

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date: 7/20/14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-031-60017-00-00	SOUTH HOSPAH UNIT	010	DOMINION PRODUCTION COMPANY, LLC	O	A	McKinley	F	C	12	17	N	9	W

Application Type:

☐ P&A ☐ Drilling/Casing Change ☒ Recomplete/DHC
☐ Location Change ☒ Other: will run liner inside pipe to surface, need to isolate behind pipe first

Conditions of Approval:


Notify NMOCD 24hrs prior to beginning operations

Perform remedial cement work outside of the 7 inch casing from 780'-680', 580'-480' and 142' to surface

Add inside plug to isolate Dakota formation from the Gallup formation. The plug will need to be from existing Bridge plug at 1827'-1727'.

Set Bridge plug low enough and add cement as necessary to ensure a 100ft + 50% excess of cement for the kickoff plug. This is needed to ensure the Gallup perforations at 1632'-1662' are properly plugged.

A new C-104, completion report, as-drill deviation survey and as-drilled C-102 plat will be required prior to placing this well back on production.


NMOCD Approved by Signature

9/5/14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Dominion Production Co. LLC

3a. Address
1414 W Swann, Suite 100, Tampa FL 33606

3b. Phone No. (include area code)
813-579-1188

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**990' FNL & 2300 FWL
Section 12 17N 9W**

5. Lease Serial No.

NMNM-081208

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

South Hospah #10

9. API Well No.

3003160017

10. Field and Pool, or Exploratory Area

South Hospah

11. County or Parish, State

Mckinley County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Dominion Production proposes to re-enter the South Hospah #10.

Detailed Plan Attached:

OIL CONS. DIV DIST. 3

AUG 05 2014

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mike Allen

Title **Technical Advisor**

Signature **Mike Allen**

Date

07/20/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCD

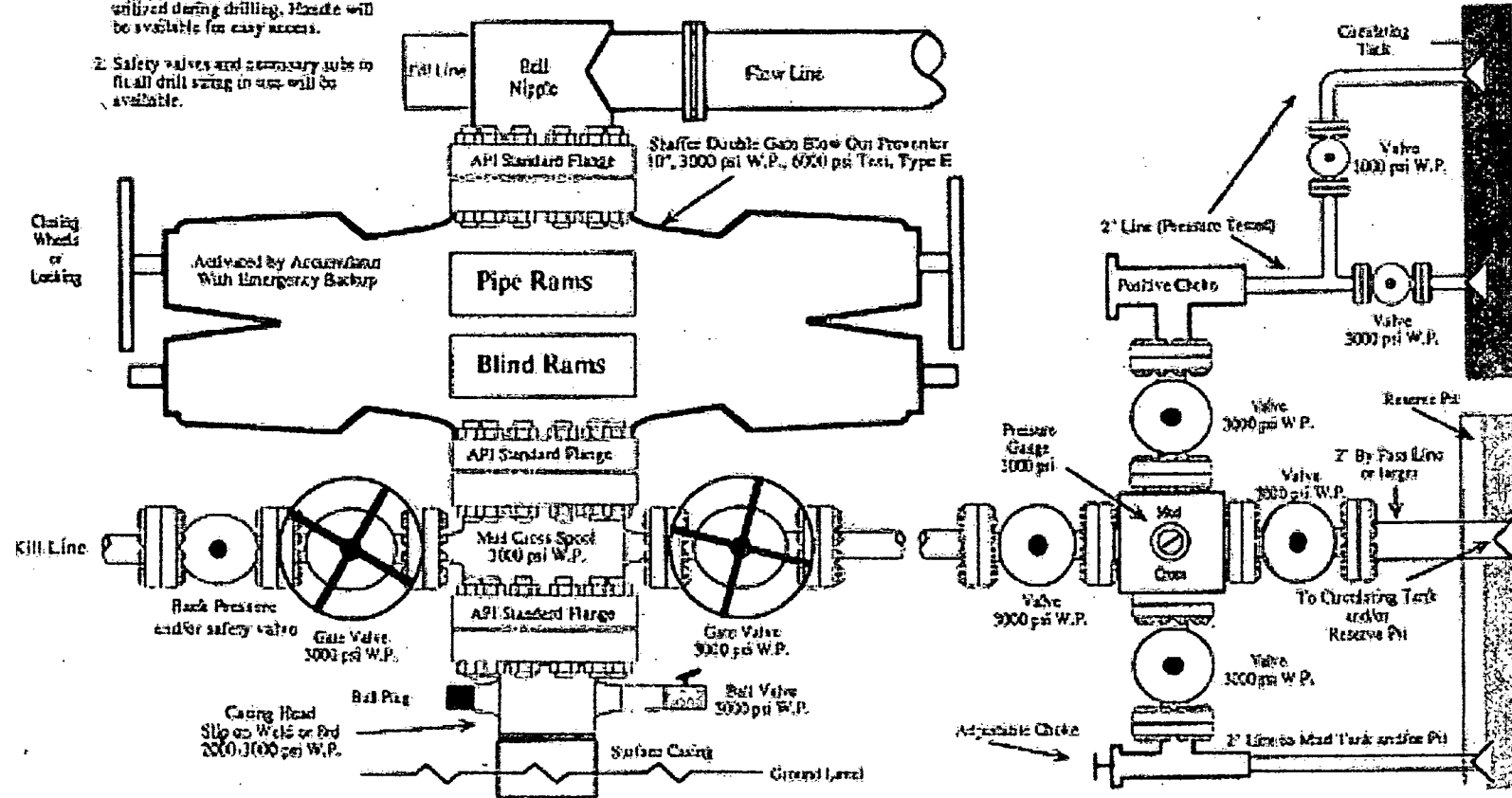
South Hospah #10
Lateral Drilling Plan
Re-Entry

1. Location: South Hospah #10- 990' FNL & 2300' FWL
Section 12, 17N, 9W
2. Geology: Point Lookout- 542', GL
Mancos Shale: 660'
~~Crown Canyon: 858'~~
Upper Hospah Sand: 1560'
Lower Hospah Sand: 1630'
3. 2M BOP Diagram Attached: BOP and Casing will be tested to 500 psi for 30 minutes prior to cutting casing window.
4. Mud Program: Polymer W Mud @ 8.5 ppg using a closed loop system. (Rig Schematic Attached).
5. Lateral Drilling Plan: Set 7" CIBP at 1365'. Spot 4.5 Sks, Portland cement on top of BP for Kick Off of 1345'. GIH with 3.5" Drill Pipe and Bit Motor, Cut 6 1/4" Window in 7", 20# casing at 1345'. GIH with 6 1/4" Bit, start lateral curve to EOB; 1811.10' & 1645' TVD to 2611.2 MD. (See Directional Survey Attached).
6. Logging Program: CDL & IEL from 1460' TVD to 2611', MD. Cased: CBL/GR from 1811' to Surface.
7. Casing Program: 4.5", 10.5# J-55, LTC, liner set from Surface to 1811' EOB with 4.5" ACP packer attached. Slotted wired 4.5" casing liner from 1812' EOB to 2611.2 MD. Casing liner will be cemented from 1811' to surface.
8. Cement Program: Premium Lite, 1% CC, 71 sacks with 50% Excess from 1811' to 1345'. Premium Lite, 1% CC, 157 sacks from 1345' to Surface inside 7" Casing.
9. Pressures: Upper Hospah Sand-455# BHP, Lower Hospah Sand (Gallup), 529# BHP.
10. There will be no additional surface disturbance outside original location.
11. All cuttings will be disposed in above ground tank and hauled to certified disposal.

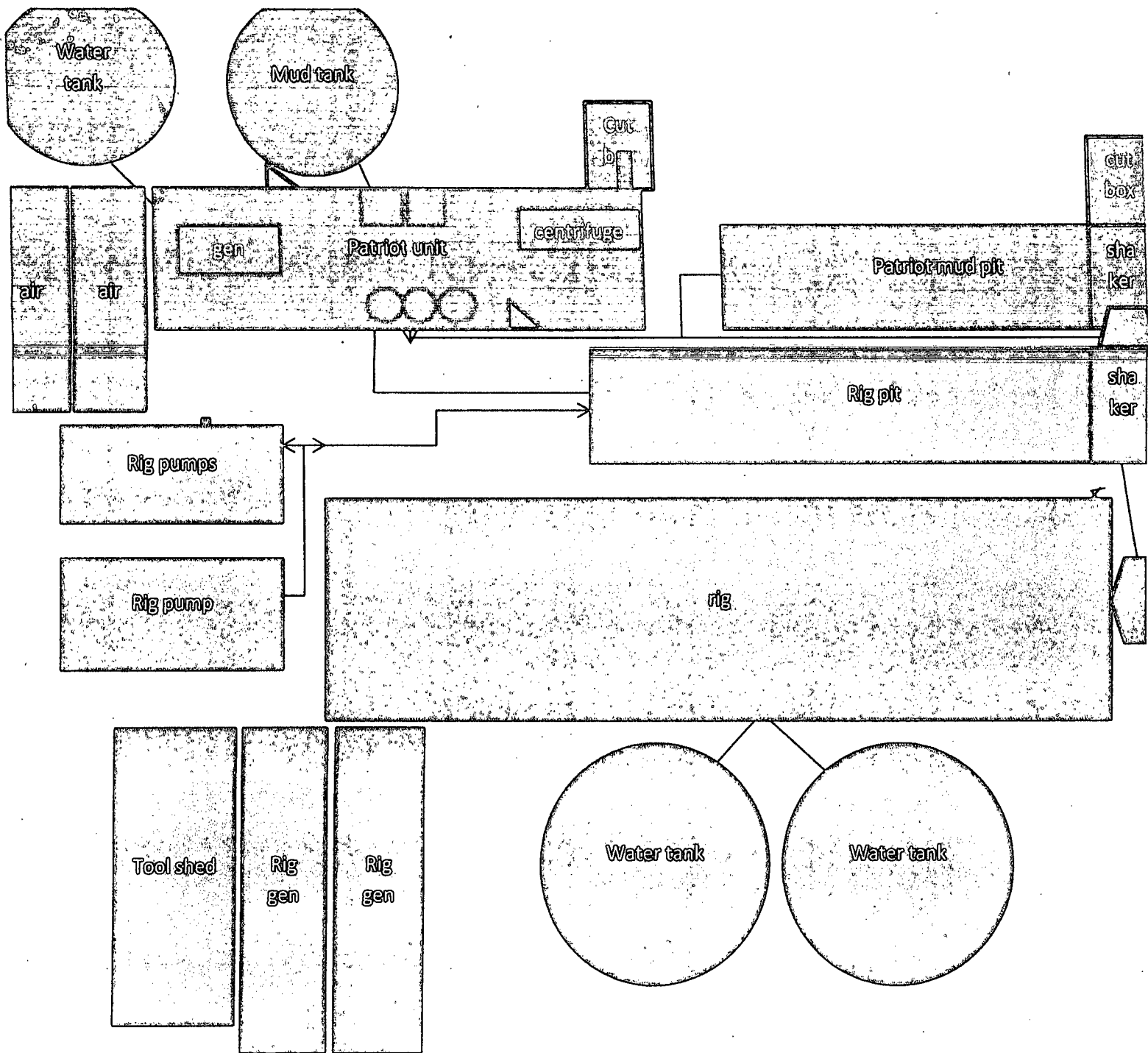
2,000 PSI BOP SYSTEM

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs in full drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (unamended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.





Site: Hospah #10
Well: Hospah #10
Wellbore: Re-Entry
Plan: #1

Reference Details - WELL CENTRE

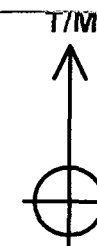
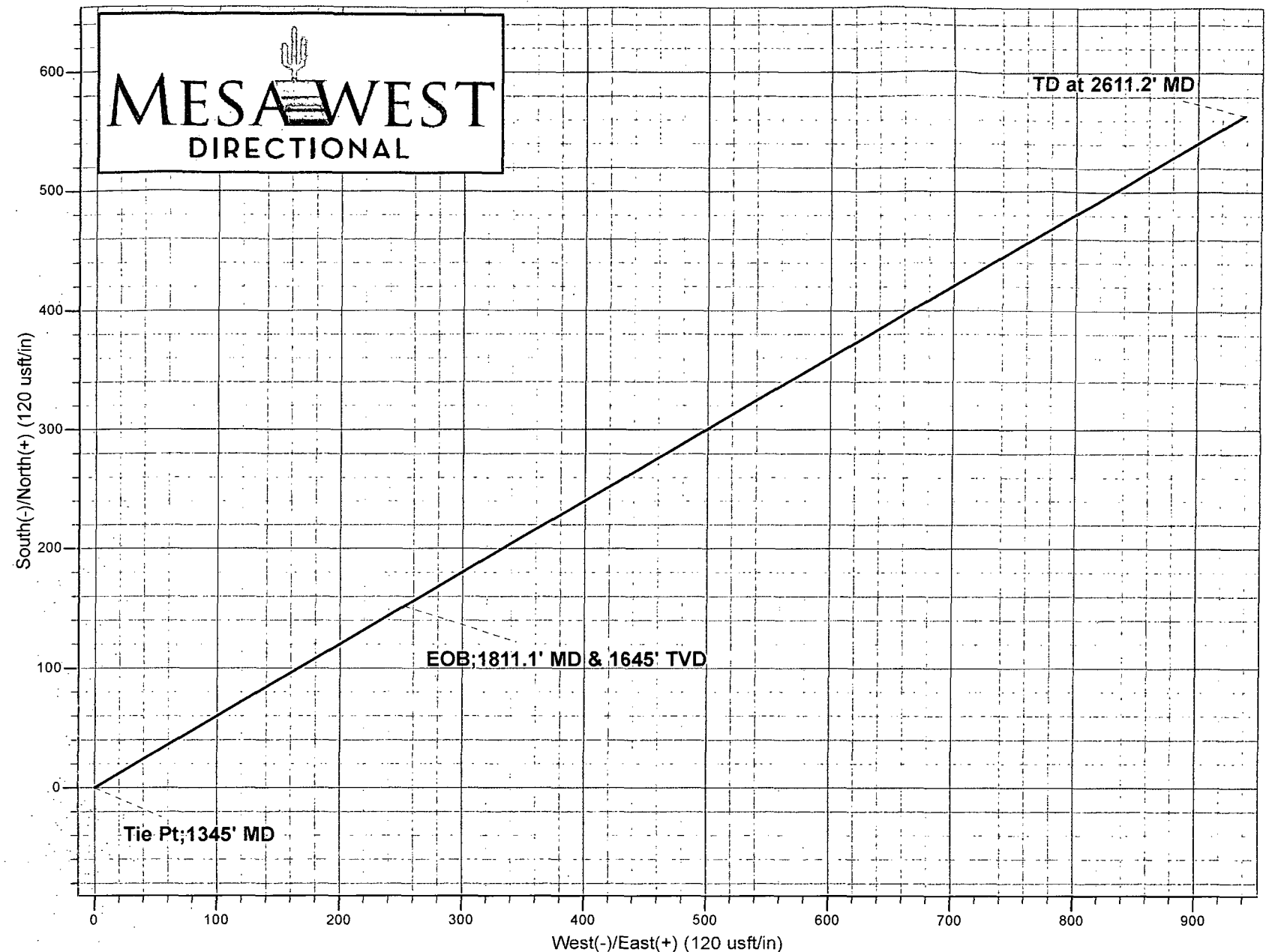
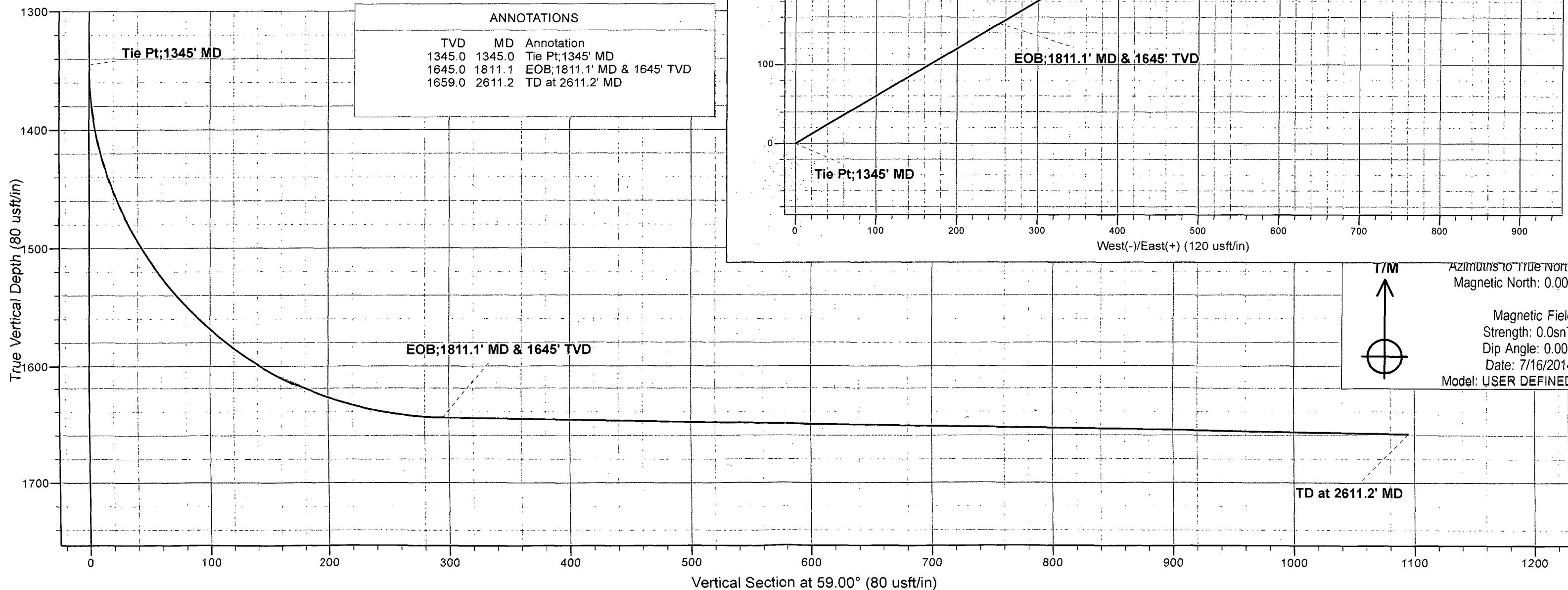
Geodetic System: Flat Earth
Ellipsoid: WGS 1984
Zone: No Conversions
Northing: 0.00
Easting: 0.00
Latitude: 0° 0' 0.000 N
Longitude: 121° 29' 19.478 W
Grid Convergence: 0.00° West
Ground Elevation: 7030.0
KB Elevation: Est RKB @ 7041.0usft (Original Well Ele

PLAN DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1345.0	0.00	0.00	1345.0	0.0	0.0	0.00	0.00	0.0	
1811.1	89.00	59.00	1645.0	151.8	252.7	19.10	59.00	294.8	
2611.2	89.00	59.00	1659.0	563.9	938.4	0.00	0.00	1094.8	

ANNOTATIONS

TVD	MD	Annotation
1345.0	1345.0	Tie Pt;1345' MD
1645.0	1811.1	EOB;1811.1' MD & 1645' TVD
1659.0	2611.2	TD at 2611.2' MD



Azimuths to True North
Magnetic North: 0.00

Magnetic Field
Strength: 0.0sn
Dip Angle: 0.00
Date: 7/16/2014
Model: USER DEFINED

DOMINION
Production Company, LLC.



Mesa West Directional
Telephone: 505.402.8944
www.mesawestdirectional.com

Dominion Production Company, LLC.

McKinley, NM (Flat Earth)

Hospah #10

Hospah #10

Re-Entry

UWI:

Plan: #1

Mesa West Planning Report

16 July, 2014


MESA WEST
DIRECTIONAL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Hospah #10
Company:	Dominion Production Company, LLC.	TVD Reference:	Est RKB @ 7041.0usft (Original Well Elev)
Project:	McKinley, NM (Flat Earth)	MD Reference:	Est RKB @ 7041.0usft (Original Well Elev)
Site:	Hospah #10	North Reference:	True
Well:	Hospah #10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Plan:	#1		

Project: McKinley, NM (Flat Earth)	
Map System:	Flat Earth
Geo Datum:	WGS 1984
Map Zone:	No Conversions
System Datum:	Mean Sea Level

Site		Hospah #10			
Site Position:		Northing:	0.00 usft	Latitude:	0° 0' 0.000 N
From:	None	Easting:	0.00 usft	Longitude:	0° 0' 0.000 E
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.00 °

Well:	Hospah #10					
Well Position	+N/-S	0.0 usft	Northing:	0.00 usft	Latitude:	0° 0' 0.000 N
	+E/-W	0.0 usft	Easting:	0.00 usft	Longitude:	121° 29' 19.478 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	7,030.0 usft

Wellbore		Re-Entry			
Magnetics	Model Name	Sample Date	Declination	Dip/Angle	Field Strength
			(°)	(°)	(nT)
	User Defined	7/16/2014	0.00	0.00	0

Plan:	#1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	1,345.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	59.00

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
1,345.0	0.00	0.00	1,345.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,811.1	89.00	59.00	1,645.0	151.8	252.7	19.10	19.10	0.00	59.00	
2,611.2	89.00	59.00	1,659.0	563.9	938.4	0.00	0.00	0.00	0.00	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Hospah #10
Company:	Dominion Production Company, LLC.	TVD Reference:	Est RKB @ 7041.0usft (Original Well Elev)
Project:	McKinley, NM (Flat Earth)	MD Reference:	Est RKB @ 7041.0usft (Original Well Elev)
Site:	Hospah #10	North Reference:	True
Well:	Hospah #10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Plan:	#1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Tie Pt: 1345' MD										
1,345.0	0.00	0.00	1,345.0	-5,696.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	10.50	59.00	1,399.7	-5,641.3	2.6	4.3	5.0	19.10	19.10	0.00
1,500.0	29.60	59.00	1,493.2	-5,547.8	20.2	33.6	39.2	19.10	19.10	0.00
1,600.0	48.69	59.00	1,570.4	-5,470.6	52.5	87.4	102.0	19.10	19.10	0.00
1,700.0	67.79	59.00	1,622.8	-5,418.2	96.1	160.0	186.6	19.10	19.10	0.00
1,800.0	86.89	59.00	1,644.6	-5,396.4	146.1	243.2	283.7	19.10	19.10	0.00
EOB: 1811.1' MD & 1645' TVD										
1,811.1	89.00	59.00	1,645.0	-5,396.0	151.8	252.7	294.8	19.10	19.10	0.00
1,900.0	89.00	59.00	1,646.6	-5,394.4	197.6	328.9	383.7	0.00	0.00	0.00
2,000.0	89.00	59.00	1,648.3	-5,392.7	249.1	414.6	483.7	0.00	0.00	0.00
2,100.0	89.00	59.00	1,650.0	-5,391.0	300.6	500.3	583.7	0.00	0.00	0.00
2,200.0	89.00	59.00	1,651.8	-5,389.2	352.1	586.0	683.7	0.00	0.00	0.00
2,300.0	89.00	59.00	1,653.5	-5,387.5	403.6	671.7	783.7	0.00	0.00	0.00
TD at 2611.2' MD										
2,611.2	89.00	59.00	1,659.0	-5,382.0	563.9	938.4	1,094.8	0.00	0.00	0.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
1,345.0	1,345.0	0.0	0.0	Tie Pt: 1345' MD
1,811.1	1,645.0	151.8	252.7	EOB: 1811.1' MD & 1645' TVD
2,611.2	1,659.0	563.9	938.4	TD at 2611.2' MD

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 3003160017	² Pool Code	³ Pool Name South Hospah Lower Sand
⁴ Property Code	⁵ Property Name South Hospah	⁶ Well Number #10
⁷ OGRID No.	⁸ Operator Name Dominion Production Co. LLC	⁹ Elevation 7034'

¹⁰ Surface Location

UL or lot no. C	Section 12	Township 17N	Range 9W	Lot Idn	Feet from the 990'	North/South line North	Feet from the 2300'	East/West line West	County McKinley
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. CB	Section 12	Township 17N	Range 9W	Lot Idn	Feet from the 563.9	North/South line North	Feet from the 1701.6	East/West line East	County McKinley
¹² Dedicated Acres 80	¹³ Joint or Infill Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p>Mike Allen 7-30-2014</p> <p>Signature Date</p> <p>Mike Allen</p> <p>Printed Name</p> <p>mike.allen@nmtx.com</p> <p>E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (505) 333-6161 Fax: (505) 333-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

DISTRICT III
1000 E. Brown St., Aztec, N.M. 87410
Phone: (505) 354-0178 Fax: (505) 354-0170

DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3463

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

**Revised*

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-031-60017		² Pool Code		³ Pool Name	
⁴ Property Code 311760		⁵ Property Name SOUTH HOSPAH			⁶ Well Number 10
⁷ GRID No. 291567		⁸ Operator Name DOMINION PRODUCTION COMPANY LLC			⁹ Elevation 7038'

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
C	12	17-N	9-W		1003	NORTH	2335	WEST	McKINLEY

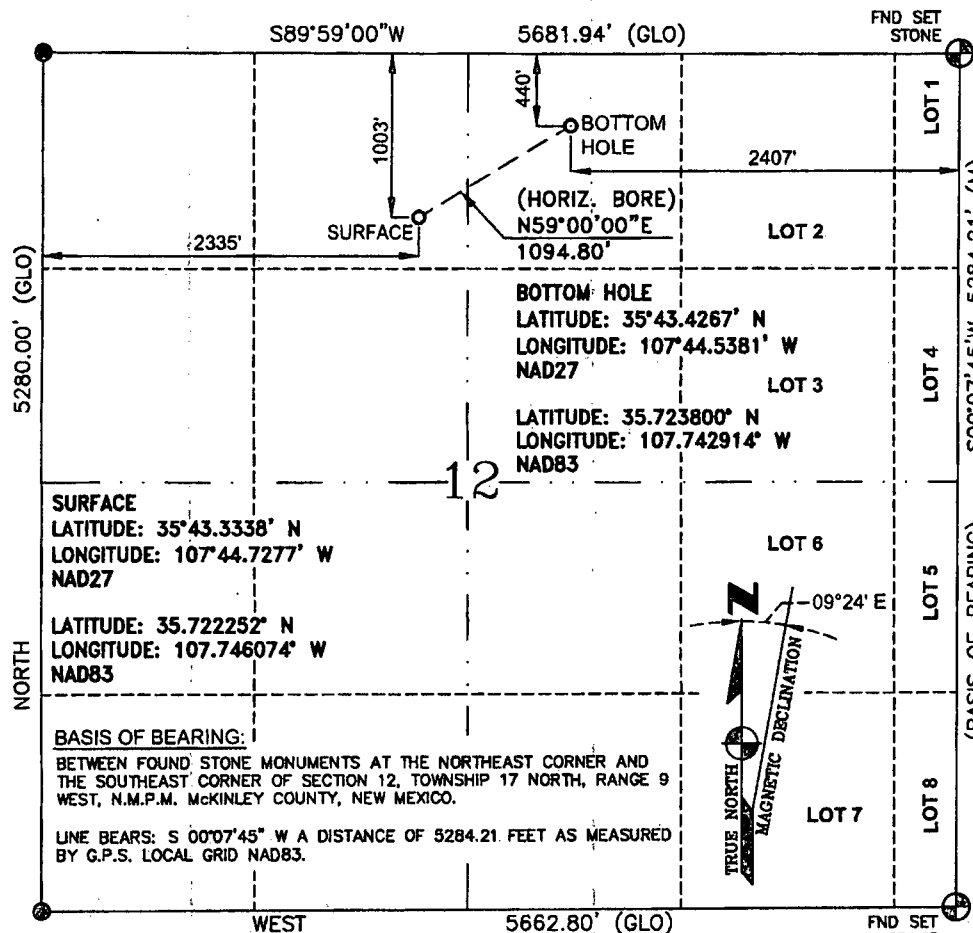
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	12	17-N	9-W		440	NORTH	2407	EAST	McKINLEY

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



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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: _____
 Printed Name: _____
 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.

AUGUST 28, 2014
 Date of Survey

Signature and Seal of _____

GLEN W. RUSSELL

Certificate Number

15703