

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.*5. Lease Serial No.
NMLC032096A

6. If Indian, allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

APACHE CORPORATION

Contact: SORINA FLORES

E-Mail: sorina.flores@apachecorp.com

3a. Address

303 VETERANS AIRPARK LN #1000
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 432-818-1167

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

Sec 17 T21S R37E Mer NMP NESE 2300FSL 500FEL
32.477986 N Lat, 103.178217 W Lon

8. Well Name and No.

WEST BLINEBRY DRINKARD UNIT 221

9. API Well No.

30-025-42496

10. Field and Pool or Exploratory Area

EUNICE;BLI-TU-DR,N

11. County or Parish, State

LEA COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Change to Original A
PD

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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BLM-CO-1463 NATIONWIDE; NMB-000736

APACHE REQUESTS TO CHANGE WEST BLINEBRY DRINKARD #221 FROM VERTICAL TO DIRECTIONAL.

NEW CALLS:

SHL: 2300' FSL & 500' FEL

BHL: 1980' FSL & 660' FEL

TVD: 6860' MD: 6875.5'

** NEW C-102 & DIRECTIONAL PLAT ATTACHED.

- All previous COAs will apply. Additional COA is not required

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #368704 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/06/2017 ()

Name (Printed/Typed) SORINA FLORES

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/02/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Mustafa Hagve

Title

PETROLEUM ENGINEER

Date

4/11/2017

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

CFO

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42496	Pool Code 22900	Pool Name EUNICE; BLI-TU-DR, NORTH
Property Code 37346	Property Name WEST BLINEBRY DRINKARD UNIT	Well Number 221W
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3464'

Surface Location

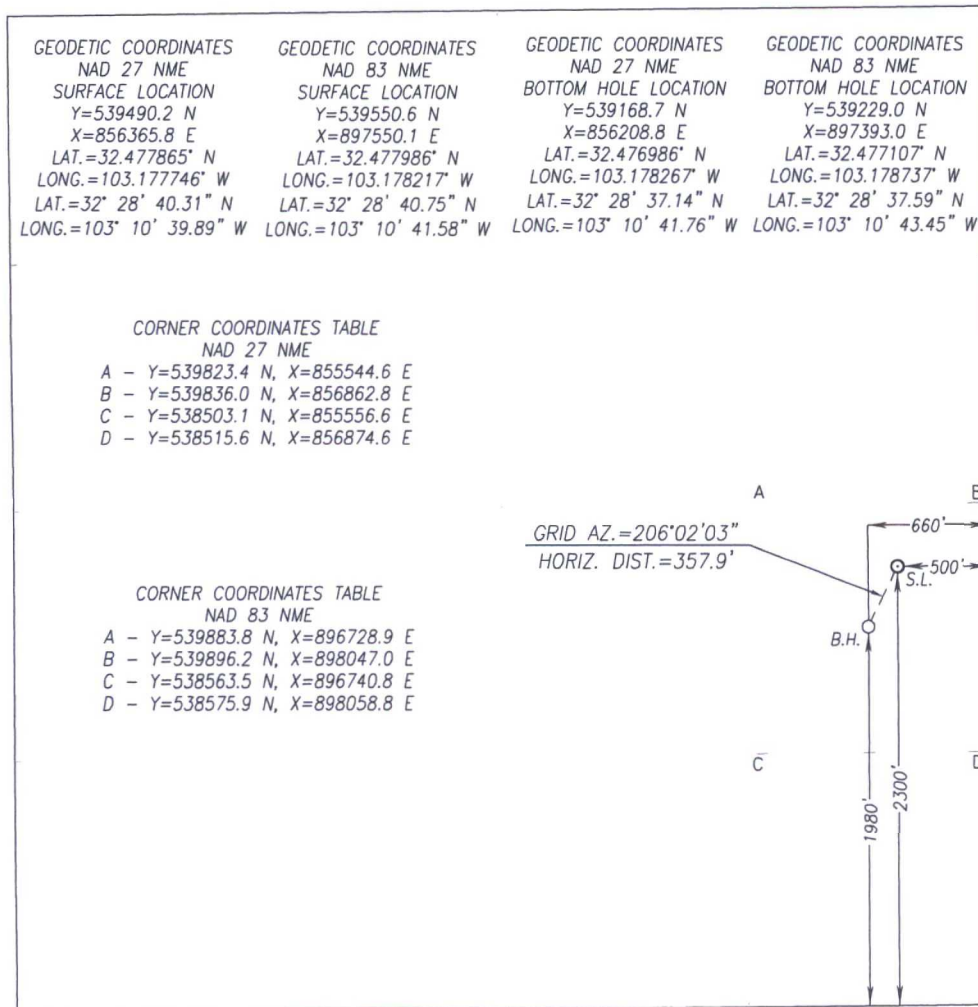
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	21-S	37-E		2300	SOUTH	500	EAST	LEA

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	17	21-S	37-E		1980	SOUTH	660	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sorina L Flores 3/2/2017
Signature Date

SORINA L. FLORES

Printed Name

sorina.flores@apachecorp.com
E-mail Address

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 5 2014

Date of Survey 3239
Signature & Seal of Professional Surveyor:

Ronald J. Eidson 02/28/2017
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK REL. W.O.:13111281 JWSC W.O.: 17.13.0152



Apache Corporation

Lea County, NM

Sec 17, T21S, 37E

West Blinebry Drinkard Unit #221

Wellbore #1

Plan: Design #1

QES Well Planning Report

02 March, 2017





Well Planning Report



Database: EDM5002
Company: Apache Corporation
Project: Lea County, NM
Site: Sec 17, T21S, 37E
Well: West Blinebry Drinkard Unit #221
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well West Blinebry Drinkard Unit #221
TVD Reference: KB @ 3478.0usft (Sendero #19)
MD Reference: KB @ 3478.0usft (Sendero #19)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Lea County, NM		
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	Sec 17, T21S, 37E		
Site Position:		Northing:	541,661.76 usft
From:	Map	Easting:	854,741.12 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 29' 1.972 N
		Longitude:	103° 10' 58.577 W
		Grid Convergence:	0.62 °

Well	West Blinebry Drinkard Unit #221		
Well Position	+N/-S	-2,171.6 usft	Northing:
	+E/-W	1,624.7 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 28' 40.313 N
		Longitude:	103° 10' 39.887 W
		Ground Level:	3,464.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	3/1/2017	6.82
			Dip Angle
			(°)
			60.36
			Field Strength
			(nT)
			48,161

Design	Design #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			206.03

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,645.4	0.00	0.00	2,645.4	0.0	0.0	0.00	0.00	0.00	0.00	
2,895.4	5.00	206.03	2,895.1	-9.8	-4.8	2.00	2.00	0.00	206.03	
6,875.5	5.00	206.03	6,860.0	-321.5	-157.0	0.00	0.00	0.00	0.00	PBHL WBDU #221



Well Planning Report



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Design: Design #1

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TVD Reference: KB @ 3478.0usft (Sendero #19)
MD Reference: KB @ 3478.0usft (Sendero #19)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler									
1,244.0	0.00	0.00	1,244.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
1,350.0	0.00	0.00	1,350.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
Salado									
1,441.0	0.00	0.00	1,441.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
Tansill									
2,486.0	0.00	0.00	2,486.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
Yates									
2,614.0	0.00	0.00	2,614.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 2°/100'									
2,645.4	0.00	0.00	2,645.4	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	1.09	206.03	2,700.0	-0.5	-0.2	0.5	2.00	2.00	0.00
2,800.0	3.09	206.03	2,799.9	-3.7	-1.8	4.2	2.00	2.00	0.00
Seven Rivers									
2,883.3	4.76	206.03	2,883.0	-8.9	-4.3	9.9	2.00	2.00	0.00
Hold 5.00° INC									
2,895.4	5.00	206.03	2,895.1	-9.8	-4.8	10.9	2.00	2.00	0.00
2,900.0	5.00	206.03	2,899.7	-10.2	-5.0	11.3	0.00	0.00	0.00
3,000.0	5.00	206.03	2,999.3	-18.0	-8.8	20.0	0.00	0.00	0.00
3,100.0	5.00	206.03	3,098.9	-25.8	-12.6	28.7	0.00	0.00	0.00
3,200.0	5.00	206.03	3,198.5	-33.7	-16.4	37.4	0.00	0.00	0.00
3,300.0	5.00	206.03	3,298.1	-41.5	-20.3	46.2	0.00	0.00	0.00
3,400.0	5.00	206.03	3,397.8	-49.3	-24.1	54.9	0.00	0.00	0.00
Queen									
3,413.3	5.00	206.03	3,411.0	-50.4	-24.6	56.0	0.00	0.00	0.00



Well Planning Report



Database: EDM5002
 Company: Apache Corporation
 Project: Lea County, NM
 Site: Sec 17, T21S, 37E
 Well: West Blinebry Drinkard Unit #221
 Wellbore: Wellbore #1
 Design: Design #1

Local Co-ordinate Reference: Well West Blinebry Drinkard Unit #221
 TVD Reference: KB @ 3478.0usft (Sendero #19)
 MD Reference: KB @ 3478.0usft (Sendero #19)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned 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)
3,500.0	5.00	206.03	3,497.4	-57.1	-27.9	63.6	0.00	0.00	0.00
3,600.0	5.00	206.03	3,597.0	-65.0	-31.7	72.3	0.00	0.00	0.00
Grayburg									
3,694.4	5.00	206.03	3,691.0	-72.4	-35.3	80.5	0.00	0.00	0.00
3,700.0	5.00	206.03	3,696.6	-72.8	-35.6	81.0	0.00	0.00	0.00
3,800.0	5.00	206.03	3,796.2	-80.6	-39.4	89.7	0.00	0.00	0.00
San Andres									
3,897.1	5.00	206.03	3,893.0	-88.2	-43.1	98.2	0.00	0.00	0.00
3,900.0	5.00	206.03	3,895.9	-88.5	-43.2	98.5	0.00	0.00	0.00
4,000.0	5.00	206.03	3,995.5	-96.3	-47.0	107.2	0.00	0.00	0.00
4,100.0	5.00	206.03	4,095.1	-104.1	-50.9	115.9	0.00	0.00	0.00
4,200.0	5.00	206.03	4,194.7	-112.0	-54.7	124.6	0.00	0.00	0.00
4,300.0	5.00	206.03	4,294.3	-119.8	-58.5	133.3	0.00	0.00	0.00
4,400.0	5.00	206.03	4,394.0	-127.6	-62.3	142.0	0.00	0.00	0.00
4,500.0	5.00	206.03	4,493.6	-135.5	-66.2	150.8	0.00	0.00	0.00
4,600.0	5.00	206.03	4,593.2	-143.3	-70.0	159.5	0.00	0.00	0.00
4,700.0	5.00	206.03	4,692.8	-151.1	-73.8	168.2	0.00	0.00	0.00
4,800.0	5.00	206.03	4,792.4	-159.0	-77.6	176.9	0.00	0.00	0.00
4,900.0	5.00	206.03	4,892.1	-166.8	-81.4	185.6	0.00	0.00	0.00
5,000.0	5.00	206.03	4,991.7	-174.6	-85.3	194.3	0.00	0.00	0.00
5,100.0	5.00	206.03	5,091.3	-182.5	-89.1	203.0	0.00	0.00	0.00
Glorieta									
5,168.0	5.00	206.03	5,159.0	-187.8	-91.7	209.0	0.00	0.00	0.00
5,200.0	5.00	206.03	5,190.9	-190.3	-92.9	211.8	0.00	0.00	0.00
Paddock									
5,238.2	5.00	206.03	5,229.0	-193.3	-94.4	215.1	0.00	0.00	0.00
5,300.0	5.00	206.03	5,290.5	-198.1	-96.7	220.5	0.00	0.00	0.00
5,400.0	5.00	206.03	5,390.2	-205.9	-100.6	229.2	0.00	0.00	0.00
5,500.0	5.00	206.03	5,489.8	-213.8	-104.4	237.9	0.00	0.00	0.00
5,600.0	5.00	206.03	5,589.4	-221.6	-108.2	246.6	0.00	0.00	0.00
Blinebry									
5,681.9	5.00	206.03	5,671.0	-228.0	-111.4	253.8	0.00	0.00	0.00
5,700.0	5.00	206.03	5,689.0	-229.4	-112.0	255.3	0.00	0.00	0.00
5,800.0	5.00	206.03	5,788.6	-237.3	-115.9	264.1	0.00	0.00	0.00
5,900.0	5.00	206.03	5,888.2	-245.1	-119.7	272.8	0.00	0.00	0.00
6,000.0	5.00	206.03	5,987.9	-252.9	-123.5	281.5	0.00	0.00	0.00
6,100.0	5.00	206.03	6,087.5	-260.8	-127.3	290.2	0.00	0.00	0.00
Tubb									
6,174.8	5.00	206.03	6,162.0	-266.6	-130.2	296.7	0.00	0.00	0.00
6,200.0	5.00	206.03	6,187.1	-268.6	-131.2	298.9	0.00	0.00	0.00
6,300.0	5.00	206.03	6,286.7	-276.4	-135.0	307.6	0.00	0.00	0.00
6,400.0	5.00	206.03	6,386.3	-284.3	-138.8	316.3	0.00	0.00	0.00
Drinkard									
6,487.0	5.00	206.03	6,473.0	-291.1	-142.1	323.9	0.00	0.00	0.00
6,500.0	5.00	206.03	6,486.0	-292.1	-142.6	325.1	0.00	0.00	0.00
6,600.0	5.00	206.03	6,585.6	-299.9	-146.5	333.8	0.00	0.00	0.00
6,700.0	5.00	206.03	6,685.2	-307.8	-150.3	342.5	0.00	0.00	0.00
Abo									
6,737.9	5.00	206.03	6,723.0	-310.7	-151.7	345.8	0.00	0.00	0.00
6,800.0	5.00	206.03	6,784.8	-315.6	-154.1	351.2	0.00	0.00	0.00
TD @ 6875.5' MD/6860.0' TVD									
6,875.5	5.00	206.03	6,860.0	-321.5	-157.0	357.8	0.00	0.00	0.00

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Project: Lea County, NM
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Design Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
PBHL WBDU #221	0.00	0.00	6,860.0	-321.5	-157.0	539,168.70	856,208.80	32° 28' 37.149 N	103° 10' 41.761 W
- plan hits target center									
- Point									

Casing Points

Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(")	(")
1,350.0	1,350.0	8 5/8"	8-5/8	11

Formations

Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(°)
1,244.0	1,244.0	Rustler		0.00	
1,441.0	1,441.0	Salado		0.00	
2,486.0	2,486.0	Tansill		0.00	
2,614.0	2,614.0	Yates		0.00	
2,883.3	2,883.0	Seven Rivers		0.00	
3,413.3	3,411.0	Queen		0.00	
3,694.4	3,691.0	Grayburg		0.00	
3,897.1	3,893.0	San Andres		0.00	
5,168.0	5,159.0	Glorieta		0.00	
5,238.2	5,229.0	Paddock		0.00	
5,681.9	5,671.0	Blinebry		0.00	
6,174.8	6,162.0	Tubb		0.00	
6,487.0	6,473.0	Drinkard		0.00	
6,737.9	6,723.0	Abo		0.00	

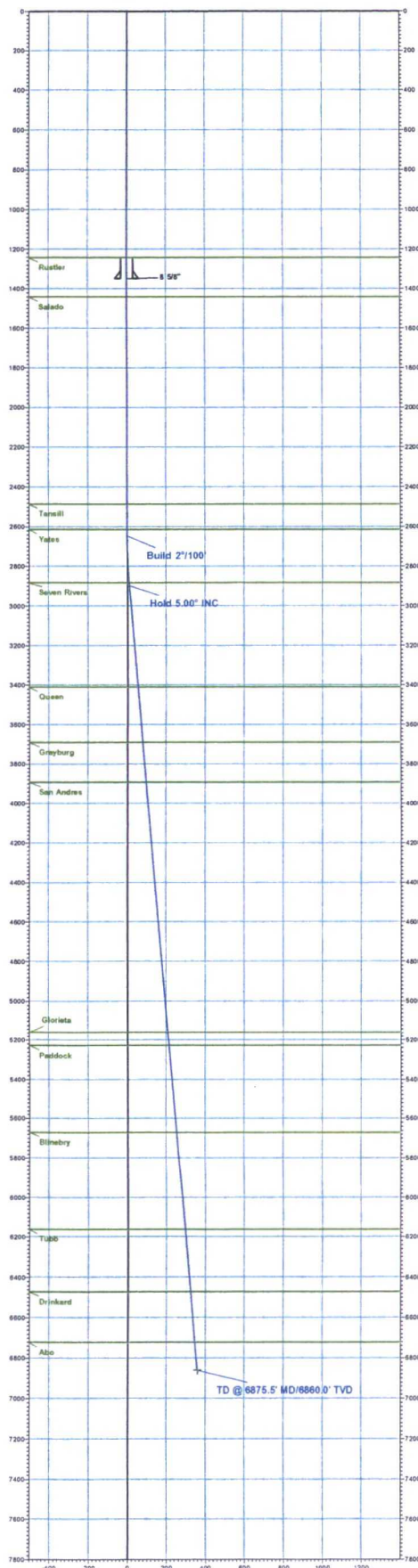
Plan Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
2,645.4	2,645.4	0.0	0.0	Build 2°/100'
2,895.4	2,895.1	-9.8	-4.8	Hold 5.00° INC
6,875.5	6,860.0	-321.5	-157.0	TD @ 6875.5' MD/6860.0' TVD



Company Name: Apache Corporation
West Blinberry Drinkard Unit #221
Lea County, NM
Rig: Sendero #19
Created By: Shelly Peterkin
Date: 3/2/2017

West Blinberry Drinkard Unit #221
Lea County, NM
Q170*** & WT-170***
Design #1

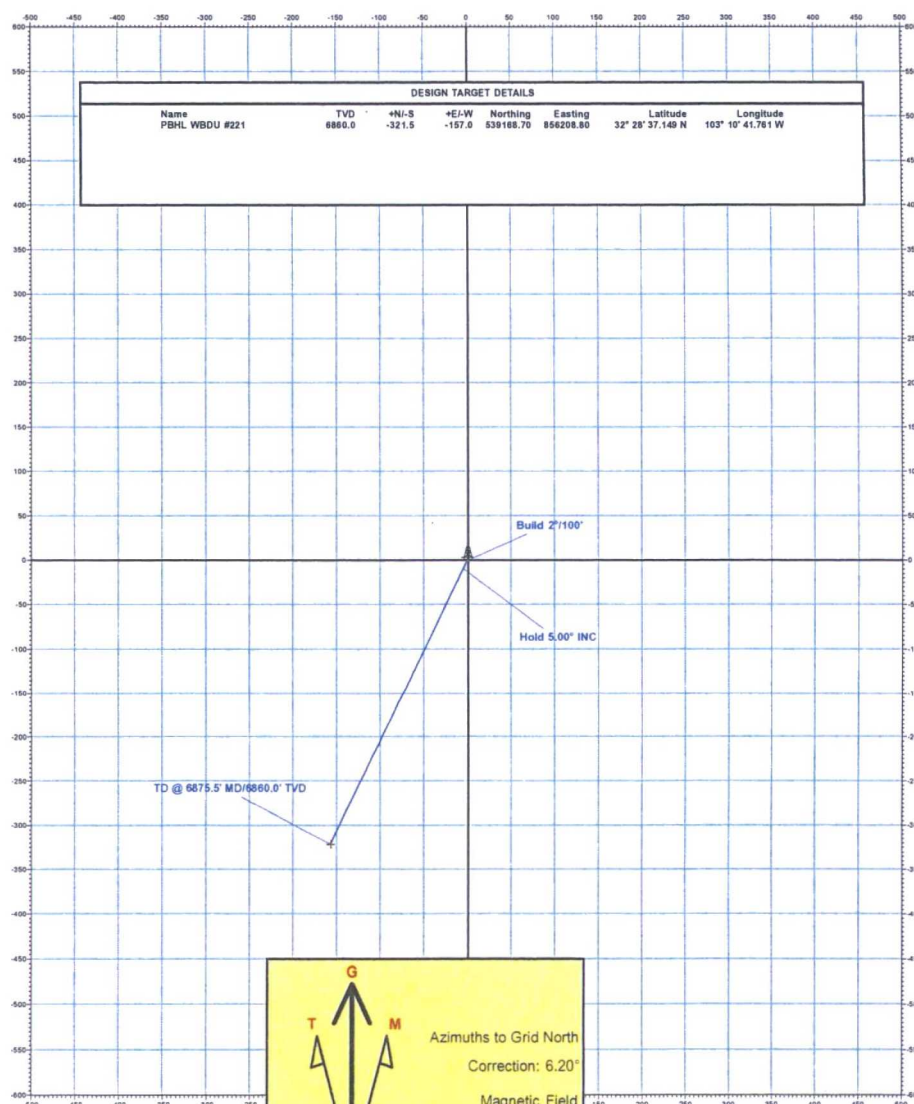


Vertical Section at 206.03° (200 usft/in)

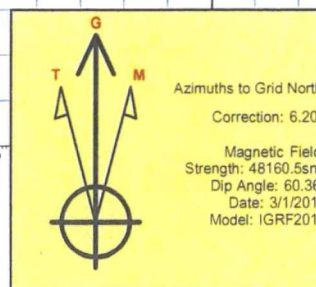
WELL DETAILS: West Blinberry Drinkard Unit #221						
		Ground Level: 3484.0				
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Spot
0.0	0.0	539490.20	856365.80	32° 28' 40.313 N	103° 10' 39.887 W	

ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure
2645.4	0.00	0.00	2645.4	0.0	0.0	0.0	0.0
2895.4	5.00	206.03	2895.1	-9.8	-4.8	10.9	10.9
6875.5	5.00	206.03	6860.0	-321.5	-157.0	357.8	357.8

PROJECT DETAILS: Lea County, NM	
Geodetic System: US State Plane 1927 (Exact solution)	
Datum: NAD 1927 (NADCON CONUS)	
Ellipsoid: Clarke 1866	
Zone: New Mexico East 3001	
System Datum: Mean Sea Level	



DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
PBHL WBDU #221	6860.0	-321.5	-157.0	539168.70	856208.80	32° 28' 37.149 N



Azimuths to Grid North
Correction: 6.20°
Magnetic Field
Strength: 48160.5nT
Dip Angle: 60.36°
Date: 3/1/2017
Model: IGRF2015