

4/06/2015 DATE IN	SUSPENSE	MAM ENGINEER	4/06/2015 LOGGED IN	NSL TYPE	PMAm509633251 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY.

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ashley Bergen

Print or Type Name

Ashley Bergen
Signature

Regulatory Specialist

Title

4/16/15

Date

Ashley.bergen@conocophillips.com
e-mail Address

- NSL-7255
 - ConocoPhillips Company
 217817
 - well
 - Red Hills West 16 State W3
 #4H
 30-025-41709

2015 APR - 6 A 9 09

RECEIVED OGD

Pool
 - 42-025 G-09
 S263216A
 Upper Wolfcamp
 98065



Cody S. Travers, RPL
MCBU - West Permian

600 N. Dairy Ashford
BKC-04-4011B
Houston, TX 77079

Phone: 281-206-5072
Cody.S.Travers@ConocoPhillips.com

April 2, 2015

Delivered via Email
mmorrisonjr. @chevron.com

Chevron U.S.A. Inc.
Attn: Robert Morrison, Jr.
P.O. Box 2100
Houston, TX 77252

RE: Request for Waiver of NSL
Red Hills West 16 State W3 #009H Well
SHL: 250' FNL & 330' FEL of 16-T26S-R32E
BHL: 1615' FSL & 330' FEL of 16-T26S-R32E
Lea County, New Mexico

Dear Mr. Morrison,

ConocoPhillips Company ("COPC") commenced the drilling of the captioned well at the surface location detail above and planned to bottom hole the well 330 feet FSL and 380 feet FEL of Section 16 (Unit P). However, due to unforeseen geologic impediments COPC was forced to TD the well 1615 feet FSL and 330 feet FEL of Section 16 (Unit I). The geologic impediments encountered while drilling this well cause COPC to cross the 330 foot hard line in Unit I resulting in 450 feet of the wellbore being 13.5 feet over the hardline (See enclosed plat for further details and location of take points). COPC will request the approval of a non-standard location from the New Mexico Oil Conservation Division ("NMOCD") for this well.

Chevron is being provided notification of this action as an interest owner in the adjacent section. Any comments need to be provided to NMOCD; 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 20 days.

COPC respectfully requests that Chevron U.S.A. Inc. ("Chevron") waive any objection to the approval of a non-standard location for the captioned well. Please indicate Chevron's agreement to waive any objection to the non-standard location by having an authorized individual execute this letter in the signature block found below. Upon obtaining the necessary signatures, please return one executed original copy of this letter to my attention at the address and email above.

Page 2
Request for Waiver of NSL
Red Hills West 16 State W3 #009H
April 2, 2015

Should you have any questions, please do not hesitate to contact the undersigned at (281) 206-5072. Your prompt attention to this matter is greatly appreciated.

Sincerely,



Cody S. Travers, RPL
Senior Landman

Enclosure

Chevron U.S.A. Inc. ("Chevron") hereby waives its right to object to the application of ConocoPhillips Company for an administrative order from the New Mexico Oil Conservation Division approving the non-standard location for the Red Hills West 16 State W3 #009H (API# 30-025-41709).

☒ Chevron waives its right to object to the Red Hills West 16 State W3 #009H well's non-standard location.

☐ Chevron does not waive its right to object to the Red Hills West 16 State W3 #009H well's non-standard location.

BY: Dev R

TITLE: Assistant TL

DATE: 4/2/2015



Cody S. Travers
SR Landman
Phone: (281) 206-5072

ConocoPhillips Company
P.O. Box 51810
Midland, TX 79710-1810

March 31, 2015

State of New Mexico
Oil Conservation Division
Attn: Mr. Michael McMillan
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

SUBJECT: REQUEST FOR APPROVAL OF NON-STANDARD LOCATION FOR RED HILLS WEST 16
STATE W3 9H

Dear Mr. McMillan:

ConocoPhillips Company ("COPC") respectfully requests a non-standard location exception to produce the Red Hills West 16 State W3 9H (API# 30-025-41709). The surface hole location is on the LG36200000 lease in UL A, 250' FNL & 330' FEL of Section 16, Township 26S, Range 32E, Lea County, New Mexico. The bottom hole location for this horizontal well is in UL I, 1615 FSL & 330' FEL Section 16, Township 26S, Range 32E, Lea County, New Mexico. COPC encountered significant geologic impediments while drilling this well and as a result the 330' hard line was crossed @ 15,235' putting the wellbore about 13.5' over the hard line for 450' in UL I. The bottom hole location also placed the well beyond the 330' setback line in Unit Letter I.

The spacing unit adjacent to UL I:

- UL L in Section 15 is Chevron (NM118723) 100%
- UL P in Section 16 is ConocoPhillips (LG36200000) 100%

Enclosed are the following documents in support of this request.

- Administrative Application Checklist
- Copy of the New Mexico Form C-102
- A copy of this submittal has been sent to the NMOCD District office in Hobbs, NM.

If you have questions regarding this request, I can be reached at 281-206-5072 or via email at Cody.S.Travers@conocophillips.com

Sincerely,

Cody S. Travers, RPL
Senior Landman

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41709	² Pool Code 98065	³ Pool Name WC-025 G-09 S263216A; WOLFCAMP
⁴ Property Code 40440	⁵ Property Name RED HILLS WEST 16 STATE W3	⁶ Well Number 9H
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁹ Elevation 3226

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
A	16	26S	32E		250	NORTH	330	EAST	LEA

¹¹ 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
I	16	26S	32E		1615	SOUTH	330	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ 250' 330'	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 a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
	Ashley Bergen, 03/30/2015 Signature Date Ashley Bergen Printed Name ashley.bergen@cop.com E-mail Address	
	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.	
330' 1615'	Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	



Well: Red Hills West 16 St W3 Well 9H
Site: Red Hills West 16 State
Project: Lea County, New Mexico
Design: rev7
Rig: H&P 486

Section Details

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dip	TFace	VSec	Annotation
1	15999.00	90.53	181.54	12905.84	-3082.16	-10.66	0.00	0.00	3082.15	Survey @ 15999.00 MD
2	18054.00	90.53	181.54	12905.33	-3137.14	-12.14	0.00	0.00	3137.14	Proj. Begin 2°/100' build/tum
3	18091.29	90.70	180.81	12904.93	-3174.42	-12.90	2.00	-75.70	3174.42	Begin 90.70 lateral section
4	17686.65	90.70	180.81	12885.40	-4789.50	-35.57	0.00	0.00	4789.63	PBHL/TD

ANNOTATIONS

TVD	MD	Inc	Azi	+N-S	+E-W	VSec	Departure	Annotation
139.00	139.00	0.50	22.50	0.48	0.20	-0.48	0.52	MWD surveys
981.90	982.00	1.17	117.39	-4.27	10.73	4.19	12.93	MWD surveys
12913.57	15235.00	94.31	174.00	-2319.96	8.22	2319.83	2941.19	330 Hard line intercept @ 15235 MD
12904.94	15685.00	89.92	183.54	-2768.89	9.45	2768.74	3390.91	330 Hard line intercept @ 15685 MD
12909.26	16278.00	88.55	177.82	-3360.73	-1.95	3360.65	3983.85	Survey @ 16278.00 MD

Surface Location: RKB=3226+27 @ 3253.00ust (H&P 486)

US State Plane 1927 (Exact solution)

New Mexico East 3001

Northing: 382348.70
Easting: 704921.29
Latitude: 32° 2' 58.056206 N
Longitude: 103° 40' 18.972314 W
Total Correction (M => G): To convert a Magnetic Direction to a Grid Direction, Add 6.99°

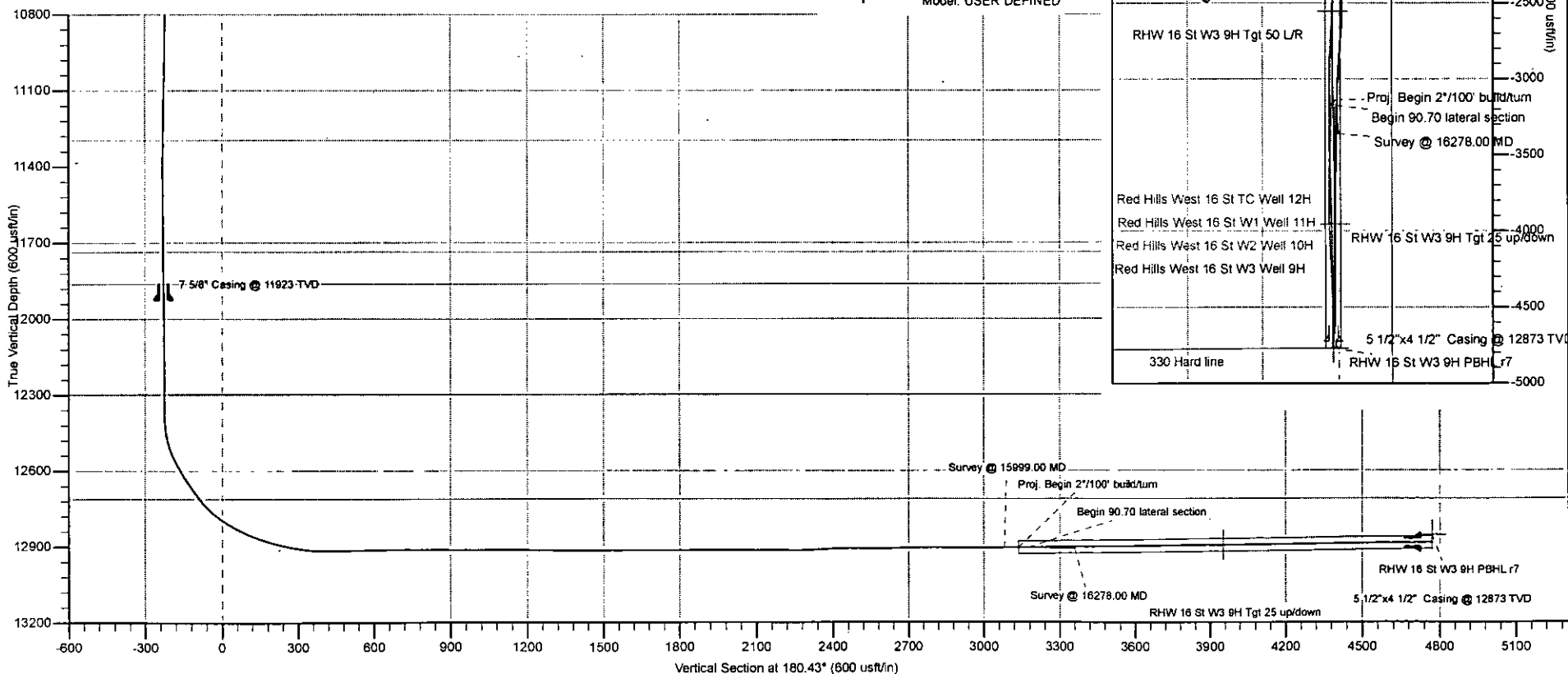
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
620.00	620.04	Rustler
1100.00	1100.14	Salado
2860.00	2861.92	Castile
4488.00	4497.72	Delaware
4531.00	4541.10	Ramsey Sand 1
4563.00	4573.35	Ramsey Shale
4576.00	4586.46	Ramsey Sand 2
4643.00	4654.01	Ford Shale
4667.00	4678.20	Olds
5456.00	5469.00	Cherry Canyon
7077.00	7090.20	Brushy Canyon
8348.00	8361.32	Bone springs
8620.00	8633.35	Bone springs 1st carb
8862.00	8875.37	Avalon A
8950.00	8963.38	Avalon B
9229.00	9242.40	Avalon C
9485.00	9498.42	Bone springs 1st sand
9775.00	9788.44	FBS Shale
9951.00	9964.45	Bone springs 2nd carb
10205.00	10218.47	Bone springs 2nd sand
10587.00	10600.48	Bone springs 3rd carb
11297.00	11310.62	Bone springs 3rd sand
11737.00	11750.70	Wolfcamp
11863.00	11876.72	Wolfcamp 1
12297.00	12310.74	Wolfcamp 2
12712.00	12760.10	Wolfcamp 3



Azimuths to Grid North
True North: -0.35°
Magnetic North: 6.99°

Magnetic Field
Strength: 48134.0nT
Dip Angle: 59.91°
Date: 2/10/2015
Model: USER DEFINED





Well: Red Hills West 16 St W3 Well 9H
Site: Red Hills West 16 State
Project: Lea County, New Mexico
Design: rev7
Rig: H&P 486

Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
1	15999.00	90.53	181.54	12905.84	-3082.16	-10.68	0.00	0.00	3082.15	Survey @ 15999.00 MD
2	16054.00	90.53	181.54	12905.33	-3137.14	-12.14	0.00	0.00	3137.14	Proj. Begin 2 1/100' build/turn
3	16091.29	90.70	180.81	12904.93	-3174.42	-12.90	2.00	-76.70	3174.42	Begin 90.70 lateral section
4	17686.65	90.70	180.81	12885.40	-4789.50	-35.57	0.00	0.00	4789.63	PBHL/TD

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
139.00	139.00	0.50	22.50	0.48	0.20	-0.48	0.52	MWD surveys
981.90	982.00	1.17	117.39	-4.27	10.73	4.19	12.93	MWD surveys
12913.57	15235.00	94.31	174.00	-2319.96	8.22	2319.83	2941.19	330 Hard line intercept @ 15235 MD
12904.94	15685.00	89.92	183.54	-2758.89	9.45	2758.74	3390.91	330 Hard line intercept @ 15685 MD
12909.26	16278.00	88.55	177.82	-3360.73	-1.95	3360.65	3983.85	Survey @ 16278.00 MD

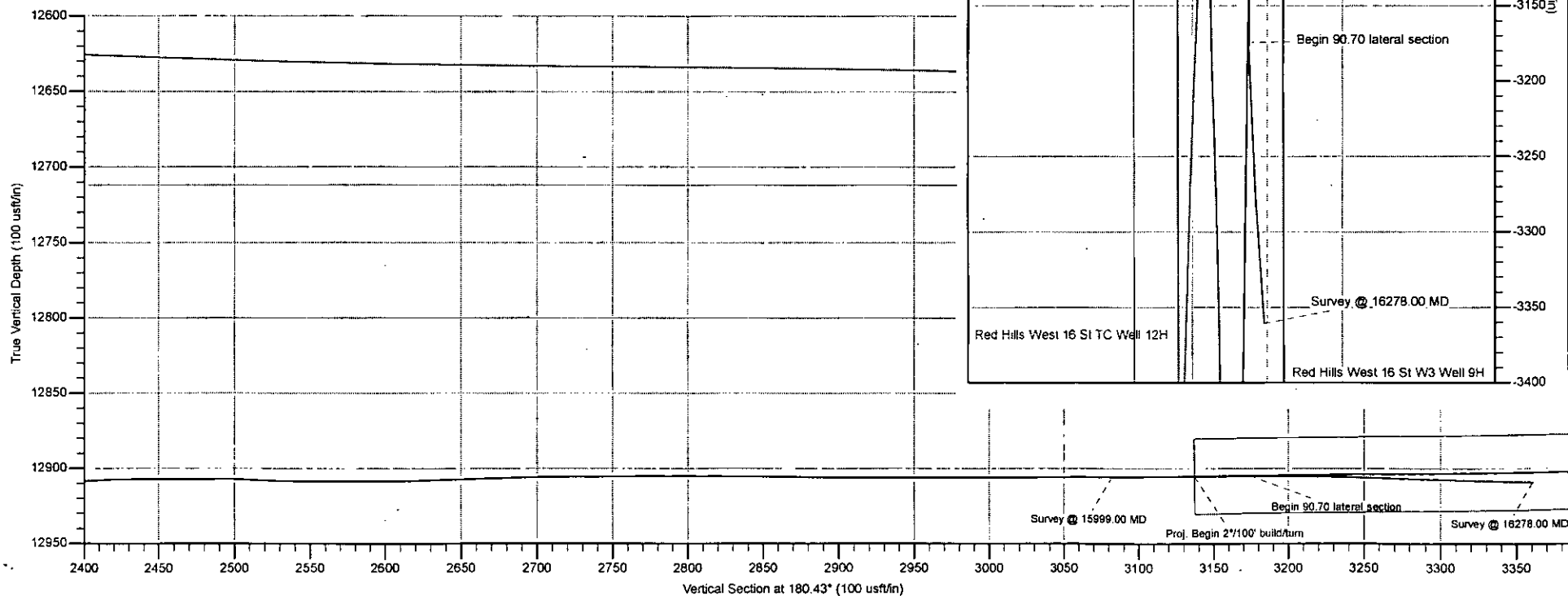
Surface Location: RKB=3226+27 @ 3253.00usft (H&P 486)
US State Plane 1927 (Exact solution)
New Mexico East 3001

Northing: 362346.70
Easting: 704921.29
Latitude: 32° 2' 58.058206 N
Longitude: 103° 40' 18.972314 W
Total Correction (M => G): To convert a Magnetic Direction to a Grid Direction, Add 6.99°



Azimuths to Grid North
True North: -0.35°
Magnetic North: 6.99°

Magnetic Field
Strength: 48134.0snT
Dip Angle: 59.91°
Date: 2/10/2015
Model: USER DEFINED



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Project	Lea County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Red Hills West 16 State		
Site Position:		Northing:	382,247.67 usft
From:	Map	Easting:	704,921.73 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 57.078179 N
		Longitude:	103° 40' 18.974250 W
		Grid Convergence:	0.35 °

Well	Red Hills West 16 St W3 Well 9H, Surf Loc: 250 FNL 330 FEL Sect 16		
Well Position	+N/-S	0.00 usft	Northing: 382,346.70 usft
	+E/-W	0.00 usft	Easting: 704,921.29 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 2' 58.058206 N
		Longitude:	103° 40' 18.972314 W
		Ground Level:	3,226.00 usft

Wellbore	Original hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	9/22/2014	7.38	59.92	48,180
	User Defined	2/10/2015	7.34	59.91	48,134

Design	Surveys Original hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.43	

Survey Program	Date	3/28/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
20.00	926.00	surf surveys RKB=27 ft (Original hole)	MWD	MWD - Standard
982.00	16,278.00	MWD TIP=926 MD (Original hole)	MWD	MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00
139.00	0.50	22.50	139.00	0.48	0.20	-0.48	0.42	0.42	0.00
MWD surveys									
201.00	0.50	165.80	201.00	0.47	0.37	-0.47	1.53	0.00	231.13
263.00	0.60	83.40	263.00	0.24	0.76	-0.25	1.17	0.16	-132.90
325.00	0.20	93.20	324.99	0.27	1.19	-0.28	0.65	-0.65	15.81
387.00	0.40	126.60	386.99	0.14	1.47	-0.15	0.42	0.32	53.87

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
450.00	1.30	102.20	449.99	-0.14	2.34	0.13	1.51	1.43	-38.73	
534.00	0.50	102.90	533.97	-0.43	3.63	0.40	0.95	-0.95	0.83	
619.00	1.30	103.90	618.96	-0.74	4.93	0.70	0.94	0.94	1.18	
703.00	1.40	129.50	702.94	-1.62	6.65	1.57	0.72	0.12	30.48	
788.00	0.80	127.70	787.92	-2.65	7.92	2.59	0.71	-0.71	-2.12	
872.00	1.10	118.00	871.91	-3.38	9.09	3.32	0.40	0.36	-11.55	
926.00	0.80	119.90	925.91	-3.81	9.88	3.74	0.56	-0.56	3.52	
982.00	1.17	117.39	981.90	-4.27	10.73	4.19	0.67	0.67	-4.48	
MWD surveys										
1,001.00	1.30	116.87	1,000.89	-4.46	11.09	4.38	0.67	0.67	-2.75	
1,064.00	1.62	102.63	1,063.87	-4.98	12.60	4.88	0.76	0.51	-22.60	
1,158.00	0.79	98.78	1,157.85	-5.37	14.54	5.26	0.89	-0.88	-4.10	
1,252.00	0.13	12.34	1,251.85	-5.36	15.20	5.25	0.84	-0.70	-91.96	
1,346.00	0.06	323.83	1,345.85	-5.22	15.19	5.10	0.11	-0.07	-51.61	
1,441.00	0.06	319.21	1,440.85	-5.14	15.13	5.03	0.01	0.00	-4.86	
1,535.00	0.11	296.35	1,534.85	-5.06	15.02	4.95	0.06	0.05	-24.32	
1,629.00	0.11	306.51	1,628.85	-4.97	14.86	4.86	0.02	0.00	10.81	
1,723.00	0.15	289.76	1,722.85	-4.87	14.68	4.76	0.06	0.04	-17.82	
1,818.00	0.23	261.74	1,817.85	-4.86	14.37	4.75	0.13	0.08	-29.49	
1,912.00	0.26	251.35	1,911.85	-4.95	13.98	4.85	0.06	0.03	-11.05	
2,006.00	0.38	256.55	2,005.84	-5.10	13.48	4.99	0.13	0.13	5.53	
2,100.00	0.41	248.02	2,099.84	-5.29	12.86	5.20	0.07	0.03	-9.07	
2,195.00	0.48	233.17	2,194.84	-5.66	12.23	5.57	0.14	0.07	-15.63	
2,289.00	0.48	278.07	2,288.84	-5.84	11.52	5.75	0.39	0.00	47.77	
2,383.00	1.54	334.23	2,382.82	-4.65	10.58	4.57	1.42	1.13	59.74	
2,477.00	3.33	346.84	2,476.73	-0.85	9.41	0.78	1.98	1.90	13.41	
2,572.00	5.10	350.20	2,571.47	6.00	8.07	-6.06	1.88	1.86	3.54	
2,666.00	5.65	351.79	2,665.06	14.69	6.69	-14.74	0.61	0.59	1.69	
2,760.00	5.77	351.62	2,758.59	23.95	5.34	-23.99	0.13	0.13	-0.18	
2,855.00	5.78	351.90	2,853.11	33.41	3.97	-33.44	0.03	0.01	0.29	
2,949.00	6.17	353.58	2,946.60	43.11	2.74	-43.13	0.45	0.41	1.79	
3,043.00	5.79	351.56	3,040.09	52.82	1.48	-52.83	0.46	-0.40	-2.15	
3,137.00	5.46	345.82	3,133.64	61.85	-0.31	-61.85	0.69	-0.35	-6.11	
3,232.00	5.23	345.51	3,228.22	70.42	-2.50	-70.40	0.24	-0.24	-0.33	
3,326.00	5.25	348.78	3,321.83	78.79	-4.41	-78.76	0.32	0.02	3.48	
3,420.00	5.19	343.19	3,415.44	87.08	-6.48	-87.03	0.54	-0.06	-5.95	
3,515.00	5.49	337.98	3,510.03	95.41	-9.42	-95.33	0.60	0.32	-5.48	
3,610.00	5.42	338.18	3,604.60	103.78	-12.79	-103.69	0.08	-0.07	0.21	
3,704.00	5.08	337.46	3,698.21	111.73	-16.03	-111.61	0.39	-0.38	-0.77	
3,799.00	5.61	342.05	3,792.80	120.02	-19.07	-119.88	0.73	0.58	4.83	
3,893.00	5.87	351.18	3,886.33	129.14	-21.22	-128.98	1.01	0.28	9.71	
3,987.00	5.36	346.17	3,979.87	138.16	-23.01	-137.98	0.75	-0.54	-5.33	
4,081.00	5.12	340.87	4,073.48	146.38	-25.43	-146.19	0.57	-0.26	-5.64	
4,176.00	4.61	344.75	4,168.14	154.07	-27.83	-153.86	0.64	-0.54	4.08	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,270.00	4.45	346.28	4,261.85	161.26	-29.69	-161.03	0.21	-0.17	1.63	
4,364.00	6.63	343.85	4,355.40	170.01	-32.06	-169.77	2.33	2.32	-2.59	
4,459.00	7.94	342.55	4,449.63	181.54	-35.55	-181.27	1.39	1.38	-1.37	
4,553.00	7.25	340.66	4,542.81	193.33	-39.46	-193.03	0.78	-0.73	-2.01	
4,693.00	7.38	331.95	4,681.67	209.60	-46.62	-209.25	0.80	0.09	-6.22	
4,786.00	6.35	329.93	4,774.01	219.32	-52.00	-218.93	1.14	-1.11	-2.17	
4,850.00	5.06	327.67	4,837.69	224.77	-55.29	-224.35	2.05	-2.02	-3.53	
4,944.00	3.36	333.81	4,931.43	230.75	-58.72	-230.30	1.87	-1.81	6.53	
5,039.00	2.64	313.57	5,026.30	234.75	-61.53	-234.29	1.34	-0.76	-21.31	
5,133.00	2.60	278.44	5,120.21	236.56	-65.21	-236.07	1.68	-0.04	-37.37	
5,228.00	2.97	243.04	5,215.10	235.76	-69.54	-235.23	1.82	0.39	-37.26	
5,322.00	1.73	222.66	5,309.02	233.61	-72.67	-233.06	1.57	-1.32	-21.68	
5,416.00	0.93	149.58	5,403.00	231.91	-73.24	-231.36	1.82	-0.85	-77.74	
5,511.00	0.96	139.69	5,497.99	230.64	-72.34	-230.09	0.17	0.03	-10.41	
5,606.00	0.84	148.68	5,592.98	229.44	-71.46	-228.90	0.19	-0.13	9.46	
5,700.00	0.89	136.74	5,686.97	228.32	-70.60	-227.78	0.20	0.05	-12.70	
5,794.00	0.87	139.41	5,780.96	227.24	-69.64	-226.72	0.05	-0.02	2.84	
5,889.00	0.87	140.87	5,875.95	226.14	-68.72	-225.62	0.02	0.00	1.54	
5,983.00	0.92	139.86	5,969.94	225.01	-67.78	-224.49	0.06	0.05	-1.07	
6,078.00	0.96	134.24	6,064.92	223.87	-66.72	-223.36	0.11	0.04	-5.92	
6,172.00	0.91	136.43	6,158.91	222.78	-65.64	-222.28	0.07	-0.05	2.33	
6,267.00	0.83	144.21	6,253.90	221.67	-64.72	-221.18	0.15	-0.08	8.19	
6,361.00	0.85	143.22	6,347.89	220.56	-63.90	-220.08	0.03	0.02	-1.05	
6,455.00	0.89	104.12	6,441.88	219.82	-62.77	-219.35	0.62	0.04	-41.60	
6,549.00	0.84	100.09	6,535.87	219.53	-61.39	-219.06	0.08	-0.05	-4.29	
6,644.00	0.85	105.08	6,630.86	219.22	-60.02	-218.77	0.08	0.01	5.25	
6,738.00	0.92	100.25	6,724.85	218.91	-58.61	-218.46	0.11	0.07	-5.14	
6,832.00	0.95	103.70	6,818.83	218.59	-57.11	-218.15	0.07	0.03	3.67	
6,927.00	0.86	107.41	6,913.82	218.19	-55.66	-217.77	0.11	-0.09	3.91	
7,021.00	0.98	117.27	7,007.81	217.61	-54.27	-217.20	0.21	0.13	10.49	
7,116.00	0.99	122.50	7,102.80	216.79	-52.86	-216.39	0.10	0.01	5.51	
7,210.00	1.16	128.05	7,196.78	215.77	-51.43	-215.38	0.21	0.18	5.90	
7,305.00	0.64	162.51	7,291.77	214.67	-50.51	-214.29	0.77	-0.55	36.27	
7,399.00	0.79	197.43	7,385.76	213.55	-50.54	-213.17	0.48	0.16	37.15	
7,494.00	0.56	193.13	7,480.76	212.48	-50.85	-212.09	0.25	-0.24	-4.53	
7,588.00	0.54	184.64	7,574.75	211.59	-50.99	-211.20	0.09	-0.02	-9.03	
7,682.00	0.50	141.17	7,668.75	210.83	-50.77	-210.44	0.41	-0.04	-46.24	
7,777.00	0.68	133.76	7,763.74	210.11	-50.10	-209.73	0.21	0.19	-7.80	
7,871.00	0.67	141.49	7,857.74	209.30	-49.35	-208.92	0.10	-0.01	8.22	
7,966.00	0.70	96.78	7,952.73	208.79	-48.43	-208.43	0.55	0.03	-47.06	
8,060.00	1.06	53.04	8,046.72	209.25	-47.17	-208.89	0.78	0.38	-46.53	
8,154.00	1.04	4.31	8,140.71	210.62	-46.41	-210.27	0.92	-0.02	-51.84	
8,249.00	0.94	357.26	8,235.69	212.26	-46.38	-211.91	0.17	-0.11	-7.42	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TYD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,343.00	0.84	348.77	8,329.68	213.71	-46.55	-213.35	0.18	-0.11	-9.03
8,437.00	0.81	337.78	8,423.67	215.00	-46.94	-214.64	0.17	-0.03	-11.69
8,532.00	0.81	329.23	8,518.66	216.20	-47.53	-215.84	0.13	0.00	-9.00
8,619.00	0.84	324.17	8,605.65	217.24	-48.22	-216.88	0.09	0.03	-5.82
8,713.00	0.92	299.02	8,699.64	218.17	-49.28	-217.79	0.42	0.09	-26.76
8,808.00	0.77	288.51	8,794.63	218.74	-50.56	-218.36	0.23	-0.16	-11.06
8,902.00	0.54	290.11	8,888.62	219.09	-51.57	-218.70	0.25	-0.24	1.70
8,997.00	0.57	278.18	8,983.62	219.31	-52.46	-218.92	0.13	0.03	-12.56
9,091.00	0.75	260.14	9,077.61	219.27	-53.53	-218.87	0.29	0.19	-19.19
9,185.00	1.00	259.16	9,171.60	219.01	-54.94	-218.60	0.27	0.27	-1.04
9,280.00	0.43	282.34	9,266.60	218.94	-56.10	-218.51	0.66	-0.60	24.40
9,374.00	0.74	289.76	9,360.59	219.22	-57.02	-218.78	0.34	0.33	7.89
9,468.00	0.86	276.60	9,454.58	219.50	-58.29	-219.06	0.23	0.13	-14.00
9,563.00	0.63	322.69	9,549.57	220.00	-59.32	-219.55	0.65	-0.24	48.52
9,657.00	0.84	339.88	9,643.57	221.06	-59.87	-220.60	0.32	0.22	18.29
9,752.00	0.47	325.57	9,738.56	222.03	-60.33	-221.58	0.42	-0.39	-15.06
9,846.00	0.48	310.16	9,832.56	222.60	-60.84	-222.14	0.14	0.01	-16.39
9,940.00	0.53	296.54	9,926.55	223.05	-61.53	-222.59	0.14	0.05	-14.49
10,035.00	0.61	283.12	10,021.55	223.36	-62.42	-222.89	0.16	0.08	-14.13
10,129.00	0.71	249.32	10,115.54	223.27	-63.45	-222.79	0.42	0.11	-35.96
10,224.00	0.77	249.18	10,210.53	222.84	-64.60	-222.35	0.06	0.06	-0.15
10,318.00	0.50	268.01	10,304.53	222.60	-65.60	-222.10	0.38	-0.29	20.03
10,413.00	0.34	270.73	10,399.53	222.59	-66.30	-222.09	0.17	-0.17	2.86
10,507.00	0.14	286.20	10,493.53	222.62	-66.69	-222.12	0.22	-0.21	16.46
10,602.00	0.43	263.64	10,588.52	222.62	-67.15	-222.11	0.32	0.31	-23.75
10,696.00	0.19	54.66	10,682.52	222.67	-67.37	-222.16	0.64	-0.26	160.66
10,791.00	0.34	21.47	10,777.52	223.02	-67.14	-222.51	0.22	0.16	-34.94
10,885.00	0.23	335.33	10,871.52	223.45	-67.12	-222.94	0.26	-0.12	-49.09
10,979.00	0.87	27.55	10,965.52	224.26	-66.87	-223.75	0.80	0.68	55.55
11,074.00	1.64	32.06	11,060.49	226.05	-65.81	-225.55	0.82	0.81	4.75
11,168.00	1.89	44.42	11,154.45	228.29	-64.01	-227.81	0.48	0.27	13.15
11,262.00	1.85	63.19	11,248.40	230.09	-61.57	-229.62	0.65	-0.04	19.97
11,357.00	1.28	79.80	11,343.36	230.97	-59.16	-230.52	0.76	-0.60	17.48
11,451.00	1.15	85.48	11,437.34	231.23	-57.19	-230.79	0.19	-0.14	6.04
11,545.00	0.92	96.19	11,531.33	231.22	-55.50	-230.80	0.32	-0.24	11.39
11,640.00	0.92	135.18	11,626.32	230.60	-54.20	-230.18	0.65	0.00	41.04
11,734.00	1.09	145.96	11,720.30	229.32	-53.17	-228.92	0.27	0.18	11.47
11,829.00	1.03	134.52	11,815.29	227.97	-52.05	-227.58	0.23	-0.06	-12.04
11,923.00	0.80	137.53	11,909.27	228.90	-51.01	-226.51	0.25	-0.24	3.20
11,983.00	0.77	140.27	11,969.27	226.28	-50.47	-225.89	0.08	-0.05	4.57
12,117.00	0.49	96.50	12,103.26	225.52	-49.32	-225.15	0.40	-0.21	-32.66
12,211.00	0.40	81.91	12,197.26	225.52	-48.60	-225.15	0.15	-0.10	-15.52
12,306.00	0.31	165.77	12,292.26	225.32	-48.21	-224.95	0.50	-0.09	88.27

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,338.00	0.51	173.43	12,324.26	225.09	-48.17	-224.73	0.65	0.63	23.94
12,369.00	0.82	163.83	12,355.25	224.74	-48.09	-224.38	1.06	1.00	-30.97
12,401.00	0.99	157.51	12,387.25	224.27	-47.92	-223.90	0.62	0.53	-19.75
12,433.00	4.12	174.91	12,419.21	222.87	-47.72	-222.50	9.97	9.78	54.38
12,464.00	8.55	173.90	12,450.02	219.46	-47.37	-219.10	14.29	14.29	-3.26
12,496.00	13.25	169.09	12,481.43	213.49	-46.42	-213.14	14.95	14.69	-15.03
12,528.00	19.30	171.84	12,512.14	204.65	-44.98	-204.31	19.05	18.91	8.59
12,559.00	23.78	172.17	12,540.96	193.38	-43.40	-193.05	14.46	14.45	1.06
12,591.00	27.83	173.19	12,569.77	179.57	-41.63	-179.25	12.73	12.66	3.19
12,622.00	30.14	173.85	12,596.88	164.64	-39.94	-164.34	7.52	7.45	2.13
12,654.00	32.35	175.18	12,624.24	148.12	-38.36	-147.83	7.23	6.91	4.16
12,686.00	33.82	176.20	12,651.05	130.70	-37.05	-130.42	4.91	4.59	3.19
12,718.00	33.91	176.51	12,677.62	112.91	-35.92	-112.64	0.61	0.28	0.97
12,749.00	35.66	177.17	12,703.08	95.25	-34.95	-94.99	5.77	5.65	2.13
12,783.00	40.87	178.03	12,729.77	74.22	-34.07	-73.96	15.40	15.32	2.53
12,814.00	45.73	178.30	12,752.32	52.98	-33.39	-52.73	15.69	15.68	0.87
12,846.00	50.00	178.78	12,773.78	29.26	-32.79	-29.01	13.39	13.34	1.50
12,878.00	54.40	179.30	12,793.39	3.98	-32.37	-3.74	13.81	13.75	1.63
12,909.00	58.70	180.29	12,810.48	-21.87	-32.29	22.11	14.12	13.87	3.19
12,941.00	61.99	182.36	12,826.31	-49.67	-32.94	49.91	11.72	10.28	6.47
12,973.00	64.31	182.81	12,840.76	-78.19	-34.23	78.44	7.36	7.25	1.41
13,004.00	66.71	183.13	12,853.61	-106.36	-35.69	106.62	7.80	7.74	1.03
13,036.00	69.48	182.96	12,865.55	-136.00	-37.27	136.28	8.67	8.66	-0.53
13,068.00	71.67	183.29	12,876.19	-166.14	-38.91	166.42	6.91	6.84	1.03
13,099.00	74.74	182.54	12,885.15	-195.77	-40.42	196.07	10.17	9.90	-2.42
13,131.00	77.07	183.42	12,892.94	-226.76	-42.03	227.07	7.75	7.28	2.75
13,162.00	77.85	183.69	12,899.67	-256.97	-43.91	257.29	2.66	2.52	0.87
13,194.00	79.42	183.47	12,905.97	-288.28	-45.87	288.61	4.95	4.91	-0.69
13,226.00	81.98	182.90	12,911.15	-319.80	-47.62	320.15	8.19	8.00	-1.78
13,257.00	84.23	183.21	12,914.87	-350.53	-49.26	350.89	7.33	7.26	1.00
13,288.00	88.32	182.93	12,916.88	-381.42	-50.92	381.79	13.22	13.19	-0.90
13,320.00	92.12	184.71	12,916.76	-413.34	-53.05	413.72	13.11	11.88	5.56
13,352.00	91.93	184.78	12,915.63	-445.21	-55.70	445.61	0.63	-0.59	0.22
13,446.00	89.05	180.19	12,914.82	-539.08	-59.77	539.51	5.76	-3.06	-4.88
13,541.00	92.91	188.73	12,913.20	-633.68	-67.14	634.16	9.86	4.06	8.99
13,636.00	88.85	183.78	12,911.74	-728.05	-77.48	728.61	6.74	-4.27	-5.21
13,731.00	90.31	182.94	12,912.43	-822.88	-83.05	823.48	1.77	1.54	-0.88
13,825.00	88.35	176.06	12,913.53	-916.81	-82.23	917.40	7.61	-2.09	-7.32
13,920.00	90.50	177.43	12,914.49	-1,011.64	-76.84	1,012.19	2.68	2.26	1.44
14,015.00	91.15	177.59	12,913.12	-1,106.54	-72.71	1,107.06	0.70	0.68	0.17
14,110.00	88.07	175.65	12,913.76	-1,201.36	-67.11	1,201.83	3.83	-3.24	-2.04
14,205.00	89.11	175.26	12,916.10	-1,296.03	-59.59	1,296.44	1.17	1.09	-0.41
14,299.00	90.06	173.63	12,916.78	-1,389.58	-50.49	1,389.92	2.01	1.01	-1.73
14,394.00	90.62	177.78	12,916.22	-1,484.29	-43.38	1,484.58	4.41	0.59	4.37

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,489.00	90.67	178.11	12,915.15	-1,579.23	-39.97	1,579.48	0.35	0.05	0.35
14,584.00	89.55	182.49	12,914.97	-1,674.20	-40.47	1,674.46	4.76	-1.18	4.61
14,678.00	89.66	181.94	12,915.62	-1,768.13	-44.10	1,768.41	0.60	0.12	-0.59
14,773.00	91.34	181.42	12,914.79	-1,863.08	-48.89	1,863.38	1.85	1.77	-0.55
14,862.00	89.41	177.84	12,914.20	-1,952.06	-46.31	1,952.35	4.57	-2.17	-4.02
14,957.00	89.69	176.14	12,914.95	-2,046.92	-41.32	2,047.17	1.81	0.29	-1.79
15,052.00	91.14	169.37	12,914.26	-2,141.10	-29.35	2,141.26	7.29	1.53	-7.13
15,147.00	87.77	164.68	12,915.16	-2,233.63	-8.03	2,233.63	6.08	-3.55	-4.94
15,235.00	94.31	174.00	12,913.57	-2,319.96	8.22	2,319.83	12.93	7.43	10.59
330 Hard line Intercept @ 15235 MD									
15,241.00	94.75	174.64	12,913.09	-2,325.91	8.82	2,325.78	12.93	7.39	10.64
15,336.00	92.09	176.05	12,907.43	-2,420.42	16.51	2,420.23	3.17	-2.80	1.48
15,431.00	87.41	179.21	12,907.84	-2,515.30	20.44	2,515.07	5.94	-4.93	3.33
15,525.00	91.70	182.05	12,908.57	-2,609.26	19.40	2,609.04	5.47	4.56	3.02
15,620.00	91.62	184.48	12,905.82	-2,704.05	14.00	2,703.87	2.56	-0.08	2.56
15,685.00	89.92	183.54	12,904.94	-2,768.89	9.45	2,768.74	2.98	-2.61	-1.44
330 Hard line Intercept @ 15685 MD									
15,715.00	89.14	183.11	12,905.19	-2,798.83	7.71	2,798.70	2.98	-2.61	-1.44
15,810.00	89.83	185.99	12,906.04	-2,893.52	0.17	2,893.44	3.12	0.73	3.03
15,904.00	89.94	182.82	12,906.23	-2,987.23	-7.05	2,987.20	3.37	0.12	-3.37
15,999.00	90.53	181.54	12,905.84	-3,082.16	-10.66	3,082.15	1.48	0.62	-1.35
16,094.00	90.06	180.45	12,905.35	-3,177.14	-12.31	3,177.14	1.25	-0.49	-1.15
16,189.00	88.24	174.36	12,906.76	-3,271.98	-8.01	3,271.95	6.69	-1.92	-6.41
16,278.00	88.55	177.82	12,909.26	-3,360.73	-1.95	3,360.65	3.90	0.35	3.89
Survey @ 16278.00 MD									

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
982.00	981.90	13 3/8" casing @ 982 MD	13-3/8	17-1/2

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
139.00	139.00	0.48	0.20	MWD surveys
982.00	981.90	-4.27	10.73	MWD surveys
15,235.00	12,913.57	-2,319.96	8.22	330 Hard line intercept @ 15235 MD
15,685.00	12,904.94	-2,768.89	9.45	330 Hard line intercept @ 15685 MD
16,278.00	12,909.26	-3,360.73	-1.95	Survey @ 16278.00 MD

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Red Hills West 16 St W3 Well 9H
Project:	Lea County, New Mexico	TVD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Site:	Red Hills West 16 State	MD Reference:	RKB=3226+27 @ 3253.00usft (H&P 486)
Well:	Red Hills West 16 St W3 Well 9H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original hole	Database:	Dbase Nov0914

McMillan, Michael, EMNRD

From: Bergen, Ashley <Ashley.Bergen@conocophillips.com>
Sent: Monday, April 06, 2015 1:39 PM
To: McMillan, Michael, EMNRD
Subject: RE: NSL-Red Hills West 16 State W3 9H

All of section 15 is Chevron.

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Monday, April 06, 2015 2:22 PM
To: Bergen, Ashley
Subject: [EXTERNAL]RE: NSL-Red Hills West 16 State W3 9H

Who has the lease for the SW/4 NW/4 Section 15? They are an affected party
Thank You
Michael McMillan

From: Bergen, Ashley [<mailto:Ashley.Bergen@conocophillips.com>]
Sent: Monday, April 06, 2015 9:57 AM
To: McMillan, Michael, EMNRD
Subject: RE: NSL-Red Hills West 16 State W3 9H

Bottom hole location is at 1615 FSL & 330 FEL putting it 295' from UL P

We crossed the 330' set back in UL I at 15235' Putting it 2576' FSL & 322' FEL putting it 64' away from midline and 8' too close to edge on UL I.

Does this help?

Also I am not able to provide perfs at this time because the we have not begun perforating and the completions engineer is out of the office today and is unable to tell me where we are estimating perfs.

Thanks,
Ashley

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Monday, April 06, 2015 10:14 AM
To: Bergen, Ashley
Subject: [EXTERNAL]RE: NSL-Red Hills West 16 State W3 9H

Ms. Bergen:
Also: Tell me the footage calls where the location is non-standard (beyond 330 foot setbacks)

Thank You
Michael McMillan

McMillan, Michael, EMNRD

From: Bergen, Ashley <Ashley.Bergen@conocophillips.com>
Sent: Tuesday, April 07, 2015 9:21 AM
To: McMillan, Michael, EMNRD
Subject: Red Hills West 16 State W3 9H-NSL

Good Morning Mr. McMillan,

As discussed we crossed the 330' hardline at 2569' FNL & 322' FEL. This well is a part of a quad pad and the 3 other wells like the Red Hills West 16 W2 10H is currently being developed in UL P (SE/SE). Please let me know if there is any more information I need to provide.

Thanks,

Ashley Bergen

Regulatory Specialist - MCBU
ConocoPhillips Lower 48
3300 North A St.- Bldg 6 Midland, TX 79705-5406
T: 423.688.6938 | M: 432.640.7012 | ashley.bergen@conocophillips.com

McMillan, Michael, EMNRD

From: Bergen, Ashley <Ashley.Bergen@conocophillips.com>
Sent: Thursday, April 09, 2015 8:11 AM
To: McMillan, Michael, EMNRD
Subject: RE: Red Hills West 16 State W3 9H-NSL

Good Morning Mr. McMillan,

The estimated first and last perf will be at 13,226'-16,274'.

Thanks,

Ashley Bergen

Regulatory Specialist - MCBU
ConocoPhillips Lower 48
3300 North A St.- Bldg 6 Midland, TX 79705-5406
T: 423.688.6938 | M: 432.640.7012 | ashley.bergen@conocophillips.com

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Tuesday, April 07, 2015 5:40 PM
To: Bergen, Ashley
Subject: [EXTERNAL]RE: Red Hills West 16 State W3 9H-NSL

Did you get the first and last perforation?
It is the only thing now required for submittal to the Director
Michael McMillan

From: Bergen, Ashley [<mailto:Ashley.Bergen@conocophillips.com>]
Sent: Tuesday, April 07, 2015 9:21 AM
To: McMillan, Michael, EMNRD
Subject: Red Hills West 16 State W3 9H-NSL

Good Morning Mr. McMillan,

As discussed we crossed the 330' hardline at 2569' FNL & 322' FEL. This well is a part of a quad pad and the 3 other wells like the Red Hills West 16 W2 10H is currently being developed in UL P (SE/SE). Please let me know if there is any more information I need to provide.

Thanks,

Ashley Bergen

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

HOBBS OGD

MAR 04 2014

RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025		2 Pool Code Wildcat Wolfcamp		3 Pool Name	
4 Property Code		5 Property Name RED HILLS WEST 16 STATE W2			6 Well Number 10H
7 OGRID No. 217817		8 Operator Name ConocoPhillips Company			9 Elevation 3224'

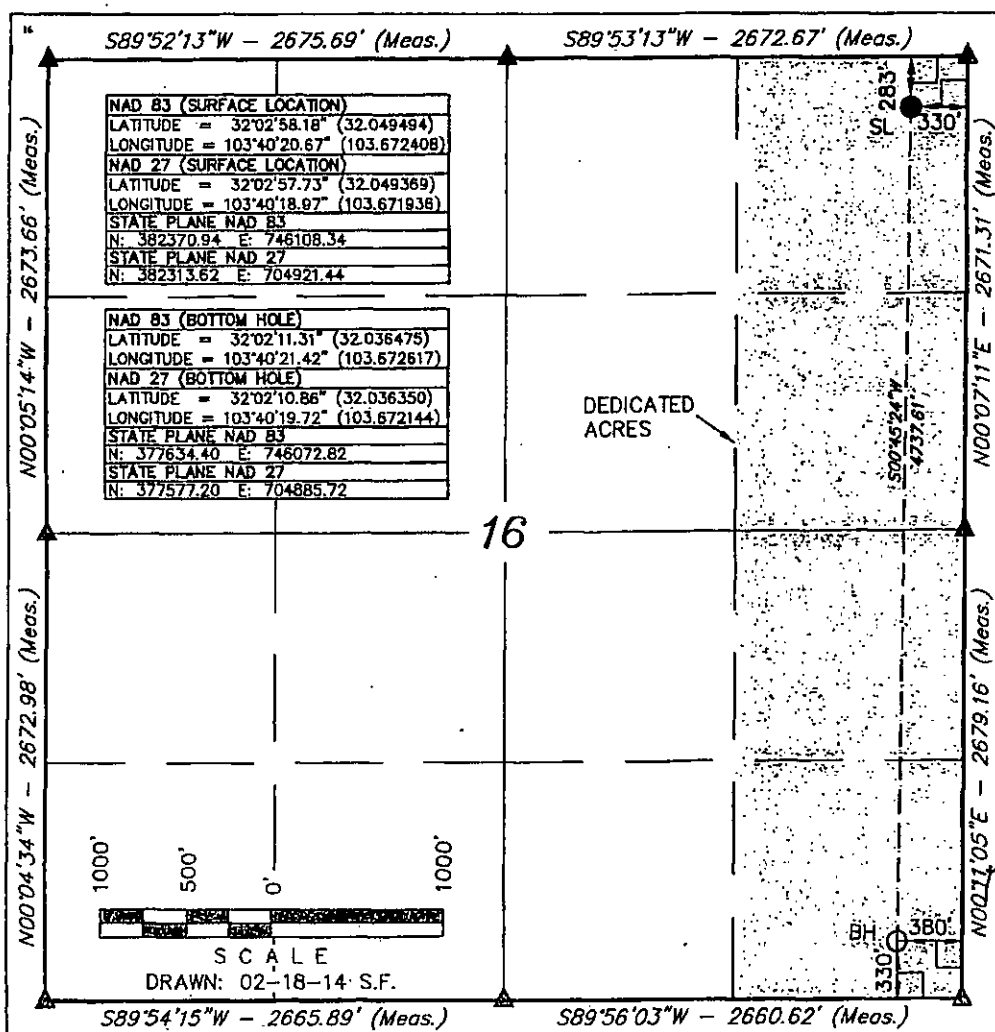
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	26 S	32 E		283	NORTH	330	EAST	LEA

11 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
P	16	26 S	32 E		330	SOUTH	380	EAST	LEA
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 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.



16 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 a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kristina Mickens 02/28/2014
Signature Date

Kristina Mickens

Printed Name

kristina.mickens@conocophillips.com

E-mail Address

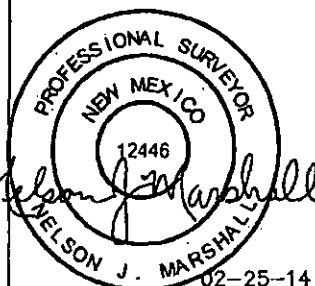
17 SURVEYOR CERTIFICATION

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.

February 04, 2014

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number: