
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8. Proposed Bottom Hole Location

UL - Lot I	Section 36	Township 24N	Range 09W	Lot Idn I	Feet From 1980	N/S Line S	Feet From 330	E/W Line E	County San Juan
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9. Pool Information

BASIN MANCOS	.97232
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 6920
16. Multiple N	17. Proposed Depth 9612	18. Formation Mancos Formation	19. Contractor	20. Spud Date 3/3/2014
Depth to Ground water 7500		Distance from nearest fresh water well > 1000'		Distance to nearest surface water > 1000'

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	500	195	0
Int1	8.75	7	23	5497	665	0
Prod	6.125	4.5	11.6	9612	0	0

Casing/Cement Program: Additional Comments

4-1/2 production liner will have no cement- swell packer 7" Intermediate casing; first stage 306.45 cf, second stage 567.50 cf
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	TBD
Hydri1	3000	3000	TBD
Blind	3000	3000	TBD
Pipe	3000	3000	TBD

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

I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature: *Philana Thompson*
Printed Name: *Philana Thompson*
Title: *Regulatory Compliance Spec.*
Email Address: *pthompson@emerrion-bz*

OIL CONSERVATION DIVISION

Approved By: *Charles Bern* 12-20-2013
Title: **SUPERVISOR DISTRICT # 3**
Approved Date: **DEC 20 2013** Expiration Date: **DEC 20 2015**

DEC 20 2013 ca

PV

DEC 20 2015

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30045-35502	*Pool Code 97232	*Pool Name BASIN MANCOS
*Property Code 40300	*Property Name CHIMICHANGA	*Well Number 3H
*OGARD No. 14634	*Operator Name MERRION OIL & GAS CORPORATION	*Elevation 6920

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
L	36	24N	9W		1980	SOUTH	251	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

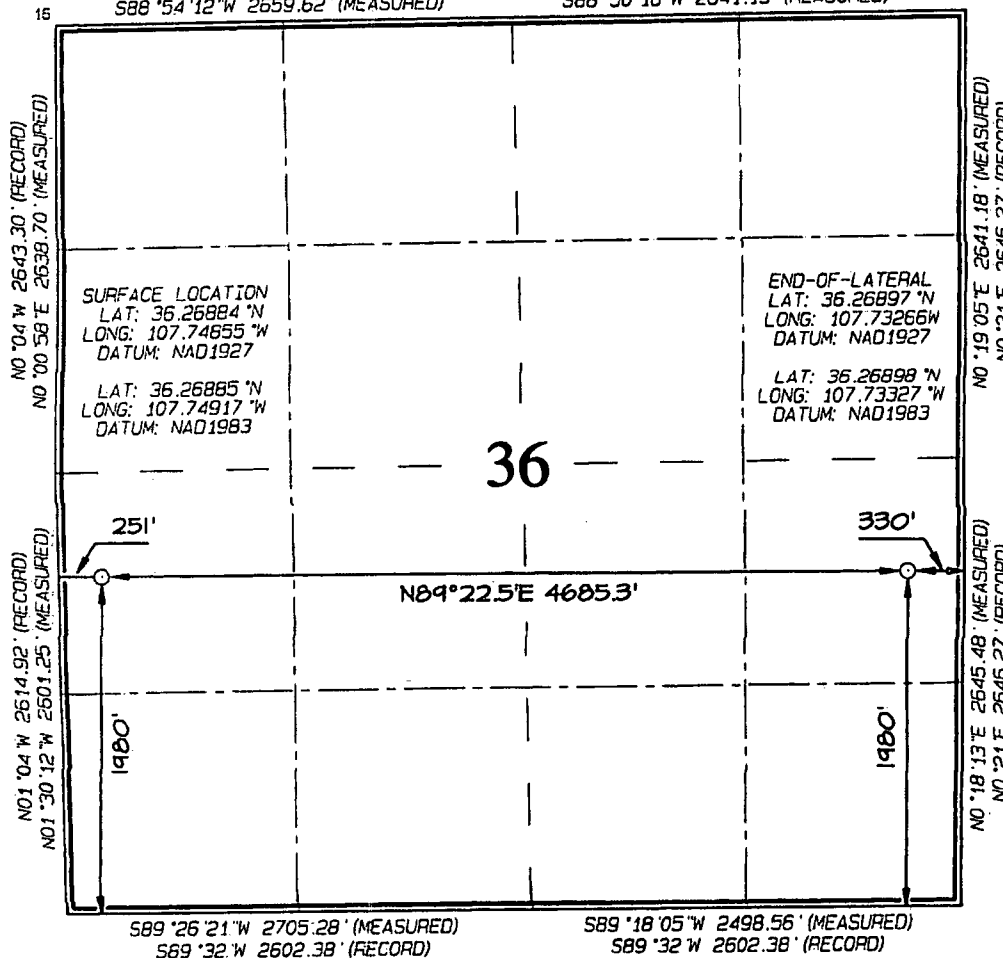
UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
I	36	24N	9W		1980	SOUTH	330	EAST	SAN JUAN

12 Dedicated Acres	640.0 Acres Entire Section 36	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

S89 °09 'W : 2645.94 ' (RECORD)
S88 °54 '12 "W 2659.62 ' (MEASURED)

589°09'W 2645.94' (RECORD)
588°50'16"W 2641.13' (MEASURED)



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to an intradivisional pooling order, a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Philena Thompson Date 12-5-13

Philana Thompson

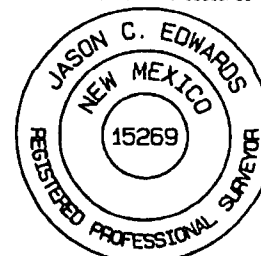
Printed Name pthompson@merlion.be

18 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.

Survey Date: OCTOBER 25, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Directions from the Intersection of US Hwy 550 & US Hwy 64
in Bloomfield, NM to Merrion Oil & Gas Corporation Chimichanga #3H
1980' FSL & 251' FWL, Section 36, T24N, R9W, N.M.P.M., San Juan County, NM

Latitude: 36.26885°N Longitude: 107.74917°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 36.0 miles to Mile Marker 115.6;

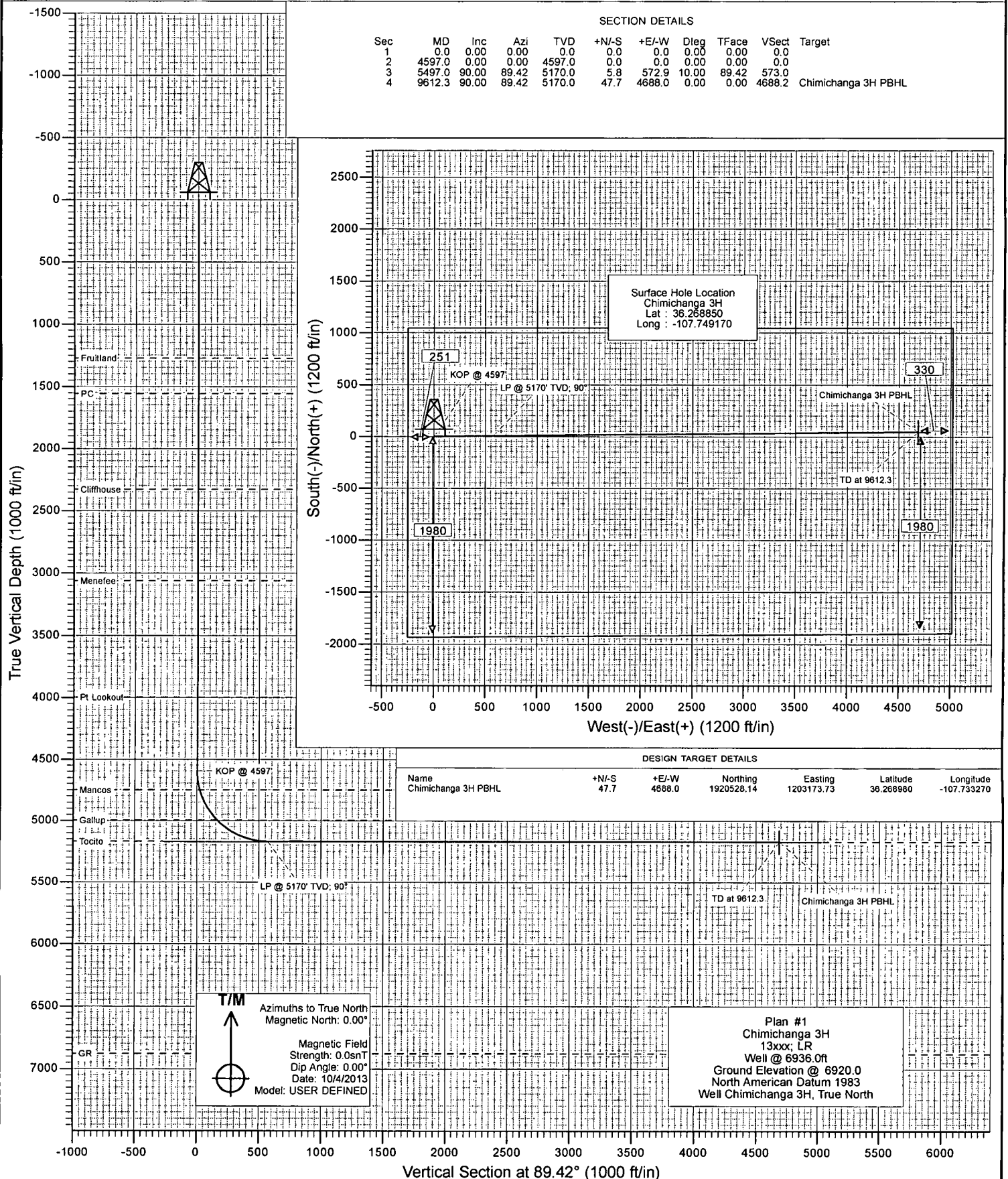
Go right (South-westerly) on County Road #7800 at Nageezi Post Office for 0.2 miles to new access on right-hand side of existing roadway which continues North-westerly for 2173' to staked Merrion Chimichanga #3H location.

Section 36, T22N, R6W - 4 Horizontal Mancos Wells

	Formation	SS	TVD
	GR	6878	6878
	Fruitland	5605	1273
	PC	5320	1558
	Cliffhouse	4550	2328
	Menefee	3816	3063
	Pt Lookout	2880	3998
	Mancos	2128	4750
	Gallup	1881	4997
<i>Target</i>	Tocito	1709	5170
	TVD		5420

Merrion Oil & Gas

Project: Sandoval County, NM
 Site: S36-T24N-R9W
 Well: Chimichanga 3H
 Wellbore: Hz
 Design: Plan #1



Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Chimichanga 3H
Company:	Merrion Oil & Gas	TVD Reference:	Well @ 6936.0ft
Project:	Sandoval County, NM	MD Reference:	Well @ 6936.0ft
Site:	S36-T24N-R9W	North Reference:	True
Well:	Chimichanga 3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Project	Sandoval County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	S36-T24N-R9W				
Site Position:		Northing:	1,917,211.45 ft	Latitude:	36.210149
From:	Map	Easting:	2,747,901.62 ft	Longitude:	-102.496595
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	2.22 °

Well	Chimichanga 3H					
Well Position	+N/-S	0.0 ft	Northing:	1,920,553.00 ft	Latitude:	36.268850
	+E/-W	0.0 ft	Easting:	1,198,485.59 ft	Longitude:	-107.749170
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,920.0 ft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	10/4/2013	0.00	0.00	0

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	89.42

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,597.0	0.00	0.00	4,597.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,497.0	90.00	89.42	5,170.0	5.8	572.9	10.00	10.00	0.00	89.42	
9,612.3	90.00	89.42	5,170.0	47.7	4,688.0	0.00	0.00	0.00	0.00	Chimichanga 3H PBH

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Chimichanga 3H
Company:	Merrion Oil & Gas	TVD Reference:	Well @ 6936.0ft
Project:	Sandoval County, NM	MD Reference:	Well @ 6936.0ft
Site:	S36-T24N-R9W	North Reference:	True
Well:	Chimichanga 3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	
1,273.0	0.00	0.00	1,273.0	0.0	0.0	0.0	0.00	0.00	Fruitland
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	
1,558.0	0.00	0.00	1,558.0	0.0	0.0	0.0	0.00	0.00	PC
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	
2,328.0	0.00	0.00	2,328.0	0.0	0.0	0.0	0.00	0.00	Cliffhouse
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	
3,063.0	0.00	0.00	3,063.0	0.0	0.0	0.0	0.00	0.00	Menefee
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	
3,998.0	0.00	0.00	3,998.0	0.0	0.0	0.0	0.00	0.00	Pt Lookout
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	
4,597.0	0.00	0.00	4,597.0	0.0	0.0	0.0	0.00	0.00	KOP @ 4597'

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Chimichanga 3H
Company:	Merrion Oil & Gas	TVD Reference:	Well @ 6936.0ft
Project:	Sandoval County, NM	MD Reference:	Well @ 6936.0ft
Site:	S36-T24N-R9W	North Reference:	True
Well:	Chimichanga 3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	H2		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,600.0	0.30	89.42	4,600.0	0.0	0.0	0.0	10.00	10.00	Well #3 Pad 2 LP (copy) - Well #3 Pad 2 LP - V
4,700.0	10.30	89.42	4,699.4	0.1	9.2	9.2	10.00	10.00	
4,751.9	15.48	89.42	4,750.0	0.2	20.8	20.8	10.00	10.00	
4,800.0	20.30	89.42	4,795.8	0.4	35.6	35.6	10.00	10.00	Mancos
4,900.0	30.30	89.42	4,886.1	0.8	78.2	78.2	10.00	10.00	
5,000.0	40.30	89.42	4,967.6	1.4	135.9	136.0	10.00	10.00	
5,039.8	44.27	89.42	4,997.0	1.7	162.7	162.7	10.00	10.00	Gallup
5,100.0	50.30	89.42	5,037.8	2.1	206.9	206.9	10.00	10.00	
5,200.0	60.30	89.42	5,094.7	2.9	289.0	289.0	10.00	10.00	
5,300.0	70.30	89.42	5,136.5	3.9	379.8	379.8	10.00	10.00	LP @ 5170' TVD; 90° - Tocito
5,400.0	80.30	89.42	5,161.8	4.8	476.4	476.4	10.00	10.00	
5,497.0	90.00	89.42	5,170.0	5.8	572.9	573.0	10.00	10.00	
5,500.0	90.00	89.42	5,170.0	5.9	575.9	575.9	0.01	0.01	
5,600.0	90.00	89.42	5,170.0	6.9	675.9	675.9	0.00	0.00	
5,700.0	90.00	89.42	5,170.0	7.9	775.9	775.9	0.00	0.00	
5,800.0	90.00	89.42	5,170.0	8.9	875.9	875.9	0.00	0.00	
5,900.0	90.00	89.42	5,170.0	9.9	975.9	975.9	0.00	0.00	
6,000.0	90.00	89.42	5,170.0	11.0	1,075.9	1,075.9	0.00	0.00	
6,100.0	90.00	89.42	5,170.0	12.0	1,175.9	1,175.9	0.00	0.00	
6,200.0	90.00	89.42	5,170.0	13.0	1,275.8	1,275.9	0.00	0.00	
6,300.0	90.00	89.42	5,170.0	14.0	1,375.8	1,375.9	0.00	0.00	
6,400.0	90.00	89.42	5,170.0	15.0	1,475.8	1,475.9	0.00	0.00	
6,500.0	90.00	89.42	5,170.0	16.0	1,575.8	1,575.9	0.00	0.00	
6,600.0	90.00	89.42	5,170.0	17.1	1,675.8	1,675.9	0.00	0.00	
6,700.0	90.00	89.42	5,170.0	18.1	1,775.8	1,775.9	0.00	0.00	
6,800.0	90.00	89.42	5,170.0	19.1	1,875.8	1,875.9	0.00	0.00	
6,900.0	90.00	89.42	5,170.0	20.1	1,975.8	1,975.9	0.00	0.00	
7,000.0	90.00	89.42	5,170.0	21.1	2,075.8	2,075.9	0.00	0.00	
7,100.0	90.00	89.42	5,170.0	22.1	2,175.8	2,175.9	0.00	0.00	
7,200.0	90.00	89.42	5,170.0	23.2	2,275.8	2,275.9	0.00	0.00	
7,300.0	90.00	89.42	5,170.0	24.2	2,375.8	2,375.9	0.00	0.00	
7,400.0	90.00	89.42	5,170.0	25.2	2,475.8	2,475.9	0.00	0.00	
7,500.0	90.00	89.42	5,170.0	26.2	2,575.8	2,575.9	0.00	0.00	
7,600.0	90.00	89.42	5,170.0	27.2	2,675.8	2,675.9	0.00	0.00	
7,700.0	90.00	89.42	5,170.0	28.3	2,775.8	2,775.9	0.00	0.00	
7,800.0	90.00	89.42	5,170.0	29.3	2,875.8	2,875.9	0.00	0.00	
7,900.0	90.00	89.42	5,170.0	30.3	2,975.8	2,975.9	0.00	0.00	
8,000.0	90.00	89.42	5,170.0	31.3	3,075.8	3,075.9	0.00	0.00	
8,100.0	90.00	89.42	5,170.0	32.3	3,175.8	3,175.9	0.00	0.00	
8,200.0	90.00	89.42	5,170.0	33.3	3,275.7	3,275.9	0.00	0.00	
8,300.0	90.00	89.42	5,170.0	34.4	3,375.7	3,375.9	0.00	0.00	
8,400.0	90.00	89.42	5,170.0	35.4	3,475.7	3,475.9	0.00	0.00	
8,500.0	90.00	89.42	5,170.0	36.4	3,575.7	3,575.9	0.00	0.00	
8,600.0	90.00	89.42	5,170.0	37.4	3,675.7	3,675.9	0.00	0.00	
8,700.0	90.00	89.42	5,170.0	38.4	3,775.7	3,775.9	0.00	0.00	
8,800.0	90.00	89.42	5,170.0	39.5	3,875.7	3,875.9	0.00	0.00	
8,900.0	90.00	89.42	5,170.0	40.5	3,975.7	3,975.9	0.00	0.00	
9,000.0	90.00	89.42	5,170.0	41.5	4,075.7	4,075.9	0.00	0.00	
9,100.0	90.00	89.42	5,170.0	42.5	4,175.7	4,175.9	0.00	0.00	
9,200.0	90.00	89.42	5,170.0	43.5	4,275.7	4,275.9	0.00	0.00	
9,300.0	90.00	89.42	5,170.0	44.5	4,375.7	4,375.9	0.00	0.00	
9,400.0	90.00	89.42	5,170.0	45.6	4,475.7	4,475.9	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Chimichanga 3H
Company:	Merrion Oil & Gas	TVD Reference:	Well @ 6936.0ft
Project:	Sandoval County, NM	MD Reference:	Well @ 6936.0ft
Site:	S36-T24N-R9W	North Reference:	True
Well:	Chimichanga 3H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
9,500.0	90.00	89.42	5,170.0	46.6	4,575.7	4,575.9	0.00	0.00	
9,600.0	90.00	89.42	5,170.0	47.6	4,675.7	4,675.9	0.00	0.00	
9,612.3	90.00	89.42	5,170.0	47.7	4,688.0	4,688.2	0.00	0.00	TD at 9612.3 - Well #3 Pad 2 PBHL 2 - Chimich

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
Well #3 Pad 2 LP (copy)	0.00	0.00	12,016.0	-1,940,848.7	-1,169,231.1	-1,961.50	-652.76	30.888734	-111.478455
- plan misses target center by 2265844.2ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									
Well #3 Pad 2 LP	0.00	0.00	12,016.0	-1,940,848.7	-1,169,231.1	-1,961.50	-652.76	30.888734	-111.478455
- plan misses target center by 2265844.2ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									
Well #3 Pad 2 PBHL	0.00	0.00	12,016.0	-1,940,724.1	-1,173,189.1	-1,775.72	-4,608.41	30.888733	-111.491041
- plan misses target center by 2267782.6ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									
Well #3 Pad 2 PBHL 2	0.00	0.00	5,170.0	44.1	4,867.8	1,920,521.74	1,203,353.50	36.268970	-107.732660
- plan misses target center by 179.9ft at 9612.3ft MD (5170.0 TVD, 47.7 N, 4688.0 E)									
- Circle (radius 660.0)									
Well #1 Pad 2 LP	0.00	0.00	12,016.0	-1,938,210.0	-1,169,148.0	675.56	-528.88	30.895970	-111.478455
- plan misses target center by 2263541.5ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									
Chimichanga 3H PBHL	0.00	0.00	5,170.0	47.7	4,688.0	1,920,528.14	1,203,173.73	36.268980	-107.733270
- plan hits target center									
- Polygon									
Point 1			5,170.0	1,000.0	330.0	1,921,522.91	1,203,519.17		
Point 2			5,170.0	-1,940.0	330.0	1,918,583.26	1,203,473.65		
Point 3			5,170.0	-1,980.0	-4,936.3	1,918,624.80	1,198,207.36		
Point 4			5,170.0	1,000.0	-4,936.3	1,921,604.44	1,198,253.50		
Well #1 Pad 2 PBHL	0.00	0.00	12,016.0	-1,938,085.4	-1,173,106.2	861.38	-4,484.65	30.895969	-111.491042
- plan misses target center by 2265481.9ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									
Well #3 Pad 2 PBHL (co	0.00	0.00	12,016.0	-1,940,724.1	-1,173,189.1	-1,775.72	-4,608.41	30.888733	-111.491041
- plan misses target center by 2267782.6ft at 4600.0ft MD (4600.0 TVD, 0.0 N, 0.0 E)									
- Circle (radius 660.0)									

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,597.0	4,597.0	0.0	0.0	KOP @ 4597'
5,497.0	5,170.0	5.8	572.9	LP @ 5170' TVD; 90°
9,612.3	5,170.0	47.7	4,688.0	TD at 9612.3

	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V.Sec. (ft)	DLeg (°/100 Tool
1	0	0	0	0	0	0	0	0 UNDEFINED
2	100	0	0	100	0	0	0	0 MWD (1)
3	200	0	0	200	0	0	0	0 MWD (1)
4	300	0	0	300	0	0	0	0 MWD (1)
5	400	0	0	400	0	0	0	0 MWD (1)
6	500	0	0	500	0	0	0	0 MWD (1)
7	600	0	0	600	0	0	0	0 MWD (1)
8	700	0	0	700	0	0	0	0 MWD (1)
9	800	0	0	800	0	0	0	0 MWD (1)
10	900	0	0	900	0	0	0	0 MWD (1)
11	1000	0	0	1000	0	0	0	0 MWD (1)
12	1100	0	0	1100	0	0	0	0 MWD (1)
13	1200	0	0	1200	0	0	0	0 MWD (1)
14	1300	0	0	1300	0	0	0	0 MWD (1)
15	1400	0	0	1400	0	0	0	0 MWD (1)
16	1500	0	0	1500	0	0	0	0 MWD (1)
17	1600	0	0	1600	0	0	0	0 MWD (1)
18	1700	0	0	1700	0	0	0	0 MWD (1)
19	1800	0	0	1800	0	0	0	0 MWD (1)
20	1900	0	0	1900	0	0	0	0 MWD (1)
21	2000	0	0	2000	0	0	0	0 MWD (1)
22	2100	0	0	2100	0	0	0	0 MWD (1)
23	2200	0	0	2200	0	0	0	0 MWD (1)
24	2300	0	0	2300	0	0	0	0 MWD (1)
25	2400	0	0	2400	0	0	0	0 MWD (1)
26	2500	0	0	2500	0	0	0	0 MWD (1)
27	2600	0	0	2600	0	0	0	0 MWD (1)
28	2700	0	0	2700	0	0	0	0 MWD (1)
29	2800	0	0	2800	0	0	0	0 MWD (1)
30	2900	0	0	2900	0	0	0	0 MWD (1)
31	3000	0	0	3000	0	0	0	0 MWD (1)
32	3100	0	0	3100	0	0	0	0 MWD (1)
33	3200	0	0	3200	0	0	0	0 MWD (1)
34	3300	0	0	3300	0	0	0	0 MWD (1)
35	3400	0	0	3400	0	0	0	0 MWD (1)
36	3500	0	0	3500	0	0	0	0 MWD (1)
37	3600	0	0	3600	0	0	0	0 MWD (1)
38	3700	0	0	3700	0	0	0	0 MWD (1)
39	3800	0	0	3800	0	0	0	0 MWD (1)
40	3900	0	0	3900	0	0	0	0 MWD (1)
41	4000	0	0	4000	0	0	0	0 MWD (1)
42	4100	0	0	4100	0	0	0	0 MWD (1)
43	4200	0	0	4200	0	0	0	0 MWD (1)
44	4300	0	0	4300	0	0	0	0 MWD (1)
45	4400	0	0	4400	0	0	0	0 MWD (1)

46	4500	0	0	4500	0	0	0	0 MWD (1)
47	4597	0	0	4597	0	0	0	0 MWD (1)
48	4600	0.3	89.42	4600	0	0	0	10 MWD (1)
49	4650	5.3	89.42	4649.9	0	2.4	2.4	10 MWD (1)
50	4700	10.3	89.42	4699.4	0.1	9.2	9.2	10 MWD (1)
51	4750	15.3	89.42	4748.2	0.2	20.3	20.3	10 MWD (1)
52	4800	20.3	89.42	4795.8	0.4	35.6	35.6	10 MWD (1)
53	4850	25.3	89.42	4841.9	0.6	54.9	54.9	10 MWD (1)
54	4900	30.3	89.42	4886.1	0.8	78.2	78.2	10 MWD (1)
55	4950	35.3	89.42	4928.1	1.1	105.3	105.3	10 MWD (1)
56	5000	40.3	89.42	4967.6	1.4	135.9	136	10 MWD (1)
57	5050	45.3	89.42	5004.3	1.7	169.9	169.9	10 MWD (1)
58	5100	50.3	89.42	5037.8	2.1	206.9	206.9	10 MWD (1)
59	5150	55.3	89.42	5068.1	2.5	246.7	246.7	10 MWD (1)
60	5200	60.3	89.42	5094.7	2.9	289	289	10 MWD (1)
61	5250	65.3	89.42	5117.6	3.4	333.5	333.5	10 MWD (1)
62	5300	70.3	89.42	5136.5	3.9	379.8	379.8	10 MWD (1)
63	5350	75.3	89.42	5151.2	4.4	427.5	427.5	10 MWD (1)
64	5400	80.3	89.42	5161.8	4.8	476.4	476.4	10 MWD (1)
65	5450	85.3	89.42	5168.1	5.4	525.9	526	10 MWD (1)
66	5497	90	89.42	5170	5.8	572.9	573	10 MWD (1)
67	5500	90	89.42	5170	5.9	575.9	575.9	0 MWD (1)
68	5600	90	89.42	5170	6.9	675.9	675.9	0 MWD (1)
69	5700	90	89.42	5170	7.9	775.9	775.9	0 MWD (1)
70	5800	90	89.42	5170	8.9	875.9	875.9	0 MWD (1)
71	5900	90	89.42	5170	9.9	975.9	975.9	0 MWD (1)
72	6000	90	89.42	5170	11	1075.9	1075.9	0 MWD (1)
73	6100	90	89.42	5170	12	1175.9	1175.9	0 MWD (1)
74	6200	90	89.42	5170	13	1275.8	1275.9	0 MWD (1)
75	6300	90	89.42	5170	14	1375.8	1375.9	0 MWD (1)
76	6400	90	89.42	5170	15	1475.8	1475.9	0 MWD (1)
77	6500	90	89.42	5170	16	1575.8	1575.9	0 MWD (1)
78	6600	90	89.42	5170	17.1	1675.8	1675.9	0 MWD (1)
79	6700	90	89.42	5170	18.1	1775.8	1775.9	0 MWD (1)
80	6800	90	89.42	5170	19.1	1875.8	1875.9	0 MWD (1)
81	6900	90	89.42	5170	20.1	1975.8	1975.9	0 MWD (1)
82	7000	90	89.42	5170	21.1	2075.8	2075.9	0 MWD (1)
83	7100	90	89.42	5170	22.1	2175.8	2175.9	0 MWD (1)
84	7200	90	89.42	5170	23.2	2275.8	2275.9	0 MWD (1)
85	7300	90	89.42	5170	24.2	2375.8	2375.9	0 MWD (1)
86	7400	90	89.42	5170	25.2	2475.8	2475.9	0 MWD (1)
87	7500	90	89.42	5170	26.2	2575.8	2575.9	0 MWD (1)
88	7600	90	89.42	5170	27.2	2675.8	2675.9	0 MWD (1)
89	7700	90	89.42	5170	28.3	2775.8	2775.9	0 MWD (1)
90	7800	90	89.42	5170	29.3	2875.8	2875.9	0 MWD (1)
91	7900	90	89.42	5170	30.3	2975.8	2975.9	0 MWD (1)
92	8000	90	89.42	5170	31.3	3075.8	3075.9	0 MWD (1)

93	8100	90	89.42	5170	32.3	3175.8	3175.9	0 MWD (1)
94	8200	90	89.42	5170	33.3	3275.7	3275.9	0 MWD (1)
95	8300	90	89.42	5170	34.4	3375.7	3375.9	0 MWD (1)
96	8400	90	89.42	5170	35.4	3475.7	3475.9	0 MWD (1)
97	8500	90	89.42	5170	36.4	3575.7	3575.9	0 MWD (1)
98	8600	90	89.42	5170	37.4	3675.7	3675.9	0 MWD (1)
99	8700	90	89.42	5170	38.4	3775.7	3775.9	0 MWD (1)
100	8800	90	89.42	5170	39.5	3875.7	3875.9	0 MWD (1)
101	8900	90	89.42	5170	40.5	3975.7	3975.9	0 MWD (1)
102	9000	90	89.42	5170	41.5	4075.7	4075.9	0 MWD (1)
103	9100	90	89.42	5170	42.5	4175.7	4175.9	0 MWD (1)
104	9200	90	89.42	5170	43.5	4275.7	4275.9	0 MWD (1)
105	9300	90	89.42	5170	44.5	4375.7	4375.9	0 MWD (1)
106	9400	90	89.42	5170	45.6	4475.7	4475.9	0 MWD (1)
107	9500	90	89.42	5170	46.6	4575.7	4575.9	0 MWD (1)
108	9600	90	89.42	5170	47.6	4675.7	4675.9	0 MWD (1)
109	9612.3	90	89.42	5170	47.7	4688	4688.2	0 MWD (1)
110								