

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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 July 16, 2010
Submit to Appropriate
District Office

UNAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40818	Pool Code 15011	Pool Name Culebra Bluff, Bone Spring, South
Property Code 39167	Property Name HERITAGE 2 15	Well Number 2H
OGRID No. 4323	Operator Name CHEVRON USA INC	Elevation 3034'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	23-S	28-E		330	SOUTH	330	WEST	EDDY

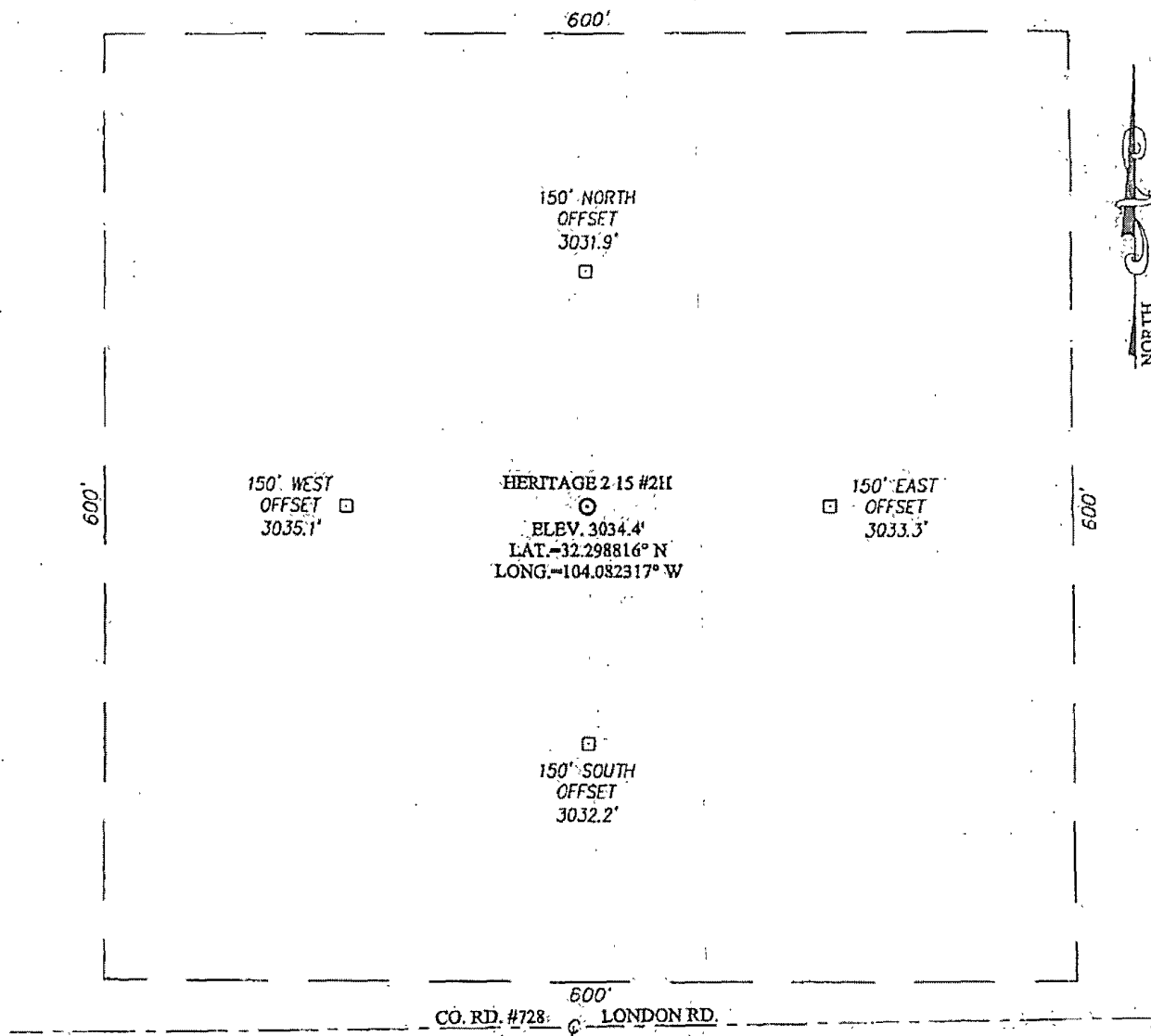
Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	23-S	28-E		510	NORTH	510	WEST	EDDY
Dedicated Acres		Joint or Infill	Consolidation Code	Order No.					
160									

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

GEODETIC COORDINATES NAD 27-NME SURFACE LOCATION Y=472517.1 N X=577560.4 E LAT. = 32.298816° N LONG. = 104.082317° W BOTTOM HOLE LOCATION Y=476993.4 N X=577717.8 E CORNER COORDINATES TABLE <table border="1"> <tr><td>A</td><td>Y=477496.9 N, X=577205.4 E</td></tr> <tr><td>B</td><td>Y=477513.6 N, X=578539.5 E</td></tr> <tr><td>C</td><td>Y=472203.1 N, X=578560.7 E</td></tr> <tr><td>D</td><td>Y=472181.9 N, X=577232.2 E</td></tr> </table>	A	Y=477496.9 N, X=577205.4 E	B	Y=477513.6 N, X=578539.5 E	C	Y=472203.1 N, X=578560.7 E	D	Y=472181.9 N, X=577232.2 E	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. Signature: <u>Denise Pinkerton</u> Date: <u>10-23-12</u> Printed Name: <u>Denise Pinkerton</u> E-mail Address: <u>Leakejd@chevron.com</u> 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. JUNE 6, 2011 Date of Survey Signature & Seal of Professional Surveyor: Certificate Number: <u>3239</u> Gary S. Eidson 12641 Professional Surveyor: <u>Ronald J. Eidson</u> BKL REL W.D. 11.11.12 JWSC W.O. 12.13.1692
A	Y=477496.9 N, X=577205.4 E								
B	Y=477513.6 N, X=578539.5 E								
C	Y=472203.1 N, X=578560.7 E								
D	Y=472181.9 N, X=577232.2 E								

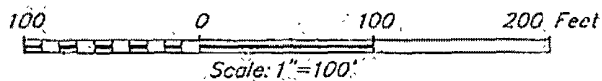
SECTION 15, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.

EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. RD. #31 (POTASH MINES) AND CO. RD. #740 (DONALDSON FARM), GO SOUTH ON CO. RD. #740 APPROX. 1.0 MILE, TURN RIGHT ON CO. RD. #728 (LONDON) AND GO WEST APPROX. 0.9 MILES. THIS LOCATION STAKE IS APPROX. 300 FEET NORTH OF ROAD.



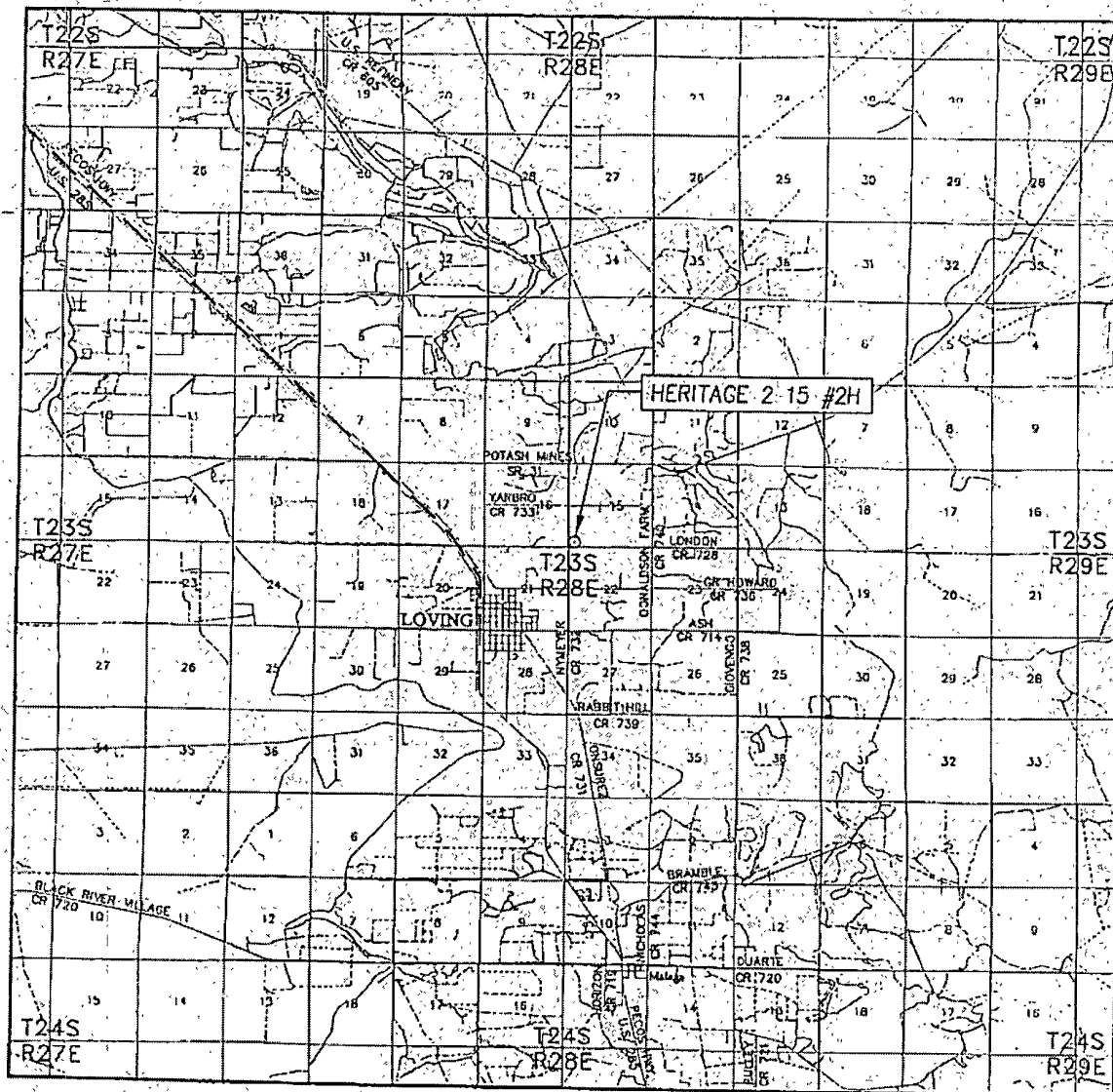
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

CHEVRON USA INC

HERITAGE 2 15 #2H WELL
LOCATED 330 FEET FROM THE SOUTH LINE
AND 330 FEET FROM THE WEST LINE OF SECTION 15,
TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

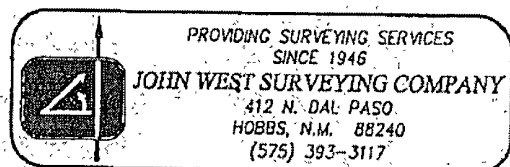
Survey Date: 6/6/11	Sheet 1 of 1 Sheets
W.O. Number: 11:11:120	Dr. By: DSS
Date: 6/11/11	Rel. W.O.: 1111120
	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

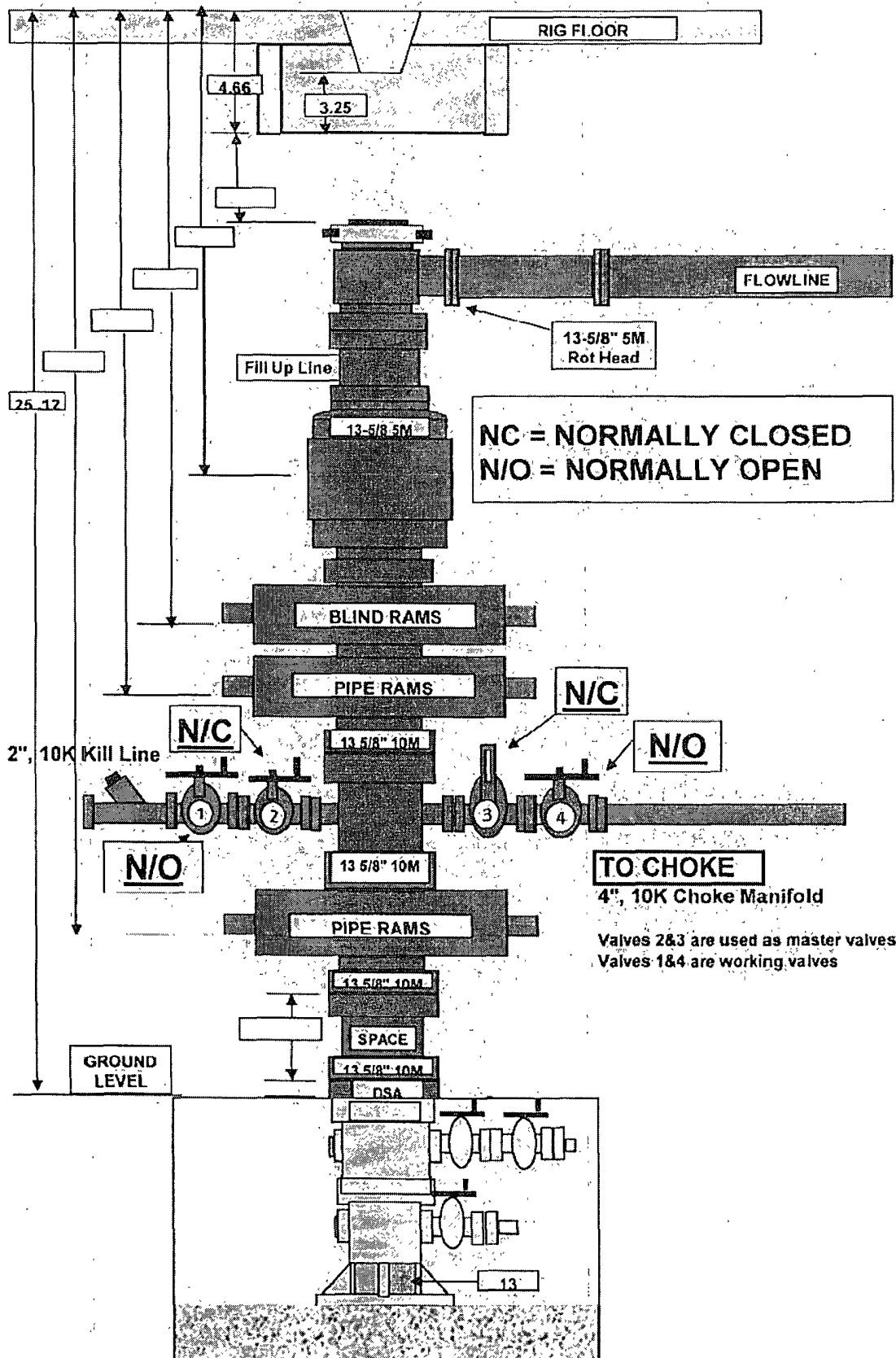
SEC. 15 TWP. 23-S RGE. 28-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 330' FSL & 330' FWL
 ELEVATION 3034'
 OPERATOR CHEVRON USA INC
 LEASE HERITAGE 2 15



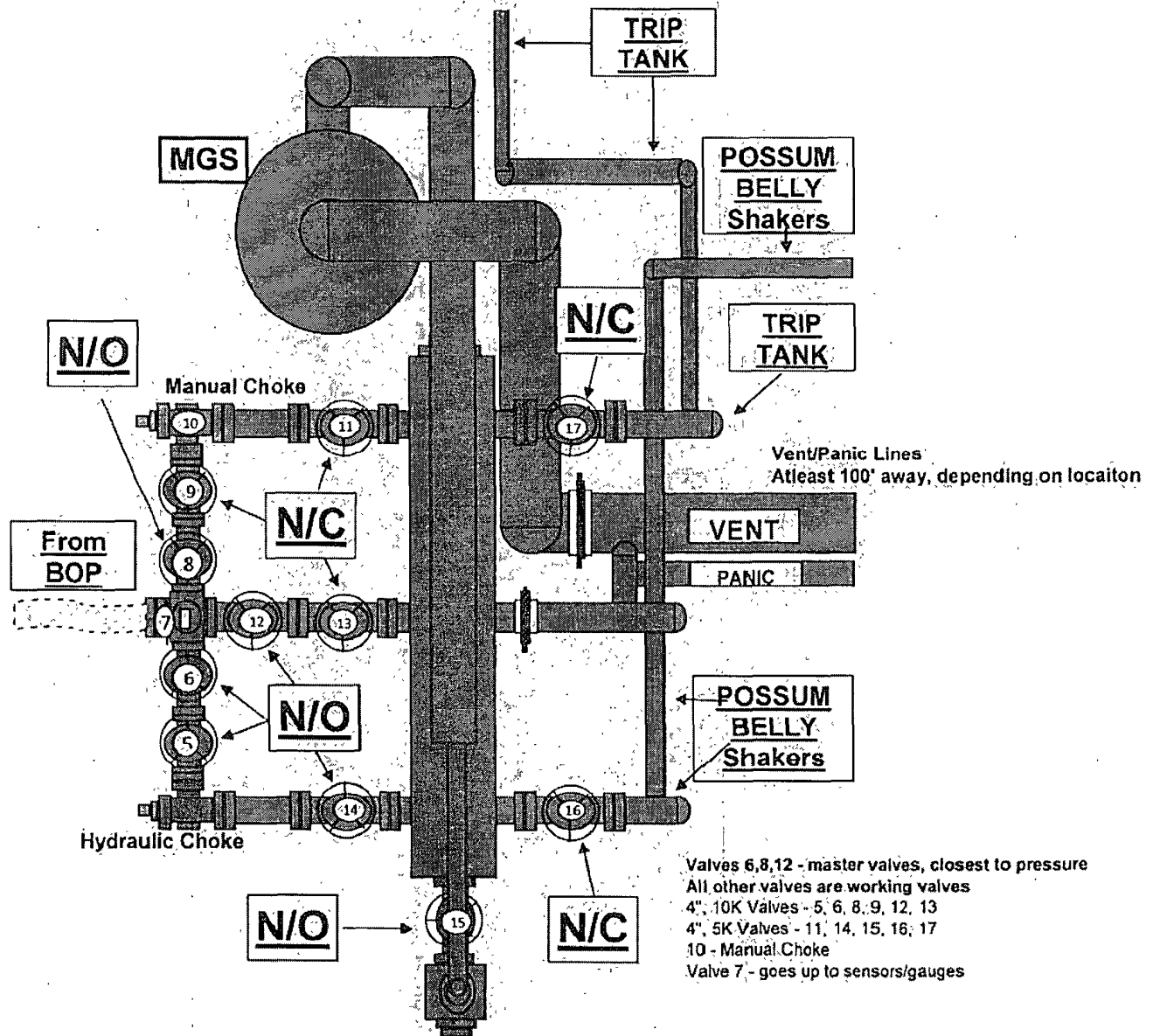
NORTH

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

H&P 227 BOP Stack



H&P #227 CHOKE MANIFOLD





Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12 Proposal Geodetic Report

PATHFINDER
A Schlumberger Company

(Def Plan)

Report Date: October 10, 2012 - 04:46 PM
Client: Chevron
Field: NM Lddy County (NAD 27)
Structure / Slot: Chevron Heritage 2 15 #2H / Chevron Heritage 2 15 #2H
Well: Chevron Heritage 2 15 #2H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12
Survey Date: October 08, 2012
Tort / AHD / DDH / ERD Ratio: 108.237' / 4503.849 ft / 5.860 / 0.551
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 17' 55.73225" W 104° 4' 58.34151"
Location Grid N/E Y/X: N 472517.100 NUS, E 577560.400 NUS
CRS Grid Convergence Angle: 0.1341"
Grid Scale Factor: 0.99991598

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 2.003" (Grid North)
Vertical Section Origin: 0.000 ft 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3059.000 ft above MSL
Seasbed / Ground Elevation: 3054.000 ft above MSL
Magnetic Declination: 7.767"
Total Gravity Field Strength: 999.2058 mgn (9.8 based)
Total Magnetic Field Strength: 48460.127 nT
Magnetic Dip Angle: 60.094°
Declination Date: October 08, 2012
Magnetic Declination Model: BGM 2012
North Reference: Grid North
Grid Convergence Used: 0.1341"
Total Corr Mag North -> Grid North: 7.6334"
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (NUS)	Eastng (EUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Tie-In	0.00	0.00	15.00	0.00	-3059.00	0.00	0.00	0.00	N/A	472517.10	577560.40	N 32 17 55.74	W 104 4 58.34
KOP	7453.80	0.00	15.00	7453.80	4394.80	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 58.34
EOC	8578.80	80.00	15.00	8170.00	5111.00	697.85	691.79	185.37	8.00	473208.83	577745.75	N 32 18 2.58	W 104 4 54.16
EOC (Curve Hold)	8684.73	80.00	358.76	8170.00	5111.00	1100.96	1093.46	233.84	4.00	473610.46	577784.72	N 32 18 6.55	W 104 4 53.59
Chevron Heritage 2 15 #2H PBHL	12366.45	80.00	358.76	8170.00	5111.00	4477.27	4474.38	160.81	0.00	476981.10	577721.20	N 32 18 40.01	W 104 4 54.35

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7855 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	7453.000	1/100.000	30.000	30.000	SLB_NBG+MSHOT	Original Hole / Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12
	7453.000	12366.451	1/100.000	30.000	30.000	SLB_MWD-STD	Original Hole / Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12



Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12 Proposal Geodetic Report



(Def Plan)

Report Date: October 10, 2012 - 04:49 PM
 Client: Chevron
 Field: NM Eddy County (NAD 27)
 Structure / Plot: Chevron Heritage 2 15 #2H / Chevron Heritage 2 15 #2H
 Well: Chevron Heritage 2 15 #2H
 Borehole: Original Hole
 UWI / API#: Unknown / Unknown
 Survey Name: Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12
 Survey Date: October 08, 2012
 Tort / AHD / DDI / ERD Ratio: -106.237' / 4503.848' / 5.866' / 0.551'
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 17' 55.73825", W 104° 4' 56.34151"
 Location Grid N/E Y/X: N 472517 100 NUS, E 577560 400 NUS
 CRS Grid Convergence Angle: 0.1341°
 Grid Scale Factor: 0.99991598

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 2.003° (Grid North)
 Vertical Section Origin: 0.000 0, 0.000 n
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3050.000 n above MSL
 Seabed / Ground Elevation: 3034.000 n above MSL
 Magnetic Declination: 7.767°
 Total Gravity Field Strength: 999.2058 mgn (9.8 based)
 Total Magnetic Field Strength: 48460.127 nT
 Magnetic Dip Angle: 60.004°
 Declination Date: October 08, 2012
 Magnetic Declination Mode: BGGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.1341°
 Total Corr Mag North-Grid North: 7.6334°

Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (NUS)	Easting (EUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Tie-in	0.00	0.00	15.00	0.00	-3059.00	0.00	0.00	0.00	N/A	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	100.00	0.00	15.00	100.00	-2959.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	200.00	0.00	15.00	200.00	-2859.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	300.00	0.00	15.00	300.00	-2759.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	400.00	0.00	15.00	400.00	-2659.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	500.00	0.00	15.00	500.00	-2559.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	600.00	0.00	15.00	600.00	-2459.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	700.00	0.00	15.00	700.00	-2359.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	800.00	0.00	15.00	800.00	-2259.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	900.00	0.00	15.00	900.00	-2159.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1000.00	0.00	15.00	1000.00	-2059.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1100.00	0.00	15.00	1100.00	-1959.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1200.00	0.00	15.00	1200.00	-1859.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1300.00	0.00	15.00	1300.00	-1759.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1400.00	0.00	15.00	1400.00	-1659.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1500.00	0.00	15.00	1500.00	-1559.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1600.00	0.00	15.00	1600.00	-1459.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1700.00	0.00	15.00	1700.00	-1359.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1800.00	0.00	15.00	1800.00	-1259.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	1900.00	0.00	15.00	1900.00	-1159.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2000.00	0.00	15.00	2000.00	-1059.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2100.00	0.00	15.00	2100.00	-959.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2200.00	0.00	15.00	2200.00	-859.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2300.00	0.00	15.00	2300.00	-759.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2400.00	0.00	15.00	2400.00	-659.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2500.00	0.00	15.00	2500.00	-559.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2600.00	0.00	15.00	2600.00	-459.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2700.00	0.00	15.00	2700.00	-359.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2800.00	0.00	15.00	2800.00	-259.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	2900.00	0.00	15.00	2900.00	-159.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3000.00	0.00	15.00	3000.00	-59.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3100.00	0.00	15.00	3100.00	41.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3200.00	0.00	15.00	3200.00	141.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3300.00	0.00	15.00	3300.00	241.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3400.00	0.00	15.00	3400.00	341.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3500.00	0.00	15.00	3500.00	441.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3600.00	0.00	15.00	3600.00	541.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3700.00	0.00	15.00	3700.00	641.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3800.00	0.00	15.00	3800.00	741.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	3900.00	0.00	15.00	3900.00	841.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4000.00	0.00	15.00	4000.00	941.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4100.00	0.00	15.00	4100.00	1041.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4200.00	0.00	15.00	4200.00	1141.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4300.00	0.00	15.00	4300.00	1241.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4400.00	0.00	15.00	4400.00	1341.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4500.00	0.00	15.00	4500.00	1441.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4600.00	0.00	15.00	4600.00	1541.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4700.00	0.00	15.00	4700.00	1641.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4800.00	0.00	15.00	4800.00	1741.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	4900.00	0.00	15.00	4900.00	1841.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5000.00	0.00	15.00	5000.00	1941.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5100.00	0.00	15.00	5100.00	2041.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5200.00	0.00	15.00	5200.00	2141.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5300.00	0.00	15.00	5300.00	2241.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5400.00	0.00	15.00	5400.00	2341.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5500.00	0.00	15.00	5500.00	2441.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5600.00	0.00	15.00	5600.00	2541.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5700.00	0.00	15.00	5700.00	2641.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5800.00	0.00	15.00	5800.00	2741.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	5900.00	0.00	15.00	5900.00	2841.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6000.00	0.00	15.00	6000.00	2941.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6100.00	0.00	15.00	6100.00	3041.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6200.00	0.00	15.00	6200.00	3141.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6300.00	0.00	15.00	6300.00	3241.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6400.00	0.00	15.00	6400.00	3341.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6500.00	0.00	15.00	6500.00	3441.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6600.00	0.00	15.00	6600.00	3541.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6700.00	0.00	15.00	6700.00	3641.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6800.00	0.00	15.00	6800.00	3741.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	6900.00	0.00	15.00	6									

Comments	MD (ft)	Incl (°)	Azim Grad (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	North (ft)	East (ft)	Latitude (N/S/°)	Longitude (E/W/°)
	7300.00	0.00	15.00	7300.00	4241.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	7400.00	0.00	15.00	7400.00	4341.00	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
KOP	7453.80	0.00	15.00	7453.80	4394.80	0.00	0.00	0.00	0.00	472517.10	577560.40	N 32 17 55.74	W 104 4 56.34
	7500.00	-3.70	15.00	7499.97	4440.97	1.45	1.44	0.39	8.00	472516.54	577560.79	N 32 17 55.75	W 104 4 56.34
	7600.00	11.70	15.00	7598.89	4530.99	14.48	14.38	3.85	8.00	472531.48	577564.25	N 32 17 55.88	W 104 4 56.30
	7700.00	19.70	15.00	7695.18	4636.18	40.83	40.47	10.84	8.00	472557.57	577571.24	N 32 17 56.14	W 104 4 56.21
	7800.00	27.70	15.00	7788.87	4727.57	79.96	79.28	21.24	8.00	472596.35	577581.64	N 32 17 56.52	W 104 4 56.03
	7800.00	35.70	15.00	7821.68	4812.68	131.11	129.97	34.83	8.00	472647.08	577595.22	N 32 17 57.02	W 104 4 55.93
	8000.00	43.70	15.00	7948.57	4889.57	163.29	161.62	51.34	8.00	472708.70	577611.74	N 32 17 57.63	W 104 4 55.74
	8100.00	51.70	15.00	8015.82	4958.82	265.30	263.00	70.47	8.00	472780.07	577630.86	N 32 17 58.34	W 104 4 55.51
	8200.00	59.70	15.00	8072.14	5013.14	345.72	342.72	91.83	8.00	472859.79	577652.22	N 32 17 59.13	W 104 4 55.26
	8300.00	67.70	15.00	8116.41	5057.41	433.00	429.24	115.02	8.00	472946.31	577675.41	N 32 17 59.08	W 104 4 54.99
EOC	8400.00	75.70	15.00	8147.79	5088.79	525.44	520.87	139.57	8.00	473037.93	577699.96	N 32 18 0.89	W 104 4 54.70
	8500.00	83.70	15.00	8165.87	5106.87	621.22	615.83	165.01	8.00	473132.86	577725.40	N 32 18 1.83	W 104 4 54.40
	8578.80	90.00	15.00	8170.00	5111.00	697.85	691.79	185.37	8.00	473208.83	577745.75	N 32 18 2.58	W 104 4 54.16
	8600.00	90.00	14.15	8170.00	5111.00	718.54	712.31	190.70	4.00	473229.35	577761.08	N 32 18 2.78	W 104 4 54.10
	8700.00	90.00	10.15	8170.00	5111.00	816.96	810.05	211.75	4.00	473327.08	577772.13	N 32 18 3.75	W 104 4 53.85
EOC (Curve-Hold)	8800.00	90.00	8.15	8170.00	5111.00	916.36	909.02	225.92	4.00	473436.04	577789.30	N 32 18 4.73	W 104 4 53.68
	8900.00	90.00	2.15	8170.00	5111.00	1016.27	1008.74	233.18	4.00	473525.75	577793.54	N 32 18 5.72	W 104 4 53.60
	8984.73	90.00	358.76	8170.00	5111.00	1100.96	1093.48	233.84	4.00	473610.45	577794.22	N 32 18 6.55	W 104 4 53.59
	9000.00	90.00	358.76	8170.00	5111.00	1116.20	1108.72	233.51	0.00	473625.72	577793.89	N 32 18 6.70	W 104 4 53.59
	9100.00	90.00	358.76	8170.00	5111.00	1216.04	1208.70	231.35	0.00	473725.69	577791.73	N 32 18 7.69	W 104 4 53.61
	9200.00	90.00	358.76	8170.00	5111.00	1315.88	1308.67	229.19	0.00	473825.68	577789.57	N 32 18 8.68	W 104 4 53.64
	9300.00	90.00	358.76	8170.00	5111.00	1415.72	1408.65	227.03	0.00	473925.63	577787.41	N 32 18 9.67	W 104 4 53.66
	9400.00	90.00	358.76	8170.00	5111.00	1515.56	1508.63	224.87	0.00	474025.60	577785.25	N 32 18 10.66	W 104 4 53.68
	9500.00	90.00	358.76	8170.00	5111.00	1615.40	1608.60	222.71	0.00	474125.68	577783.09	N 32 18 11.65	W 104 4 53.70
	9600.00	90.00	358.76	8170.00	5111.00	1715.24	1708.58	220.55	0.00	474225.63	577780.93	N 32 18 12.64	W 104 4 53.73
	9700.00	90.00	358.76	8170.00	5111.00	1815.08	1808.56	218.39	0.00	474325.50	577778.77	N 32 18 13.63	W 104 4 53.75
	9800.00	90.00	358.76	8170.00	5111.00	1914.92	1908.53	216.23	0.00	474425.47	577776.62	N 32 18 14.62	W 104 4 53.77
	9900.00	90.00	358.76	8170.00	5111.00	2014.76	2008.51	214.07	0.00	474525.44	577774.46	N 32 18 15.61	W 104 4 53.79
	10000.00	90.00	358.76	8170.00	5111.00	2114.60	2108.49	211.92	0.00	474625.40	577772.30	N 32 18 16.60	W 104 4 53.82
	10100.00	90.00	358.76	8170.00	5111.00	2214.44	2208.46	209.76	0.00	474725.37	577770.14	N 32 18 17.59	W 104 4 53.84
	10200.00	90.00	358.76	8170.00	5111.00	2314.28	2308.44	207.60	0.00	474825.34	577767.98	N 32 18 18.58	W 104 4 53.86
	10300.00	90.00	358.76	8170.00	5111.00	2414.12	2408.42	205.44	0.00	474925.31	577765.82	N 32 18 19.57	W 104 4 53.88
	10400.00	90.00	358.76	8170.00	5111.00	2513.97	2508.39	203.28	0.00	475025.28	577763.66	N 32 18 20.56	W 104 4 53.90
	10500.00	90.00	358.76	8170.00	5111.00	2613.81	2608.37	201.12	0.00	475125.24	577761.50	N 32 18 21.55	W 104 4 53.93
	10600.00	90.00	358.76	8170.00	5111.00	2713.65	2708.35	198.96	0.00	475225.21	577759.34	N 32 18 22.53	W 104 4 53.95
	10700.00	90.00	358.76	8170.00	5111.00	2813.49	2808.32	196.80	0.00	475325.18	577757.18	N 32 18 23.52	W 104 4 53.97
	10800.00	90.00	358.76	8170.00	5111.00	2913.33	2908.30	194.64	0.00	475425.15	577755.02	N 32 18 24.51	W 104 4 53.99
	10900.00	90.00	358.76	8170.00	5111.00	3013.17	3008.28	192.48	0.00	475525.12	577752.86	N 32 18 25.50	W 104 4 54.02
	11000.00	90.00	358.76	8170.00	5111.00	3113.01	3108.25	190.32	0.00	475625.09	577750.70	N 32 18 26.49	W 104 4 54.04
	11100.00	90.00	358.76	8170.00	5111.00	3212.85	3208.23	188.16	0.00	475725.05	577748.55	N 32 18 27.48	W 104 4 54.06
	11200.00	90.00	358.76	8170.00	5111.00	3312.69	3308.21	186.00	0.00	475825.02	577746.39	N 32 18 28.47	W 104 4 54.08
	11300.00	90.00	358.76	8170.00	5111.00	3412.53	3408.18	183.84	0.00	475924.99	577744.23	N 32 18 29.46	W 104 4 54.11
	11400.00	90.00	358.76	8170.00	5111.00	3512.37	3508.16	181.68	0.00	476024.96	577742.07	N 32 18 30.45	W 104 4 54.13
	11500.00	90.00	358.76	8170.00	5111.00	3612.21	3608.14	179.52	0.00	476124.93	577739.91	N 32 18 31.44	W 104 4 54.15
	11600.00	90.00	358.76	8170.00	5111.00	3712.05	3708.11	177.36	0.00	476224.89	577737.75	N 32 18 32.43	W 104 4 54.17
	11700.00	90.00	358.76	8170.00	5111.00	3811.89	3808.09	175.21	0.00	476324.86	577735.59	N 32 18 33.42	W 104 4 54.20
	11800.00	90.00	358.76	8170.00	5111.00	3911.73	3908.07	173.05	0.00	476424.83	577733.43	N 32 18 34.41	W 104 4 54.22
	11900.00	90.00	358.76	8170.00	5111.00	4011.57	4008.04	170.89	0.00	476524.80	577731.27	N 32 18 35.40	W 104 4 54.24
	12000.00	90.00	358.76	8170.00	5111.00	4111.41	4108.02	168.73	0.00	476624.77	577729.11	N 32 18 36.39	W 104 4 54.26
	12100.00	90.00	358.76	8170.00	5111.00	4211.25	4208.00	166.57	0.00	476724.73	577726.95	N 32 18 37.37	W 104 4 54.29
	12200.00	90.00	358.76	8170.00	5111.00	4311.09	4307.97	164.41	0.00	476824.70	577724.79	N 32 18 38.36	W 104 4 54.31
	12300.00	90.00	358.76	8170.00	5111.00	4410.93	4407.95	162.25	0.00	476924.67	577722.63	N 32 18 39.35	W 104 4 54.33
Chevron Heritage 2 15 #21 PBDL	12366.45	90.00	358.76	8170.00	5111.00	4477.27	4474.38	160.81	0.00	476991.10	577721.20	N 32 18 40.01	W 104 4 54.35

Survey Type: Def Plan

Survey Error Model: ISOWSA Rev 0 *** 3-D 95.00% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EQU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	25.000	1/100.000	30.000	30.000	SLB_NSG+MSHOT-Depth Only	Original Hole / Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12
	25.000	7453.000	1/100.000	30.000	30.000	SLB_NSG+MSHOT	Original Hole / Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12
	7453.000	12366.451	1/100.000	30.000	30.000	SLB_NWD-STD	Original Hole / Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12



Chevron

Rev1

PATHFINDER
A Schlumberger Company

WELL	Chevron Heritage 2 15 #2H		FIELD	NM Eddy County (NAD 27)		SURVEY NO.	Chevron Heritage 2 15 #2H	
Mapsheet Parameters	Model	7.0.0.0	Proj	UTM	Zone	18Q	Units	Feet
Mapsheet Parameters	Model	7.0.0.0	Proj	UTM	Zone	18Q	Units	Feet

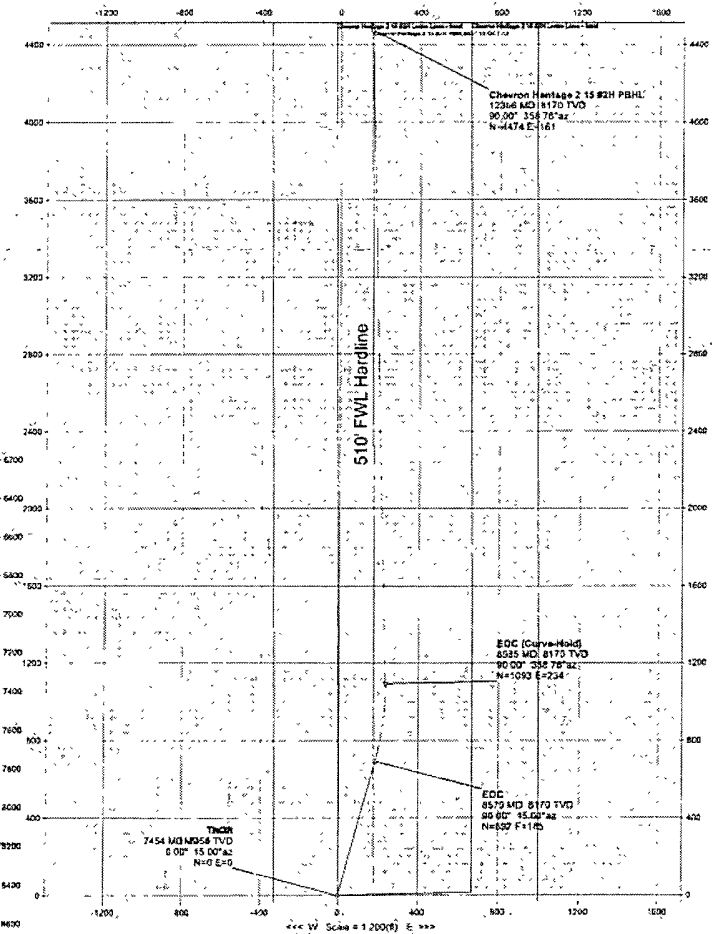
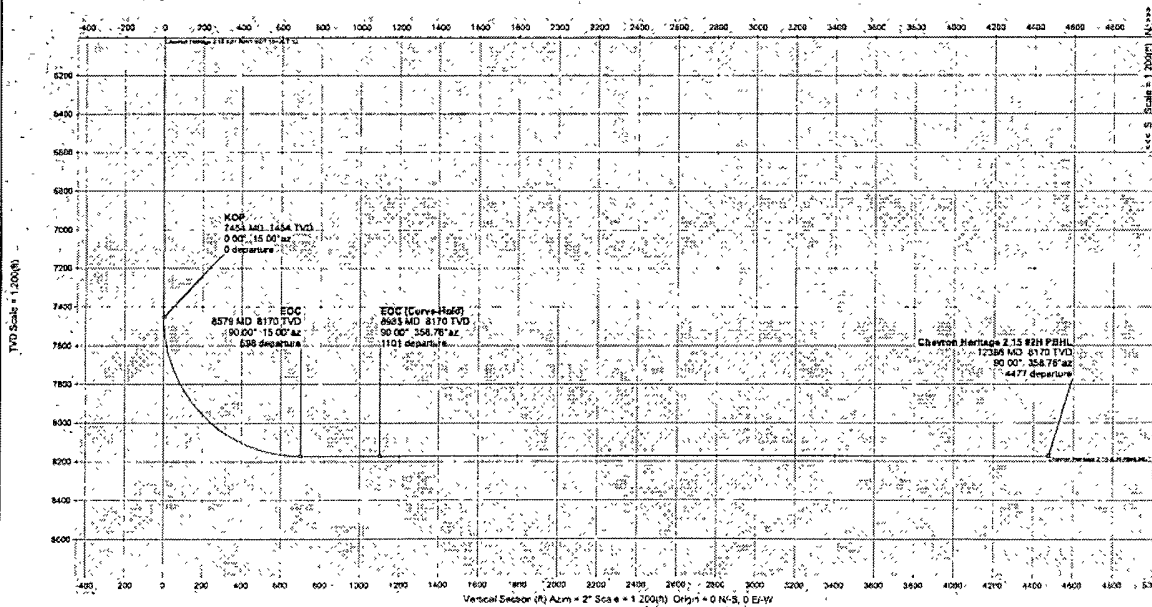
Legend

Station Name: 215-15-154
Station Name: 215-15-154
Station Name: 215-15-154
Station Name: 215-15-154
Station Name: 215-15-154



Grid North
Tot Corr (M-G)
7.6334"
Mag Dec (7 767")
Grid Conv
(0.134")

Comments	Survey MO	Station	Lat	Long	Alt	Depth	Well	Survey MO	Station	Lat	Long	Alt	Depth	Well
Top of Hole	0.00	0.00	15.00	0.00	3658.00	0.00	0.00	N 32 17 55.739	W 104 4 56 342	577560.40	472517.10	0.00	0.00	15.00
KOP	7453.80	0.00	15.00	7453.80	4354.80	0.00	0.00	N 32 17 55.739	W 104 4 56 342	577560.40	472517.10	0.00	0.00	15.00
EOC	8578.80	90.00	15.00	8170.00	5111.00	697.85	1691.79	N 32 18 2.580	W 104 4 54 163	577745.75	473208.83	716.20	15.00	0.00
EOC (Curve-Hold)	8984.73	90.00	358.76	8170.00	5111.00	1100.96	1093.46	N 32 18 6.554	W 104 4 53 587	577794.22	473610.46	1118.18	12.07	4.00
Chevron Heritage 2 15 #2H PBHL	12366.45	90.00	358.76	8170.00	5111.00	4477.27	4474.36	N 32 18 40.011	W 104 4 54 346	577721.20	476991.10	4477.27	2.06	0.00



Drawn by: [Name]
Date Created: [Date]
Checked by: [Name]
Approved by: [Name]