

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

RECEIVED

JAN 22 2010

HOBBSOCD

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address ConocoPhillips Company 3300 N. "A" St., Bldg. 6 Midland, TX 79705		² OGRID Number 217817
³ Property Code 31172	⁵ Property Name East Vacuum GB-SA Unit, Tract 3315	⁴ API Number 30-025-39650 ⁶ Well No. Per JE 502Z 502Z
⁹ Proposed Pool 1 Vacuum; Grayburg-San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no O	Section 33	Township 17S	Range 35E	Lot Idn	Feet from the 1225'	North/South line SOUTH	Feet from the 1870'	East/Westline EAST	County LEA
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no J	Section 33	Township 17S	Range 35E	Lot Idn	Feet from the 1425'	North/South line SOUTH	Feet from the 1870'	East/Westline EAST	County LEA
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3938' GR
¹⁶ Multiple	¹⁷ Proposed Depth 4900'	¹⁸ Formation Grayburg-San Andres	¹⁹ Contractor Precision #194	²⁰ Spud Date 05/13/2010
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ mlst thick Clay ☐ Pit Volume: _____ bbls Drilling Method _____ Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24#	1560'	650 sx C	Surface
7.875"	5.5"	17#	4900'	700 sx C	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any Use additional sheets if necessary.

See attached drilling program for Drilling Mud / BOP Prevention and the Directional Drilling Procedure.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: Jalyn N. Fiske		Approved by:	
Title: Regulatory Specialist		Title: PETROLEUM ENGINEER	
E-mail Address Jalyn.Fiske@conocophillips.com		Approval Date: JAN 27 2010 Expiration Date: _____	
Date: 01/20/2010	Phone: (432)688-6813	Conditions of Approval Attached ☐	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED
JAN 22 2010
HOBBSOCD

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-39656	Pool Code 62180	Pool Name VACUUM; GRAYBURG-SAN ANDRES
Property Code 31172	Property Name EAST VACUUM GBSA UNIT	Well Number 3315-502Z
OGRID No. 2701727817	Operator Name CONOCOPHILLIPS	Elevation 3938'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	17-S	35-E		1225	SOUTH	1870	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
J	33	17-S	35-E		1425	SOUTH	1870	EAST	LEA
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

<table><tr><th colspan="2">COORDINATE TABLE</th></tr><tr><th>DESCRIPTION</th><th>PLANE COORDINATE</th></tr><tr><td>EAST VACUUM GBSA UNIT #3315-502Z</td><td>X = 768,516.7</td></tr><tr><td>SURFACE LOCATION</td><td>Y = 651,240.5</td></tr><tr><td>EAST VACUUM GBSA UNIT #3315-502Z</td><td>X = 768,514.7</td></tr><tr><td>BOTTOM HOLE LOCATION</td><td>Y = 651,440.4</td></tr></table>	COORDINATE TABLE		DESCRIPTION	PLANE COORDINATE	EAST VACUUM GBSA UNIT #3315-502Z	X = 768,516.7	SURFACE LOCATION	Y = 651,240.5	EAST VACUUM GBSA UNIT #3315-502Z	X = 768,514.7	BOTTOM HOLE LOCATION	Y = 651,440.4	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief <i>Jalyn N. Fiske</i> Signature JALYN N. FISKE Printed Name REGULATORY SPECIALIST Title 1-20-2010 Date 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 upervison and that the same is true and orrect to the best of my belief. November 4, 2009 Date Surveyed Signature & Seal of Professional Surveyor <i>W.O. Nunn</i> W.O. Nunn Certificate No. 2009-0744
COORDINATE TABLE													
DESCRIPTION	PLANE COORDINATE												
EAST VACUUM GBSA UNIT #3315-502Z	X = 768,516.7												
SURFACE LOCATION	Y = 651,240.5												
EAST VACUUM GBSA UNIT #3315-502Z	X = 768,514.7												
BOTTOM HOLE LOCATION	Y = 651,440.4												

NOTE:

1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.

East Vac Unit 3315-502

15. Proposed Depth = 4,910' MD/ 4,900' TVD RKB

19. Proposed Casing and Cement Program						
Type	Hole Size (inches)	Casing OD (inches)	Casing Wt (lb/ft)	Setting Depth (feet)	Sacks of Cement	Estimated TOC (feet)
Surface	12.25	8.625	24	1560	650	0
Prod	7.875	5.5	17	4900	700	0

Casing and Cement Program: Additional Comments
Fresh Water and Fresh Water Mud will be used for drilling the surface hole.
Brine and Brine Based Mud will be used for drilling the production hole.

Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1000	
Blind Ram	2000	2000	
Pipe Ram	2000	2000	

East Vacuum GBSA Unit 3315 - 502

Formation Tops and Planned Total Depth

Formation Call Points	Top (ft TVD)	Top (ft MD)
Rustler	1530	1530
Salado	1660	1660
Tansill	2700	2700
Yates	2870	2870
Seven Rivers	3170	3171
Queen	3740	3744
Grayburg	4100	4106
San Andres	4410	4418
Total Depth (minimum)	4855	4865
Total Depth (maximum)	4900	4910

Casing Depths

String	Minimum Depth	Maximum Depth
Surface Casing	1555	1600
Production Casing	4855	4900

Note: The Surface Casing and the Production Casing programs reflect an uncertainty of 45' in the setting depth for the shoe because that is the approximate length of a full joint of Range 3 casing. This range for the setting depth will allow us to drill the hole to fit the casing string based on how the tally comes out and will provide for the cementing head to be positioned at the rig floor for safety and efficiency in cementing operations. The casing will be set approximately 10 ft off bottom.

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2850.0	0.00	0.00	2850.0	0.0	0.0	0.00	0.00	0.0	
3150.5	6.01	0.58	3150.0	15.7	0.2	2.00	0.58	15.7	
4910.2	6.01	0.58	4900.0	200.0	2.0	0.00	0.00	200.0	PBHL 502Z


 Azimuths to Grid North
 True North: -0.47°
 Magnetic North: 7.28°

 Magnetic Field
 Strength: 49109.0snT
 Dip Angle: 60.76°
 Date: 2010/01/11
 Model: IGRF2010

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

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL 502Z	4900.0	200.0	2.0	652054.59	768134.82	32° 47' 22.376 N	103° 27' 38.960 W	Circle (Radius: 50.0)

PROJECT DETAILS: Lea County, NM (NAD27 NME)

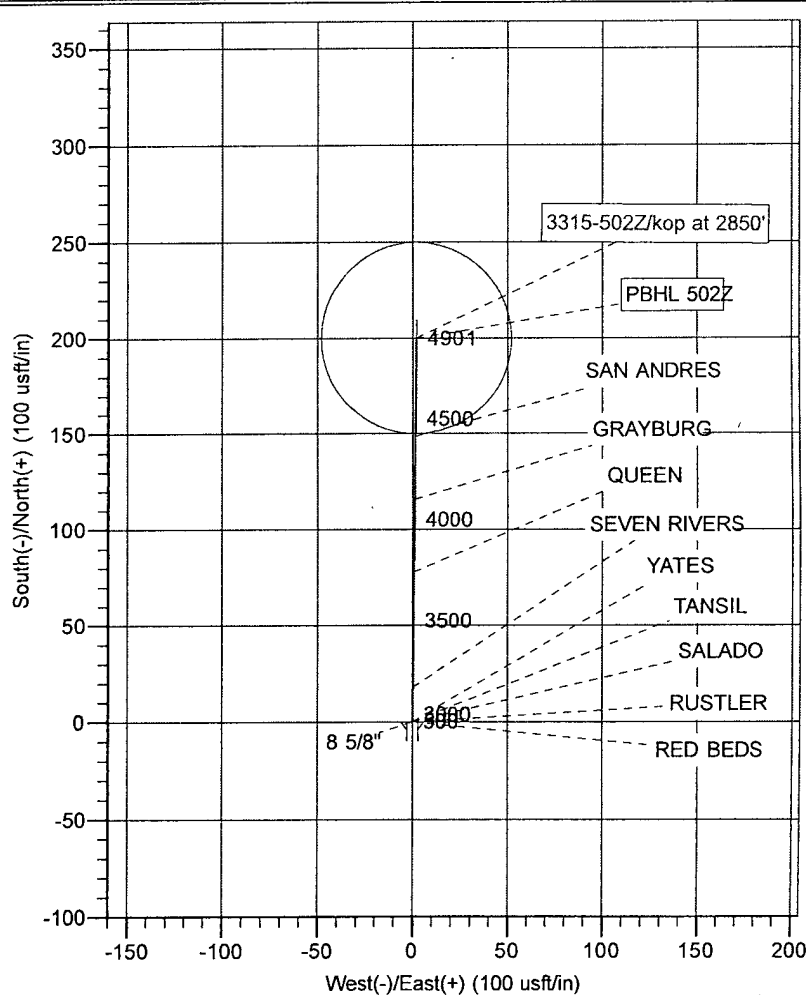
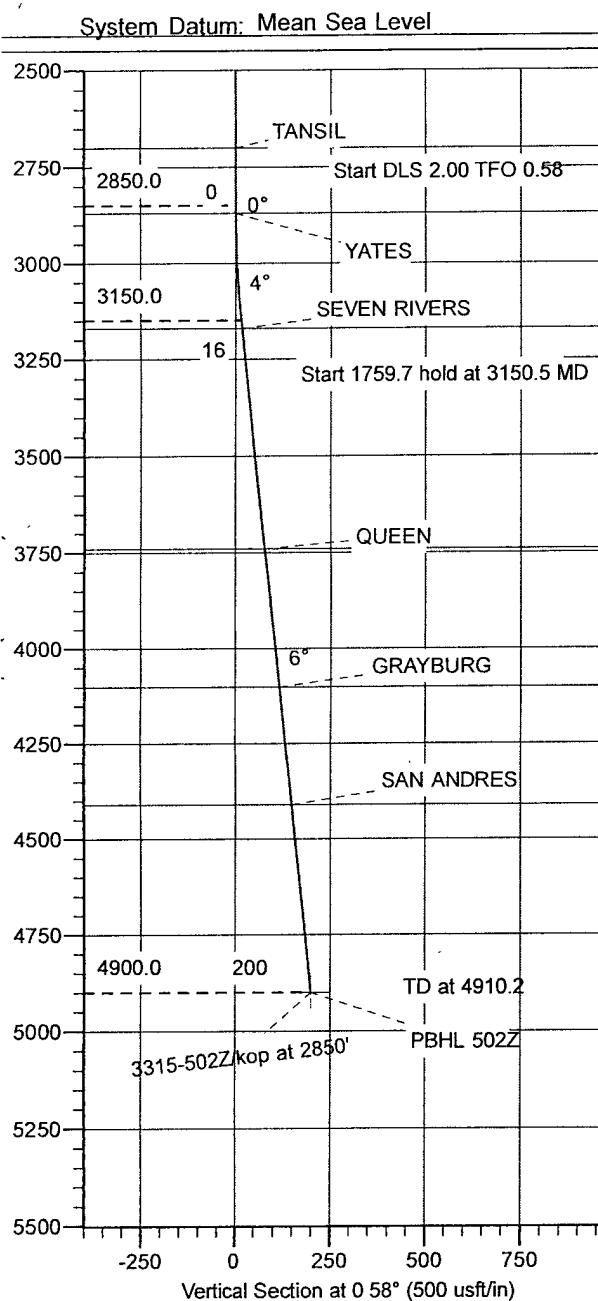
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001

WELL DETAILS: 3315-502Z

Ground Level:	3942.0
Northing	651240.50
Easting	768516.70
Latitude	32° 47' 14.290 N
Longitude	103° 27' 34.566 W

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
240.0	240.0	RED BEDS
1530.0	1530.0	RUSTLER
1660.0	1660.0	SALADO
2700.0	2700.0	TANSIL
2870.0	2870.0	YATES
3170.0	3170.7	SEVEN RIVERS
3740.0	3743.8	QUEEN
4100.0	4105.8	GRAYBURG
4410.0	4417.5	SAN ANDRES



CONOCOPHILLIPS

Lea County, NM (NAD27 NME)

EAST VACUUM UNIT

3315-502Z

Wellbore #1

RECEIVED

JAN 22 2010

HOBBSOCD

Plan: kop at 2850'

Standard Planning Report

12 January, 2010

Scientific Drilling International

Planning Report

Database:	EDM 5000 1 Single User Db	Local Co-ordinate Reference:	Site EAST VACUUM UNIT
Company:	CONOCOPHILLIPS	TVD Reference:	WELL @ 3960.0usft (Original Well Elev)
Project:	Lea County, NM (NAD27 NME)	MD Reference:	WELL @ 3960.0usft (Original Well Elev)
Site:	EAST VACUUM UNIT	North Reference:	Grid
Well:	3315-502Z	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	kop at 2850'		

Project	Lea County, NM (NAD27 NME)		
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	EAST VACUUM UNIT			
Site Position:		Northing:	651,854.60 usft	Latitude: 32° 47' 20.398 N
From:	Map	Easting:	768,132.80 usft	Longitude: 103° 27' 39.003 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.47 °

Well	3315-502Z			
Well Position	+N/-S	-614.1 usft	Northing:	651,240.50 usft
	+E/-W	383.9 usft	Easting:	768,516.70 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,942.0 usft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/01/11	7.75	60.76	49,109

Design	kop at 2850'				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	0.58	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,850.0	0.00	0.00	2,850.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,150.5	6.01	0.58	3,150.0	15.7	0.2	2.00	2.00	0.19	0.58	
4,910.2	6.01	0.58	4,900.0	200.0	2.0	0.00	0.00	0.00	0.00	PBHL 502Z

Scientific Drilling International

Planning Report

Database: EDM 5000.1 Single User Db
 Company: CONOCOPHILLIPS
 Project: Lea County, NM (NAD27 NME)
 Site: EAST VACUUM UNIT
 Well: 3315-502Z
 Wellbore: Wellbore #1
 Design: kop at 2850'

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site EAST VACUUM UNIT
 WELL @ 3960.0usft (Original Well Elev)
 WELL @ 3960.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
RED BEDS									
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
1,300.0	0.00	0.00	1,300.0	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
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,530.0	0.00	0.00	1,530.0	0.0	0.0	0.0	0.00	0.00	0.00
RUSTLER									
1,550.0	0.00	0.00	1,550.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,660.0	0.00	0.00	1,660.0	0.0	0.0	0.0	0.00	0.00	0.00
SALADO									
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
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
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
TANSIL									
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,850.0	0.00	0.00	2,850.0	0.0	0.0	0.0	0.00	0.00	0.00
Start DLS 2.00 TFO 0.58									
2,870.0	0.40	0.58	2,870.0	0.1	0.0	0.1	2.00	2.00	0.00
YATES									
2,900.0	1.00	0.58	2,900.0	0.4	0.0	0.4	2.00	2.00	0.00
3,000.0	3.00	0.58	2,999.9	3.9	0.0	3.9	2.00	2.00	0.00
3,100.0	5.00	0.58	3,099.7	10.9	0.1	10.9	2.00	2.00	0.00
3,150.5	6.01	0.58	3,150.0	15.7	0.2	15.7	2.00	2.00	0.00
Start 1759.7 hold at 3150.5 MD									
3,170.7	6.01	0.58	3,170.0	17.9	0.2	17.9	0.00	0.00	0.00
SEVEN RIVERS									
3,200.0	6.01	0.58	3,199.2	20.9	0.2	20.9	0.00	0.00	0.00
3,300.0	6.01	0.58	3,298.6	31.4	0.3	31.4	0.00	0.00	0.00
3,400.0	6.01	0.58	3,398.1	41.9	0.4	41.9	0.00	0.00	0.00
3,500.0	6.01	0.58	3,497.5	52.3	0.5	52.3	0.00	0.00	0.00

Scientific Drilling International

Planning Report

Database: EDM 5000.1 Single User Db
 Company: CONOCOPHILLIPS
 Project: Lea County, NM (NAD27 NME)
 Site: EAST VACUUM UNIT
 Well: 3315-502Z
 Wellbore: Wellbore #1
 Design: kop at 2850'

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site: EAST VACUUM UNIT
 WELL @ 3960.0usft (Original Well Elev)
 WELL @ 3960.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,600.0	6.01	0.58	3,597.0	62.8	0.6	62.8	0.00	0.00	0.00
3,700.0	6.01	0.58	3,696.4	73.3	0.7	73.3	0.00	0.00	0.00
3,743.8	6.01	0.58	3,740.0	77.9	0.8	77.9	0.00	0.00	0.00
QUEEN									
3,800.0	6.01	0.58	3,795.9	83.7	0.8	83.8	0.00	0.00	0.00
3,900.0	6.01	0.58	3,895.3	94.2	1.0	94.2	0.00	0.00	0.00
4,000.0	6.01	0.58	3,994.8	104.7	1.1	104.7	0.00	0.00	0.00
4,100.0	6.01	0.58	4,094.2	115.2	1.2	115.2	0.00	0.00	0.00
4,105.8	6.01	0.58	4,100.0	115.8	1.2	115.8	0.00	0.00	0.00
GRAYBURG									
4,200.0	6.01	0.58	4,193.7	125.6	1.3	125.6	0.00	0.00	0.00
4,300.0	6.01	0.58	4,293.1	136.1	1.4	136.1	0.00	0.00	0.00
4,400.0	6.01	0.58	4,392.6	146.6	1.5	146.6	0.00	0.00	0.00
4,417.5	6.01	0.58	4,410.0	148.4	1.5	148.4	0.00	0.00	0.00
SAN ANDRES									
4,500.0	6.01	0.58	4,492.0	157.0	1.6	157.0	0.00	0.00	0.00
4,600.0	6.01	0.58	4,591.5	167.5	1.7	167.5	0.00	0.00	0.00
4,700.0	6.01	0.58	4,690.9	178.0	1.8	178.0	0.00	0.00	0.00
4,800.0	6.01	0.58	4,790.4	188.4	1.9	188.5	0.00	0.00	0.00
4,900.0	6.01	0.58	4,889.8	198.9	2.0	198.9	0.00	0.00	0.00
4,910.2	6.01	0.58	4,900.0	200.0	2.0	200.0	0.00	0.00	0.00
TD at 4910.2 - PBHL 502Z									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL 502Z	0.00	0.00	4,900.0	200.0	2.0	652,054.59	768,134.82	32° 47' 22.376 N	103° 27' 38.960 W
- plan hits target center									
- Circle (radius 50.0)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,550.0	1,550.0	8 5/8"	8-5/8	12-1/4

Scientific Drilling International

Planning Report

Database: EDM 5000.1 Single User Db
Company: CONOCOPHILLIPS
Project: Lea County, NM (NAD27 NME)
Site: EAST VACUUM UNIT
Well: 3315-502Z
Wellbore: Wellbore #1
Design: kop at 2850'

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Site EAST VACUUM UNIT
 WELL @ 3960.0usft (Original Well Elev)
 WELL @ 3960.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
240 0	240 0	RED BEDS		0 00	
1,530 0	1,530 0	RUSTLER		0 00	
1,660.0	1,660 0	SALADO		0 00	
2,700 0	2,700 0	TANSIL		0.00	
2,870 0	2,870 0	YATES		0.00	
3,170.7	3,170.0	SEVEN RIVERS		0 00	
3,743 8	3,740.0	QUEEN		0.00	
4,105.8	4,100.0	GRAYBURG		0.00	
4,417 5	4,410 0	SAN ANDRES		0.00	

Plan Annotations

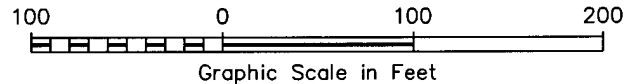
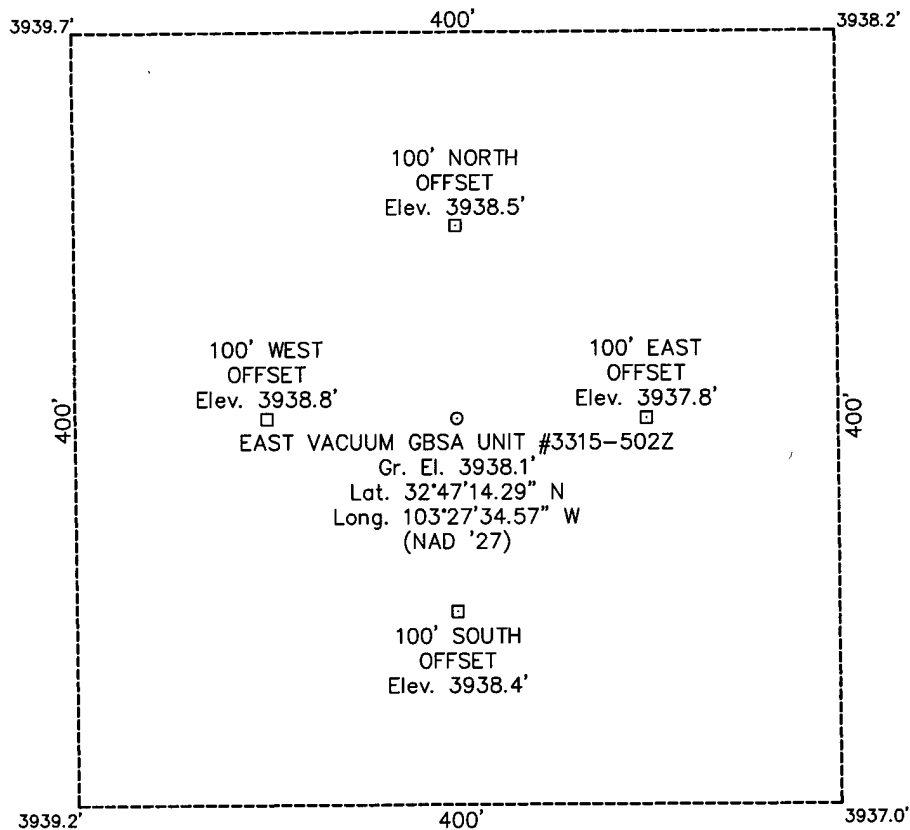
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,850 0	2,850 0	0 0	0 0	Start DLS 2.00 TFO 0.58
3,150 5	3,150 0	15.7	0 2	Start 1759.7 hold at 3150.5 MD
4,910.2	4,900.0	200.0	2.0	TD at 4910.2

SECTION 33, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

L-2009-0744-A



DRIVING DIRECTIONS

FROM THE INTERSECTION OF STATE HIGHWAY 8 AND COUNTY ROAD 50 IN BUCKEYE, NEW MEXICO GO EAST ON SAID COUNTY ROAD 50 1.2 MILES TO A LEASE ROAD ON SOUTH (RIGHT) SIDE OF ROAD, THEN GO SOUTH 0.4 MILE THEN TURN SOUTHEAST (LEFT) FOR 1.0 MILE TO ANOTHER LEASE ROAD ON EAST (LEFT) SIDE OF ROAD, THEN GO EAST 0.5 MILE, THEN GO NORTH (LEFT) 0.2 MILE, THEN EAST (RIGHT) AGAIN 0.3 MILE TO A POINT BEING APPROXIMATELY 200 FEET SOUTH OF THE PROPOSED LOCATION.

CONOCOPHILLIPS

EAST VACUUM GBSA UNIT #3315-502Z

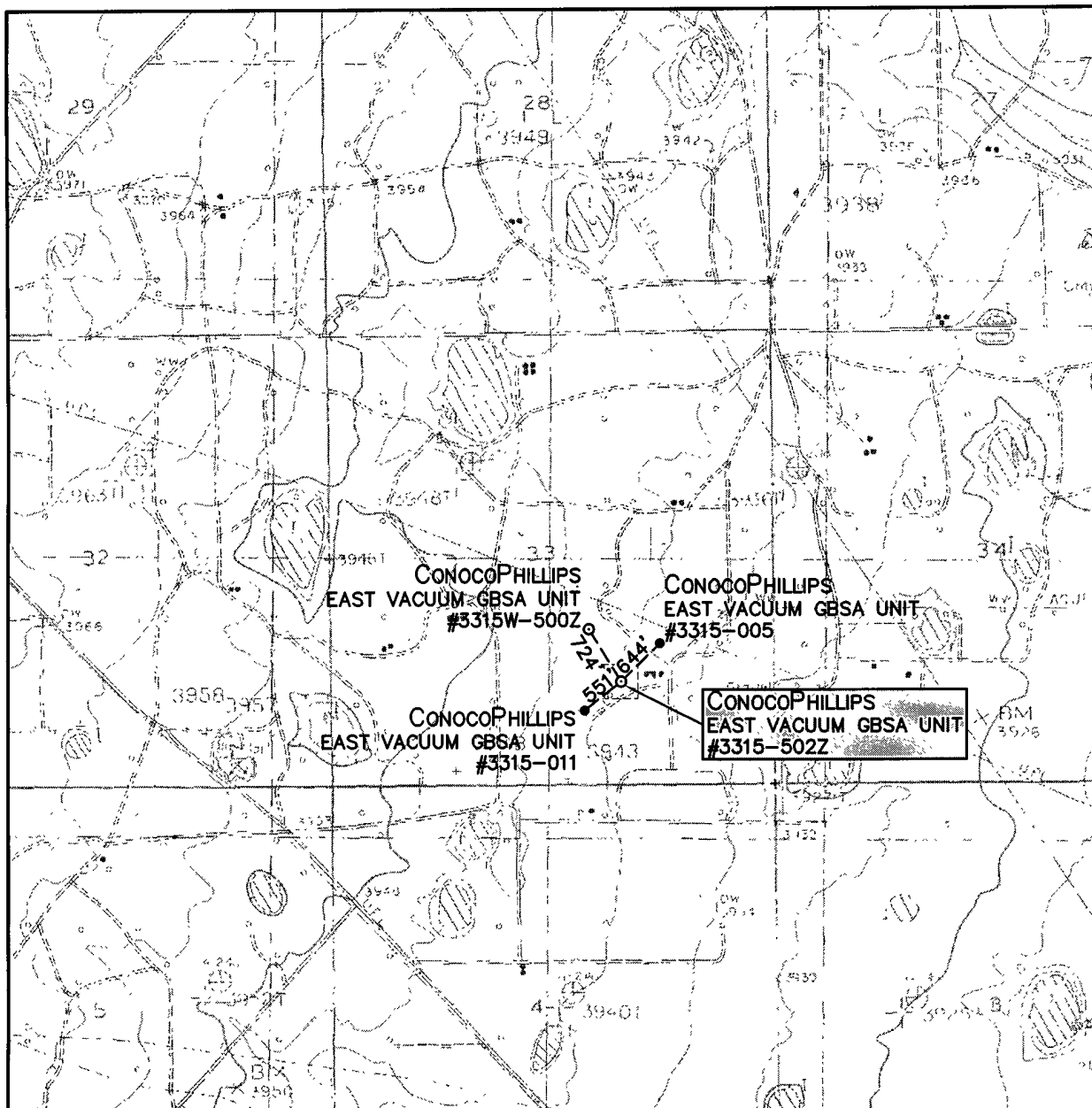
Located 1225' FSL & 1870' FEL, Section 33
Township 17 South, Range 35 East, N.M.P.M.
Lea County, New Mexico



110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

Drawn By: LVA	Date: November 11, 2009
Scale: 1" = 100'	Field Book: 376 / 48-55
Revision Date:	Quadrangle: Lovington SW
W.O. No: 2009-0744	Dwg. No.: L-2009-0744-A

LOCATION VERIFICATION MAP



A detailed black and white map of southeastern New Mexico. In the lower-left quadrant, a specific site is identified with a circled dot and the text "CONOCO PHILLIPS EAST VACUUM GBSA UNIT #3315-502Z". The map shows a network of roads, including major highways like I-25 and US-65, and numerous smaller local roads. Towns and communities are labeled throughout, including Hobbs, Lordsburg, and Lovington. Geographical features such as fields, rivers, and mountains are also depicted. A scale bar at the bottom right corner indicates distances from 0 to 10 miles.

NORTH

110 W. LOUISIANA, STE. 110
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