

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FOOD-HOBBSFORM APPROVED
OMB 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 ☐ Other2. Name of Operator
ConocoPhillips Company3a. Address
3300 N "A" St. Bldg 6, Midland, TX 797053b. Phone No. (include area code)
(432)688-6913

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

Sec. 27, T17S, R32E, UL G
1980' FNL 1410' FEL

5. Lease Serial No.

LC-057210

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

MCA #471

9. API Well No.

30-025-39348

10. Field and Pool, or Exploratory Area

Maljamar, Grayburg-San Andres

11. County or Parish, State

Lea County, New Mexico

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 Deviation
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Survey
	☐ 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.)

Please see attached SDI Standard Survey Report

RECEIVED

JAN 25 2011

HOBBSOCD14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Brian D Maiorino

Title Regulatory Specialist

Signature

Date 12/10/2010

PETROLEUM ENGINEER
JAN 26 2011**THIS SPACE FOR FEDERAL OR STATE ACCEPTANCE FOR RECORD**

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

JAN 14 2011

/s/ Dustin Winkler

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to provide false information to the Bureau of Land Management 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)

CONOCOPHILLIPS

Maljamar
Lea County, NM
MCA #471
VH - Job #32K1010782

RECEIVED
JAN 25 2011
HOBBS CO

Survey: Actual

SDI Standard Survey Report

21 October, 2010

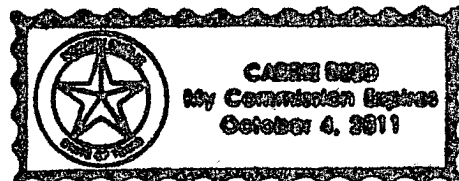
This survey is correct to the best of my knowledge and is supported by actual field data.

Robert

Notorized this date 11th of November, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	CONOCOPHILLIPS	Local Co-ordinate Reference:	Well MCA #471
Project:	Maljamar	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	MCA #471	North Reference:	Grid
Wellbore:	VH - Job #32K1010782	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K1010782	Database:	EDM-Regulatory

Project	Maljamar		
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	Lea County, NM			
Site Position:		Northing:	652,746.75 usft	Latitude: 32° 47' 35.550 N
From:	Lat/Long	Easting:	674,166.55 usft	Longitude: 103° 45' 59.640 W
Position Uncertainty:	0.0 usft	Slot Radius:	0"	Grid Convergence: 0.31 °

Well	MCA #471, Vertical			
Well Position	+N/-S	0.0 usft	Northing: 657,891.43 usft	Latitude: 32° 48' 26.180 N
	+E/-W	0.0 usft	Easting: 679,304.42 usft	Longitude: 103° 44' 59.120 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level: 0.0 usft

Wellbore	VH - Job #32K1010782				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/13/2010	7.86	60.72	49,082

Design:	VH - Job #32K1010782			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	1.74

Survey Program	Date 10/21/2010				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	4,186.0	Actual (VH - Job #32K1010782)	Keeper	Keeper Gyro	

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
0.0	0.00	0.31	0.0	0.0	0.0	0.00	0.0	
100.0	0.40	237.76	100.0	-0.2	-0.3	237.76	0.3	
200.0	0.49	275.90	200.0	-0.3	-1.0	252.08	1.1	
300.0	0.41	284.99	300.0	-0.2	-1.8	263.87	1.8	
400.0	0.54	292.37	400.0	0.1	-2.6	271.78	2.6	
500.0	0.35	295.77	500.0	0.4	-3.3	276.82	3.3	
600.0	0.17	341.10	600.0	0.7	-3.6	280.46	3.7	
700.0	0.16	349.69	700.0	0.9	-3.7	284.39	3.8	
800.0	0.26	334.60	800.0	1.3	-3.8	288.70	4.0	
900.0	0.38	333.70	900.0	1.8	-4.0	293.86	4.4	
1,000.0	0.61	349.50	1,000.0	2.6	-4.3	301.32	5.0	
1,100.0	0.70	350.96	1,100.0	3.7	-4.5	309.83	5.8	

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company: CONOCOPHILLIPS
Project: Maljamar
Site: Lea County, NM
Well: MCA #471
Wellbore: VH - Job #32K1010782
Design: VH - Job #32K1010782

Local Co-ordinate Reference: Well MCA #471
TVD Reference: WELL @ 0.0usft (Original Well Elev)
MD Reference: WELL @ 0.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200.0	0.71	355.93	1,200.0	5.0	-4.6	317.02	6.8
1,300.0	0.75	4.74	1,300.0	6.2	-4.6	323.49	7.7
1,400.0	0.84	17.66	1,399.9	7.6	-4.3	330.24	8.7
1,500.0	0.87	24.06	1,499.9	9.0	-3.8	337.04	9.7
1,600.0	0.88	29.59	1,599.9	10.3	-3.1	343.24	10.8
1,700.0	0.96	29.38	1,699.9	11.7	-2.3	348.80	12.0
1,800.0	1.32	39.04	1,799.9	13.4	-1.2	354.93	13.4
1,900.0	1.92	51.77	1,899.9	15.3	0.9	3.21	15.3
2,000.0	2.33	56.34	1,999.8	17.4	3.9	12.49	17.9
2,100.0	2.50	51.22	2,099.7	19.9	7.3	20.00	21.2
2,200.0	2.52	49.49	2,199.6	22.7	10.6	25.06	25.1
2,300.0	2.34	43.87	2,299.5	25.6	13.7	28.15	29.1
2,400.0	2.00	42.58	2,399.4	28.4	16.3	29.88	32.7
2,500.0	1.93	35.29	2,499.4	31.0	18.5	30.74	36.1
2,600.0	1.93	30.79	2,599.3	33.9	20.3	30.93	39.5
2,700.0	1.70	21.51	2,699.3	36.7	21.7	30.60	42.6
2,800.0	1.77	7.31	2,799.2	39.6	22.4	29.54	45.5
2,900.0	1.75	353.04	2,899.2	42.7	22.5	27.76	48.2
3,000.0	1.97	344.04	2,999.1	45.8	21.8	25.44	50.7
3,100.0	2.21	339.24	3,099.1	49.3	20.6	22.73	53.4
3,200.0	2.51	334.74	3,199.0	53.1	19.0	19.72	56.4
3,300.0	2.44	335.46	3,298.9	57.0	17.2	16.80	59.5
3,400.0	2.62	330.02	3,398.8	60.9	15.2	14.00	62.8
3,500.0	2.57	330.32	3,498.7	64.8	12.9	11.28	66.1
3,600.0	2.51	331.61	3,598.6	68.7	10.8	8.92	69.5
3,700.0	2.12	331.07	3,698.5	72.2	8.8	6.98	72.8
3,800.0	1.82	329.00	3,798.4	75.2	7.1	5.41	75.6
3,900.0	1.55	330.59	3,898.4	77.8	5.6	4.15	78.0
4,000.0	1.27	326.26	3,998.4	79.9	4.4	3.13	80.0
4,100.0	0.79	324.07	4,098.4	81.3	3.3	2.36	81.4
4,186.0	0.67	353.97	4,184.3	82.3	2.9	2.05	82.4



Scientific Drilling
Directional Drilling Operations

Project: Maljamar
Lea County, NM
Well: MCA #471
Wellbore: VH - Job #32K1010782
Design: VH - Job #32K1010782

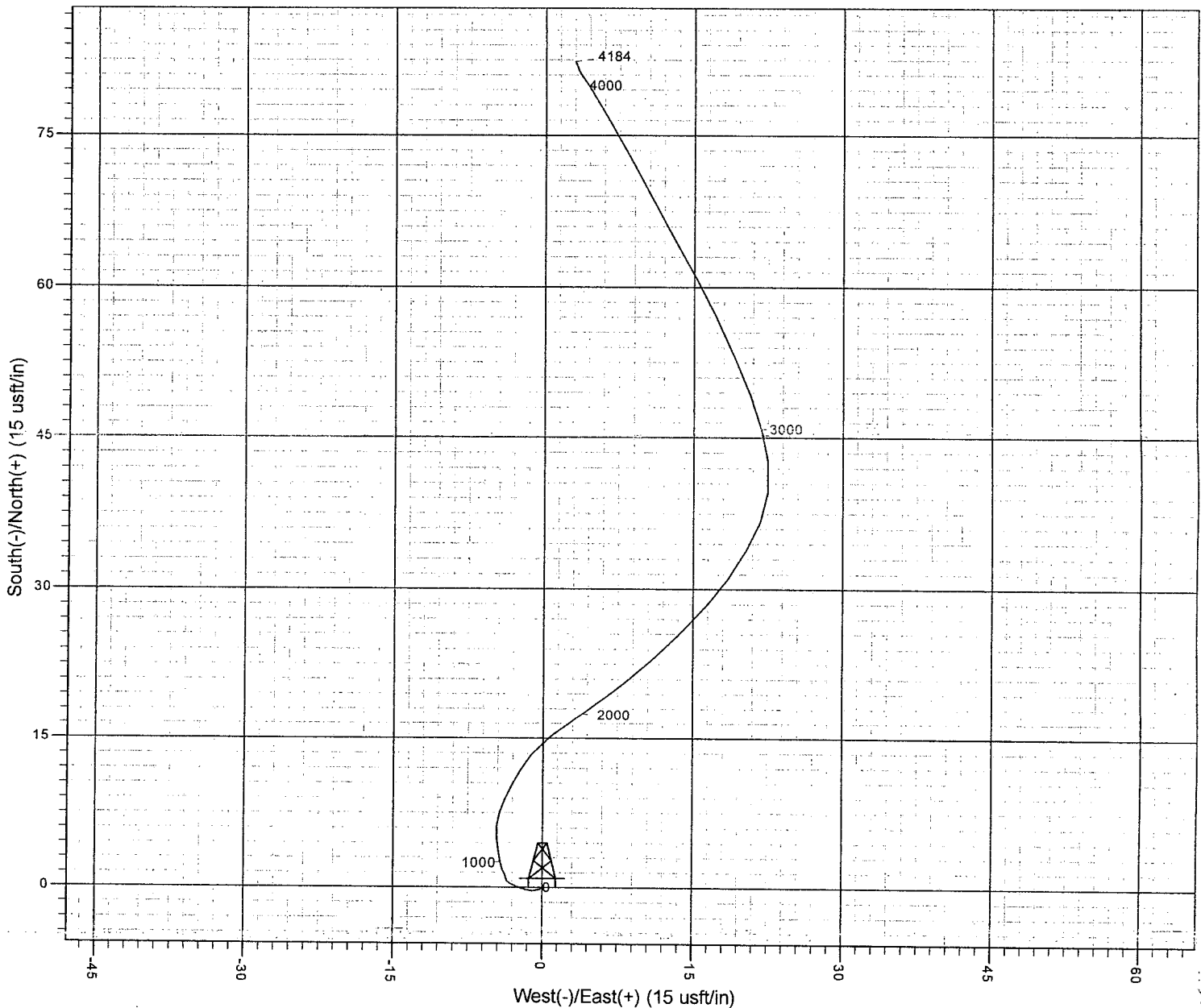


Azimuths to Grid North
True North: -0.32°
Magnetic North: 7.54°

Magnetic Field
Strength: 49081.6snT
Dip Angle: 60.72°
Date: 10/13/2010
Model: BGGM2010

WELL DETAILS: MCA #471
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	657891.43	679304.42	32° 48' 26.180 N	103° 44' 59.120 W	



PROJECT DETAILS: Maljamar
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

SITE DETAILS: Lea County, NM
Site Centre Latitude: 32° 47' 35.550 N
Longitude: 103° 45' 59.640 W
Positional Uncertainty: 0.0
Convergence: 0.31
Local North: Grid