

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.
NMNM107369

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.8. Well Name and No.
WHITE CITY 21 25 27 FED COM 6H9. API Well No.
30-015-4297610. Field and Pool, or Exploratory
HAY HOLLOW; BONE SPRING N

11. County or Parish, and State

EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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 shall 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 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.)

CHEVRON USA INC REQUESTS TO MAKE CHANGES FROM ORIGINAL APD ON THE CHOKE MANIFOLD HOSE AND CHANGE IN PAD LAYOUT DUE TO CHANGE OF THE DRILLING CONTRACTOR. PLEASE SEE ATTACHED CHANGES FOR THE ABOVE WELL.
THE REPLACEMENT RIG IS NABORS M51 WHICH WILL START DRILLING FROM THE WELL.

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 18 2015

RECEIVED

Engineering OK

Kenneth Rennie 06/08/2015

OK CAL 7/30/15 & see existing COA's

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

Electronic Submission #294896 verified by the BLM Well Information System
For CHEVRON USA INC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 03/20/2015 ()

Name (Printed/Typed) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 03/13/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

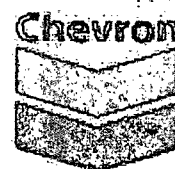
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

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

Delaware Basin
Changes to APD for Fed Well



Well Name: White City 21 25 27 Fed Com 6H

API Well No.: 30-015-42883
42976

Rig: Nabors M51

CVX CONTACT:

SERIK SEITASSANOV
DRILLING ENGINEER
1400 SMITH ST.
HOUSTON, TX 77002
DESK: HOU140/43-094
CELL: 832-581-8145
EMAIL: SERIK.SEITASSANOV@CHEVRON.COM

Summary of Changes to APD Submission

Due to the changes of the drilling contractor and release of Ensign 767 from Chevron operations, certain changes will be required to the approved APD due to the change of the rig and BOP equipment. The replacement rig is Nabors M51 which will start drilling from the well in the subject. Summary of the changes:

1. Change in the choke manifold hose certification due to change of the rig
2. Change in the pad layout due to change of the rig equipment layout

(3) BOP equipment

Summary: BOP equipment requirement meets the requirement of the BOP and choke manifold configuration specified in the approved APD. The hose between BOP and choke manifold will change.

As Defined in APD:

- Certificate with specifications and pressure test chart attached

As Planned on Well:

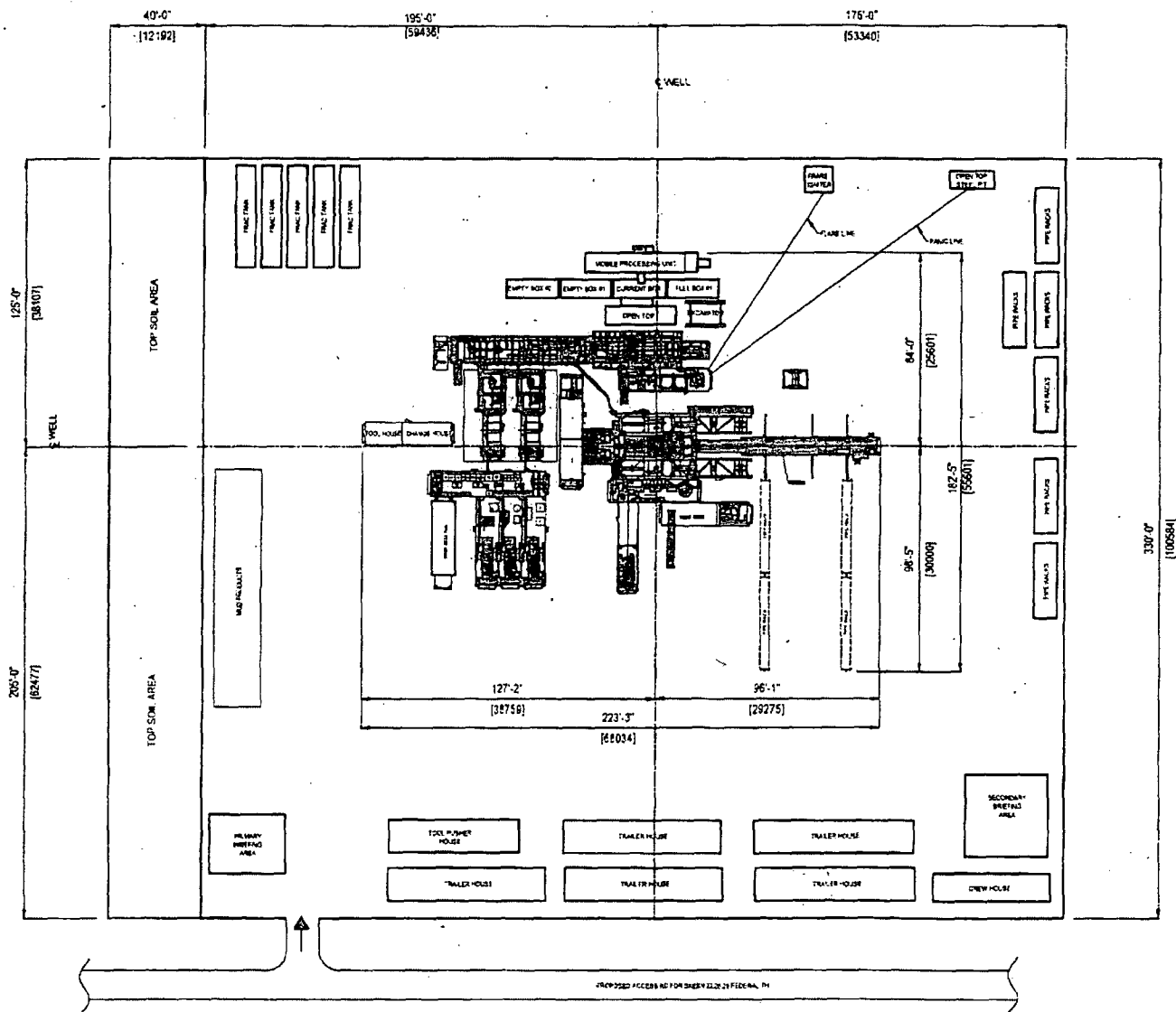
- Another hose certificate with specifications and pressure test chart attached

(Exhibit D) Well site layout

Summary: Due to the drilling contractor change and subsequently the drilling rig, the location layout change. Attached is a location layout with Nabors M51 on White City 21 25-27 Com 6H 330 x 370 ft built pad.

(Attachment) Directional plan and plot

Summary: Due to the drilling contractor change and subsequently the drilling rig, the KB (Kelly Bushing) elevation changed from 31 to 22 ft from, thus well plan TVDs had to be adjusted to the change. Updated plan attached. No changes to the landing point and BHL.



NABORS - M51
WELL PAD LAYOUT
CHEVRON U.S.A., Inc

WHITE CITY 12 25 27 FED COM No. 6H WELL
SECTIONS 21 & 28, T25S-R27E
EDDY COUNTY, NEW MEXICO



A		FIELD NO.	2-75-15	DATE	THIS REPORT IS SUBMITTED TO THE FIELD AND TO THE HEADQUARTERS OF THE FIELD OFFICE	
2	REPORTING AGENCY	OFFICE NO.	2500	DATE	1-27-75	BY
3	REPORTING OFFICER	DATE	1-27-75	DATE	1-27-75	BY

FIELD OFFICE

RIG - M51
WELL PAD LAYOUT
CHEVRON - NEW MEXICO

NABORS

NABORS CORPORATION



Fluid Technology

Quality Department

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT N° 378	
PURCHASER: Contitech Beattie Co				P.C. N° 004944	
CONTITECH ORDER N° 498705		HOSE TYPE 3" ID		Choke and Kill Hose	
HOSE SERIAL N° 60575		NOMINAL / ACTUAL LENGTH 9.14 m / 9.14 m			
W.P. 68.9 MPa 10000 psi		T.P. 103.4 MPa 15000 psi		Duration: 60 min.	
Pressure test with water at ambient temperature See attachment. (1 page) 10 min • 10 MPa 10 min • 20 MPa					
COUPLINGS Type		Serial N°		Quality	
3" coupling with		8925 8930		AISI 4130	
4 1/15" Swivel Flange end				AISI 4130	
Hub				AISI 4130	
				82297A	
				31863	
				82297A	
ASSET NUMBER : 66 - 0694				API Spec 16 C	
				Temperature rate: "B"	
All metal parts are Sandless					
WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER INSPECTED AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.					
STATEMENT OF CONFORMITY: We hereby certify that the above hose/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchase Order and that these hose/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.					
COUNTRY OF ORIGIN: HUNGARY/EU					
Date:	Inspector		Quality Control		
22. March 2011			Contitech Rubber Industrial H/L Quality Control Dept. 		

No. 319, 377, 378

Continued Rubber
Industrial Mfg.
Quality Control Dept.

Hose Data Sheet

CRI Order No	409705
Customer	Cantitech Seattle Co.
Customer Order No	PO4944 PBC10924
Item No	1
Hose Type	Flexible Hose
Standard	API SPEC 16 C
Inside dia in inches	3
Length	30 ft
Type of coupling one end	FLANGE 4 1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155 ST/ST INLAID R.GR
Type of coupling other end	FLANGE 4 1/16" 10KPSI API SPEC 17D SV SWIVEL FLANGE C/W BX155 ST/ST INLAID R.GR
H2S service NACE MR0175	Yes
Working Pressure	10 000 psi
Design Pressure	10 000 psi
Test Pressure	15 000 psi
Safety Factor	2.25
Marking	USUAL PHOENIX
Cover	NOT FIRE RESISTANT
Outside protection	St. steel outer wrap
Internal strip/wound tube	No
Lining	OIL RESISTANT
Safety clamp	Yes
Lifting collar	Yes
Element C	Yes
Safety chain	No
Safety wire rope	Yes
Max. design temperature [°C]	100
Min design temperature [°C]	-20
MBR operating [m]	1.60
MBR storage [m]	1.40
Type of packing	WOODEN CRATE ISPM-15

Chevron USA, Inc.

Project: Eddy County, NMB
 Site: White City
 Well: White City 21 25 27 Com 6H
 Wellbore: Wellbore #1
 Design: Plan #2
 Rig: Nabors M51

SURFACE LOCATION

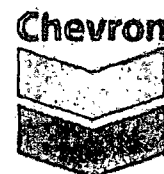
US State Plane 1927 (Exact solution)
 New Mexico East 3001
 Elevation: GL 3127.0' + KB 22.0' @ 3149.00usft (Nabors M51)
 Northing 403417.00 Easting 542268.00 Latitude 32° 6' 32.530 N Longitude 104° 11' 48.555 W

To convert a Magnetic Direction to a Grid Direction, Add 7.51°

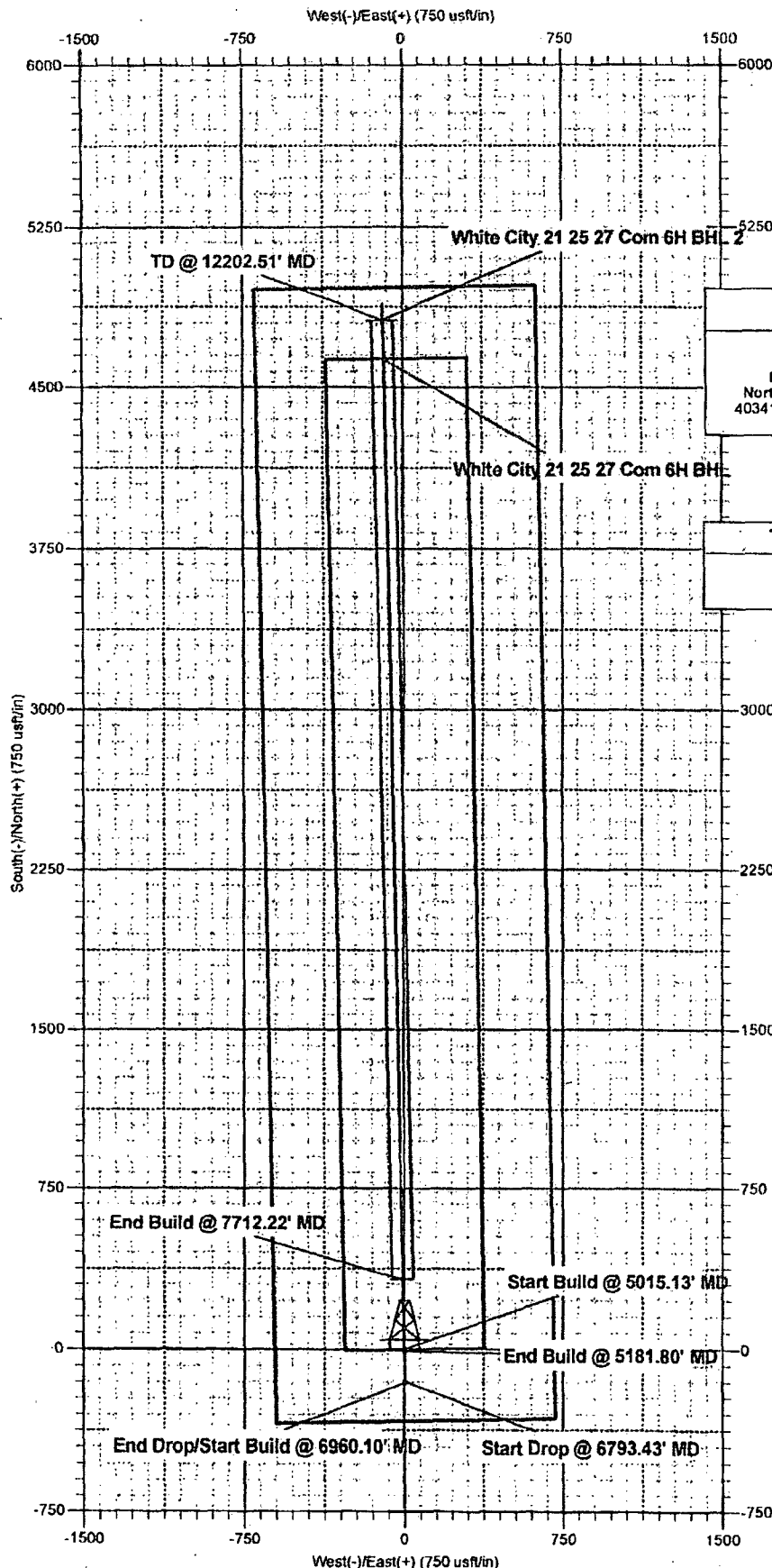
Magnetic Model: BCGM2014 Date: 04-Mar-15
 Azimuths to Grid North

TARGET INFORMATION:

7432.47' TVD @ 0.0° VS w/0.26° Up Dip
 25' Up & 25' Down
 50' Left & 50' Right



Created By: Clyde J. Geoffroy



Chevron USA, Inc.

Eddy County, NM

White City

White City 21 25 27 Com 6H

Wellbore #1

Plan: Plan #2

Sperry Drilling Services Proposal Report

04 March, 2015

Well Coordinates: 403,417.00 N, 542,268.00 E (32° 06' 32.53" N, 104° 11' 48.56" W)

Ground Level: 3,127.00 usft

Local Coordinate Origin: Centered on Well White City 21 25 27 Com 6H

Viewing Datum: GL 3127.0' + KB 22.0' @ 3149.00usft (Nabors M51)

TVDs to System: N

North Reference: Grid

Unit System: API - US Survey Feet

Version: 5000.1 Build: 72

HALLIBURTON

Plan Report for White City 21 25 27 Com 6H - Plan #2

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)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
511.00	0.00	0.00	511.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Castle										
2,101.00	0.00	0.00	2,101.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lamar LS										
2,141.00	0.00	0.00	2,141.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bell Canyon										
2,950.00	0.00	0.00	2,950.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Canyon										
4,070.00	0.00	0.00	4,070.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Canyon										
5,015.13	0.00	0.00	5,015.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build @ 5015.13' MD - Dogleg = 3.00°/100'										
5,100.00	2.55	178.91	5,099.97	-1.89	0.04	-1.89	3.00	3.00	0.00	178.91
5,181.80	5.00	178.91	5,181.59	-7.27	0.14	-7.27	3.00	3.00	0.00	0.00
End Build @ 5181.80' MD - Hold Angle @ 5.00°										
5,200.00	5.00	178.91	5,199.72	-8.85	0.17	-8.85	0.00	0.00	0.00	0.00
5,300.00	5.00	178.91	5,299.34	-17.57	0.33	-17.57	0.00	0.00	0.00	0.00
5,400.00	5.00	178.91	5,398.96	-26.28	0.50	-26.29	0.00	0.00	0.00	0.00
5,500.00	5.00	178.91	5,498.58	-34.99	0.67	-35.00	0.00	0.00	0.00	0.00
5,600.00	5.00	178.91	5,598.20	-43.71	0.83	-43.72	0.00	0.00	0.00	0.00
5,603.01	5.00	178.91	5,601.20	-43.97	0.84	-43.98	0.00	0.00	0.00	0.00
T/Bone Spring										
5,700.00	5.00	178.91	5,697.82	-52.42	1.00	-52.43	0.00	0.00	0.00	0.00
5,800.00	5.00	178.91	5,797.44	-61.14	1.16	-61.15	0.00	0.00	0.00	0.00
5,894.24	5.00	178.91	5,891.31	-69.35	1.32	-69.36	0.00	0.00	0.00	0.00
Avalon										
5,900.00	5.00	178.91	5,897.06	-69.85	1.33	-69.86	0.00	0.00	0.00	0.00
6,000.00	5.00	178.91	5,996.68	-78.56	1.50	-78.58	0.00	0.00	0.00	0.00
6,100.00	5.00	178.91	6,096.29	-87.28	1.66	-87.29	0.00	0.00	0.00	0.00
6,200.00	5.00	178.91	6,195.91	-95.99	1.83	-96.01	0.00	0.00	0.00	0.00
6,300.00	5.00	178.91	6,295.53	-104.71	1.99	-104.73	0.00	0.00	0.00	0.00
6,400.00	5.00	178.91	6,395.15	-113.42	2.16	-113.44	0.00	0.00	0.00	0.00
6,500.00	5.00	178.91	6,494.77	-122.13	2.32	-122.16	0.00	0.00	0.00	0.00
6,592.17	5.00	178.91	6,586.59	-130.17	2.48	-130.19	0.00	0.00	0.00	0.00
1st Bone Spring Sand										
6,600.00	5.00	178.91	6,594.39	-130.85	2.49	-130.87	0.00	0.00	0.00	0.00
6,700.00	5.00	178.91	6,694.01	-139.56	2.66	-139.59	0.00	0.00	0.00	0.00
6,793.43	5.00	178.91	6,787.09	-147.70	2.81	-147.73	0.00	0.00	0.00	0.00
Start Drop @ 6793.43' MD - Drop Rate = 3.00°/100'										
6,800.00	4.80	178.91	6,793.63	-148.27	2.82	-148.29	3.00	-3.00	0.00	180.00
6,900.00	1.80	178.91	6,893.45	-154.02	2.93	-154.05	3.00	-3.00	0.00	180.00
6,928.26	0.96	178.91	6,921.70	-154.70	2.94	-154.73	3.00	-3.00	0.00	180.00
Base 1st Bone Spring Sand										
6,960.10	0.00	0.00	6,953.54	-154.97	2.95	-155.00	3.00	-3.00	0.00	180.00
End Drop/Start Build @ 6960.10' MD - Build Rate = 12.00°/100'										
7,000.00	4.79	358.91	6,993.40	-153.30	2.92	-153.33	12.00	12.00	0.00	358.91
7,100.00	16.79	358.91	7,091.45	-134.62	2.56	-134.65	12.00	12.00	0.00	0.00
7,200.00	28.79	358.91	7,183.48	-95.97	1.83	-95.98	12.00	12.00	0.00	0.00
7,300.00	40.79	358.91	7,265.45	-39.03	0.74	-39.03	12.00	12.00	0.00	0.00
7,300.95	40.90	358.91	7,266.17	-38.40	0.73	-38.41	12.00	12.00	0.00	0.00
2nd Bone Spring Sand										
7,400.00	52.79	358.91	7,333.80	33.71	-0.64	33.72	12.00	12.00	0.00	0.00
7,500.00	64.79	358.91	7,385.52	119.06	-2.26	119.09	12.00	12.00	0.00	0.00
7,600.00	76.79	358.91	7,418.37	213.31	-4.06	213.34	12.00	12.00	0.00	0.00
7,700.00	88.79	358.91	7,430.90	312.32	-5.94	312.37	12.00	12.00	0.00	0.00
7,712.22	90.25	358.91	7,431.00	324.53	-6.17	324.59	12.00	12.00	0.00	0.00

Plan Report for White City 21 25 27 Com 6H - Plan #2

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)	Toolface Azimuth (°)
End Build @ 7712.22' MD - Hold Angle @ 90.26° - Tgt. Line										
7,800.00	90.26	358.91	7,430.61	412.30	-7.84	412.37	0.00	0.00	0.00	0.00
7,900.00	90.26	358.91	7,430.16	512.28	-9.75	512.37	0.00	0.00	0.00	0.00
8,000.00	90.26	358.91	7,429.72	612.26	-11.65	612.37	0.00	0.00	0.00	0.00
8,100.00	90.26	358.91	7,429.27	712.24	-13.55	712.37	0.00	0.00	0.00	0.00
8,200.00	90.26	358.91	7,428.83	812.22	-15.45	812.37	0.00	0.00	0.00	0.00
8,300.00	90.26	358.91	7,428.38	912.20	-17.35	912.37	0.00	0.00	0.00	0.00
8,400.00	90.26	358.91	7,427.94	1,012.18	-19.26	1,012.36	0.00	0.00	0.00	0.00
8,500.00	90.26	358.91	7,427.49	1,112.16	-21.16	1,112.36	0.00	0.00	0.00	0.00
8,600.00	90.26	358.91	7,427.05	1,212.14	-23.06	1,212.36	0.00	0.00	0.00	0.00
8,700.00	90.26	358.91	7,426.60	1,312.12	-24.96	1,312.36	0.00	0.00	0.00	0.00
8,800.00	90.26	358.91	7,426.16	1,412.10	-26.87	1,412.36	0.00	0.00	0.00	0.00
8,900.00	90.26	358.91	7,425.71	1,512.09	-28.77	1,512.36	0.00	0.00	0.00	0.00
9,000.00	90.26	358.91	7,425.26	1,612.07	-30.67	1,612.36	0.00	0.00	0.00	0.00
9,100.00	90.26	358.91	7,424.82	1,712.05	-32.57	1,712.36	0.00	0.00	0.00	0.00
9,200.00	90.26	358.91	7,424.37	1,812.03	-34.48	1,812.36	0.00	0.00	0.00	0.00
9,300.00	90.26	358.91	7,423.93	1,912.01	-36.38	1,912.36	0.00	0.00	0.00	0.00
9,400.00	90.26	358.91	7,423.48	2,011.99	-38.28	2,012.35	0.00	0.00	0.00	0.00
9,500.00	90.26	358.91	7,423.04	2,111.97	-40.18	2,112.35	0.00	0.00	0.00	0.00
9,600.00	90.26	358.91	7,422.59	2,211.95	-42.08	2,212.35	0.00	0.00	0.00	0.00
9,700.00	90.26	358.91	7,422.15	2,311.93	-43.99	2,312.35	0.00	0.00	0.00	0.00
9,800.00	90.26	358.91	7,421.70	2,411.91	-45.89	2,412.35	0.00	0.00	0.00	0.00
9,900.00	90.26	358.91	7,421.26	2,511.89	-47.79	2,512.35	0.00	0.00	0.00	0.00
10,000.00	90.26	358.91	7,420.81	2,611.88	-49.69	2,612.35	0.00	0.00	0.00	0.00
10,100.00	90.26	358.91	7,420.36	2,711.86	-51.60	2,712.35	0.00	0.00	0.00	0.00
10,200.00	90.26	358.91	7,419.92	2,811.84	-53.50	2,812.35	0.00	0.00	0.00	0.00
10,300.00	90.26	358.91	7,419.47	2,911.82	-55.40	2,912.35	0.00	0.00	0.00	0.00
10,400.00	90.26	358.91	7,419.03	3,011.80	-57.30	3,012.34	0.00	0.00	0.00	0.00
10,500.00	90.26	358.91	7,418.58	3,111.78	-59.21	3,112.34	0.00	0.00	0.00	0.00
10,600.00	90.26	358.91	7,418.14	3,211.76	-61.11	3,212.34	0.00	0.00	0.00	0.00
10,700.00	90.26	358.91	7,417.69	3,311.74	-63.01	3,312.34	0.00	0.00	0.00	0.00
10,800.00	90.26	358.91	7,417.25	3,411.72	-64.91	3,412.34	0.00	0.00	0.00	0.00
10,900.00	90.26	358.91	7,416.80	3,511.70	-66.81	3,512.34	0.00	0.00	0.00	0.00
11,000.00	90.26	358.91	7,416.36	3,611.68	-68.72	3,612.34	0.00	0.00	0.00	0.00
11,100.00	90.26	358.91	7,415.91	3,711.67	-70.62	3,712.34	0.00	0.00	0.00	0.00
11,200.00	90.26	358.91	7,415.47	3,811.65	-72.52	3,812.34	0.00	0.00	0.00	0.00
11,300.00	90.26	358.91	7,415.02	3,911.63	-74.42	3,912.34	0.00	0.00	0.00	0.00
11,400.00	90.26	358.91	7,414.57	4,011.61	-76.33	4,012.33	0.00	0.00	0.00	0.00
11,500.00	90.26	358.91	7,414.13	4,111.59	-78.23	4,112.33	0.00	0.00	0.00	0.00
11,600.00	90.26	358.91	7,413.68	4,211.57	-80.13	4,212.33	0.00	0.00	0.00	0.00
11,700.00	90.26	358.91	7,413.24	4,311.55	-82.03	4,312.33	0.00	0.00	0.00	0.00
11,800.00	90.26	358.91	7,412.79	4,411.53	-83.94	4,412.33	0.00	0.00	0.00	0.00
11,900.00	90.26	358.91	7,412.35	4,511.51	-85.84	4,512.33	0.00	0.00	0.00	0.00
12,000.00	90.26	358.91	7,411.90	4,611.49	-87.74	4,612.33	0.00	0.00	0.00	0.00
12,022.51	90.26	358.91	7,411.80	4,634.00	-88.17	4,634.84	0.00	0.00	0.00	0.00
White City 21 25 27 Com 6H BHL										
12,100.00	90.26	358.91	7,411.46	4,711.47	-89.64	4,712.33	0.00	0.00	0.00	0.00
12,200.00	90.26	358.91	7,411.01	4,811.46	-91.54	4,812.33	0.00	0.00	0.00	0.00
12,202.51	90.26	358.91	7,411.00	4,813.97	-91.59	4,814.84	0.00	0.00	0.00	0.00
TD @ 12202.51' MD - White City 21 25 27 Com 6H BHL 2										

Plan Report for White City 21 25 27 Com 6H - Plan #2

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
5,015.13	5,015.13	0.00	0.00	Start Build @ 5015.13' MD
5,015.13	5,015.13	0.00	0.00	Dogleg = 3.00°/100'
5,181.80	5,181.59	-7.27	0.14	End Build @ 5181.80' MD
5,181.80	5,181.59	-7.27	0.14	Hold Angle @ 5.00°
6,793.43	6,787.08	-147.70	2.81	Start Drop @ 6793.43' MD
6,793.43	6,787.09	-147.70	2.81	Drop Rate = 3.00°/100'
6,960.10	6,953.54	-154.97	2.95	End Drop/Start Build @ 6960.10' MD
6,960.10	6,953.54	-154.97	2.95	Build Rate = 12.00°/100'
7,712.22	7,431.00	324.53	-6.17	End Build @ 7712.22' MD
7,712.22	7,431.00	324.53	-6.17	Hold Angle @ 90.26°
12,202.51	7,411.00	4,813.97	-91.59	TD @ 12202.51' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
TD	No Target (Freehand)	358.91	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	12,202.51	Plan #2	MWD+SC

Formation Details

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
511.00	511.00	Castile		-0.26	358.91
2,101.00	2,101.00	Lamar LS		-0.26	358.91
2,141.00	2,141.00	Bell Canyon		-0.26	358.91
2,950.00	2,950.00	Cherry Canyon		-0.26	358.91
4,070.00	4,070.00	Brushy Canyon		-0.26	358.91
5,603.01	5,601.00	T/Bone Spring		-0.26	358.91
5,894.24	5,891.00	Avalon		-0.26	358.91
6,592.17	6,586.00	1st Bone Spring Sand		-0.26	358.91
6,928.26	6,921.00	Base 1st Bone Spring Sand		-0.26	358.91
7,300.95	7,266.00	2nd Bone Spring Sand		-0.26	358.91
7,712.22	7,432.47	Tgt. Line		-0.26	358.91

Targets associated with this wellbore

Target Name	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Shape
White City 21 25 27 Com 6H BHL	7,411.80	4,634.00	-88.00	Point
White City 21 25 27 Com 6H BHL 2	7,411.00	4,813.97	-91.59	Rectangle

North Reference Sheet for White City - White City 21 25 27 Com 6H - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to GL 3127.0' + KB 22.0' @ 3149.00usft (Nabors M51). Northing and Easting are relative to White City 21 25 27 Com 6H Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 3001 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:0° 0' 0.000 N°

False Easting: 500,000.00usft, False Northing: 0.00usft, Scale Reduction: 0.99991114

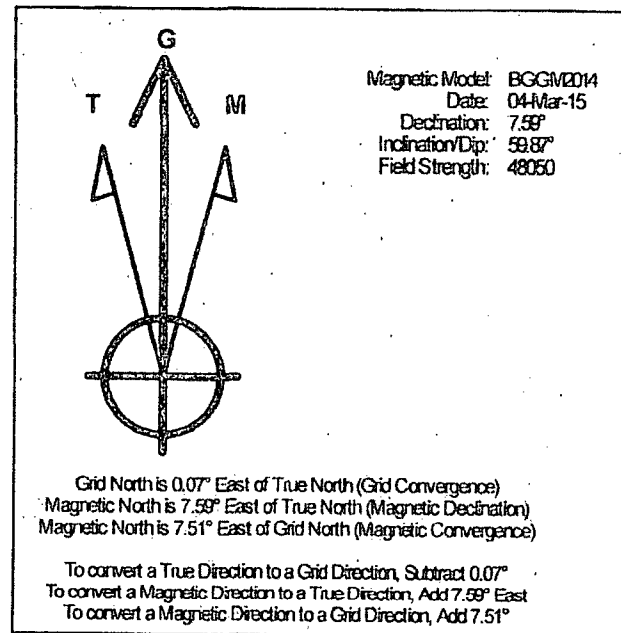
Grid Coordinates of Well: 403,417.00 usft N, 542,268.00 usft E

Geographical Coordinates of Well: 32° 06' 32.53" N, 104° 11' 48.56" W

Grid Convergence at Surface is: 0.07°

Based upon Minimum Curvature type calculations, at a Measured Depth of 12,202.51usft the Bottom Hole Displacement is 4,814.84usft in the Direction of 358.91° (Grid).

Magnetic Convergence at surface is: -7.51° (4 March 2015, , BGGM2014)



Chevron USA, Inc.



Project: Eddy County, NM
 Site: White City
 Well: White City 21 25 27 Com 6H
 Wellbore: Wellbore #1
 Plan: Plan #2
 Rig: Nabors M51

SURFACE LOCATION

US State Plane 1927 (Exact solution)
 New Mexico East 3001
 Elevation: GL 3127.0' + KB 22.0' @ 3149.00usft (Nabors M51)
 Northing: 403417.00 Easting: 542268.00 Latitude: 32° 6' 32.530" N Longitude: 104° 11' 48.555" W

TARGET INFORMATION:

7432.47' TVD @ 0.0° VS w/0.26° Up Dip.
 25° Up & 25° Down
 50° Left & 50° Right

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

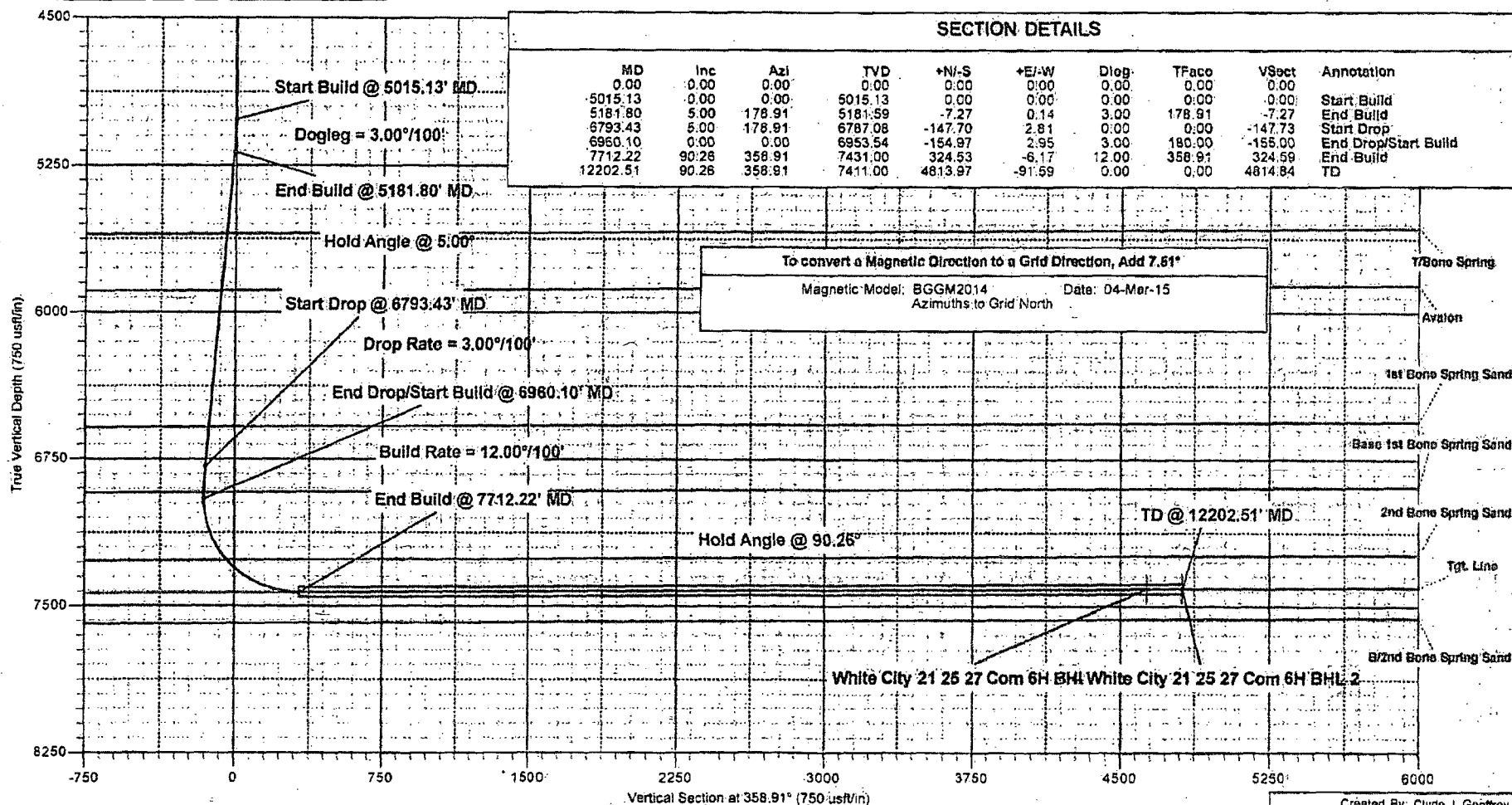
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
White City 21 25 27 Com 6H BHL 2	7411.00	4813.97	-91.59	408230.97	542176.41	32° 7' 20.172" N	104° 11' 49.549" W
White City 21 25 27 Com 6H BHL	7411.80	4834.00	-88.00	408051.00	542180.00	32° 7' 18.391" N	104° 11' 49.510" W

SECTION DETAILS

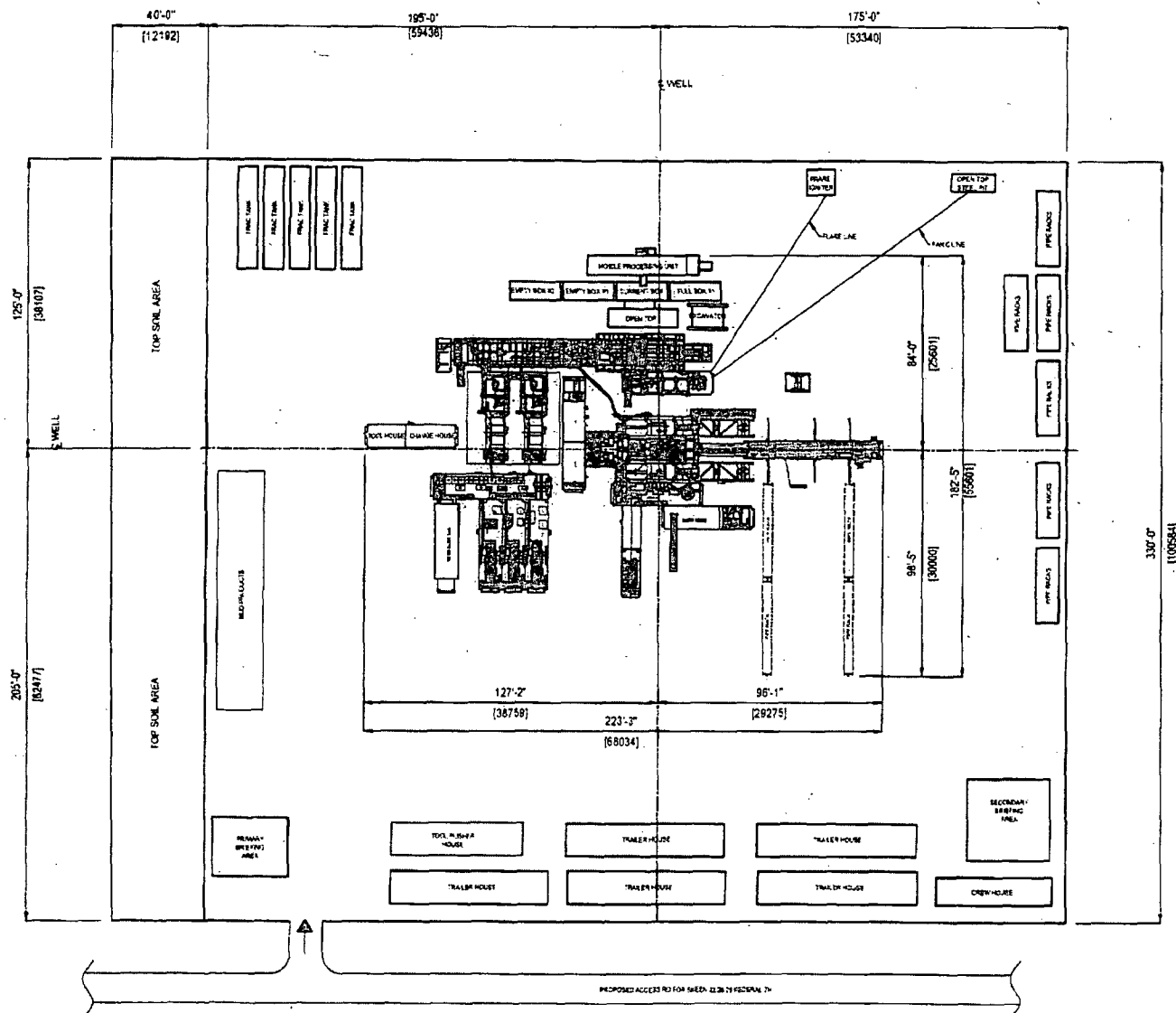
MD	Inc	Azi	TVD	+N-S	+E-W	Dlog	TFac	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5015.13	0.00	0.00	5015.13	0.00	0.00	0.00	0.00	0.00	Start Build
5181.80	5.00	178.91	5181.59	-7.27	0.14	3.00	178.91	-7.27	End Build
6793.43	5.00	178.91	6787.08	-147.70	2.81	0.00	0.00	-147.73	Start Drop
6960.10	0.00	0.00	6953.54	-154.97	2.95	3.00	180.00	-155.00	End Drop/Start Build
7712.22	90.26	358.91	7431.00	324.53	-6.17	12.00	358.91	324.59	End Build
12202.51	90.26	358.91	7411.00	4813.97	-91.59	0.00	0.00	4814.84	TD

To convert a Magnetic Direction to a Grid Direction, Add 7.61°

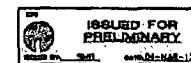
Magnetic Model: BGGM2014 Date: 04-Mar-15
 Azimuths to Grid North



Created By: Clyde J. Geoffroy



WHITE CITY 12 25 27 FED COM No. 6H WELL
SECTIONS 21 & 28, T25S-R27E
EDDY COUNTY, NEW MEXICO

[illegible]