

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

HOBBS OGD

FEB 07 2013

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30025-40987	² Pool Code 5695-39350	³ Pool Name Bilbrey Basin LIVINGSTON RIDGE, BONE SPRING
⁴ Property Code 39702	⁵ Property Name BILBRY BASIN "S" STATE COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁶ Well Number 1H
		⁹ Elevation 3664.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	22 S	32 E		790	SOUTH	1520	WEST	LEA

¹¹ 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
N	4	22 S	32 E		660	SOUTH	2310	WEST	LEA

¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁷ OPERATOR CERTIFICATION

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

Signature: *D. Cook* Date: 2/6/2013

David Cook, Regulatory Specialist

Printed Name

David.Cook@dmn.com

E-mail Address

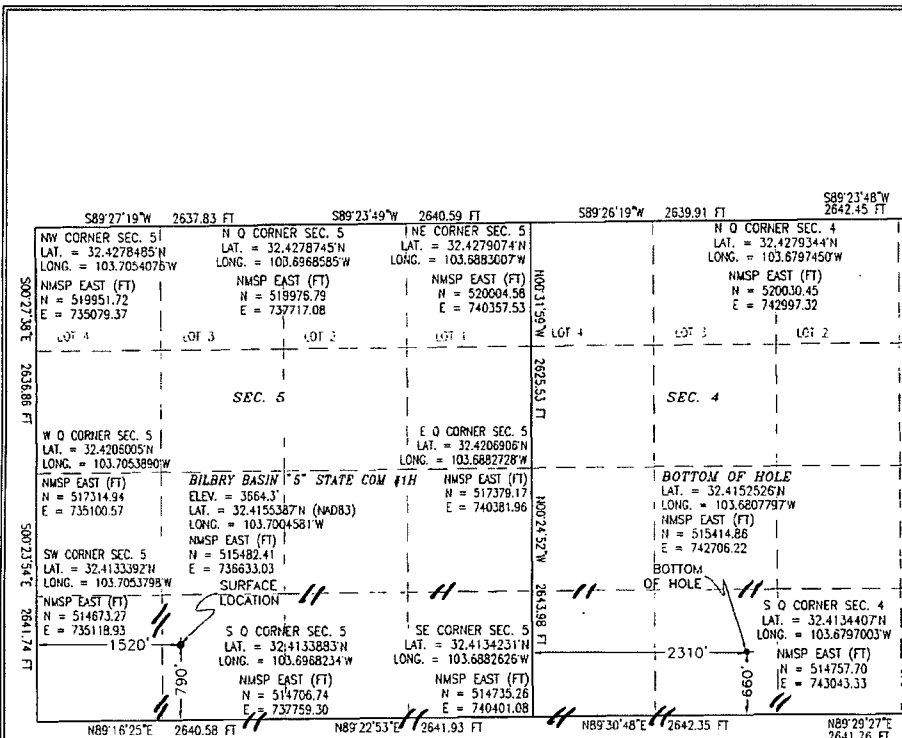
¹⁸ SURVEYOR CERTIFICATION

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.

JANUARY 28, 2013
Date of Survey

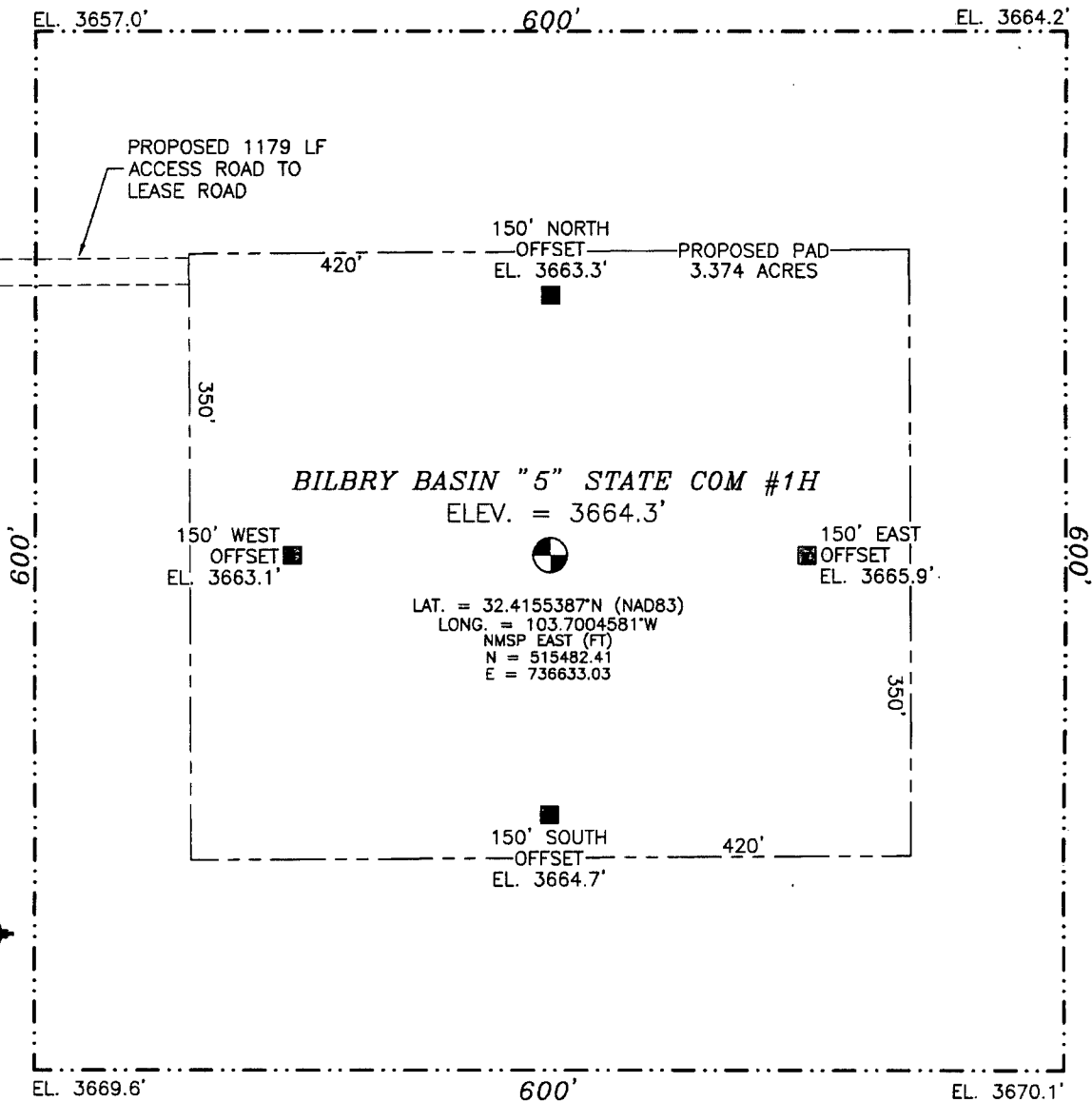
Signature and Seal of Professional Surveyor
Certificate Number: 1561

FILIXION F. LARSEN, PLS 12797
SURVEY NO. 1561



PP: 660 FSL; 1520 FWL; 5-22S-32E

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM INTERSECTION OF STATE HIGHWAY 62-180 AND CR 29 (CAMPBELL ROAD) GO SOUTH ON CR 29 APPROX. 9.0 MILES TO A LEASE ROAD ON LEFT (EAST) BY A TAN WATER TANK, TURN LEFT (EAST) GO APPROX. 0.7 MILES, ROAD TURNS LEFT (NORTH) GO APPROX. 0.5 MILES, ROAD TURNS RIGHT (EAST) FOLLOW ROAD APPROX. 0.4 MILES TO AN EXISTING ENTERPRISE PIPELINE CROSSING LEASE ROAD, TURN RIGHT (SOUTH) ON PIPELINE ROAD, GO APPROX. 1.3 MILES TO ROAD LATH WITH RED AND WHITE FLAGGING. LOCATION IS APPROX. 0.21 MILES (EAST) OF PIPELINE ROAD.

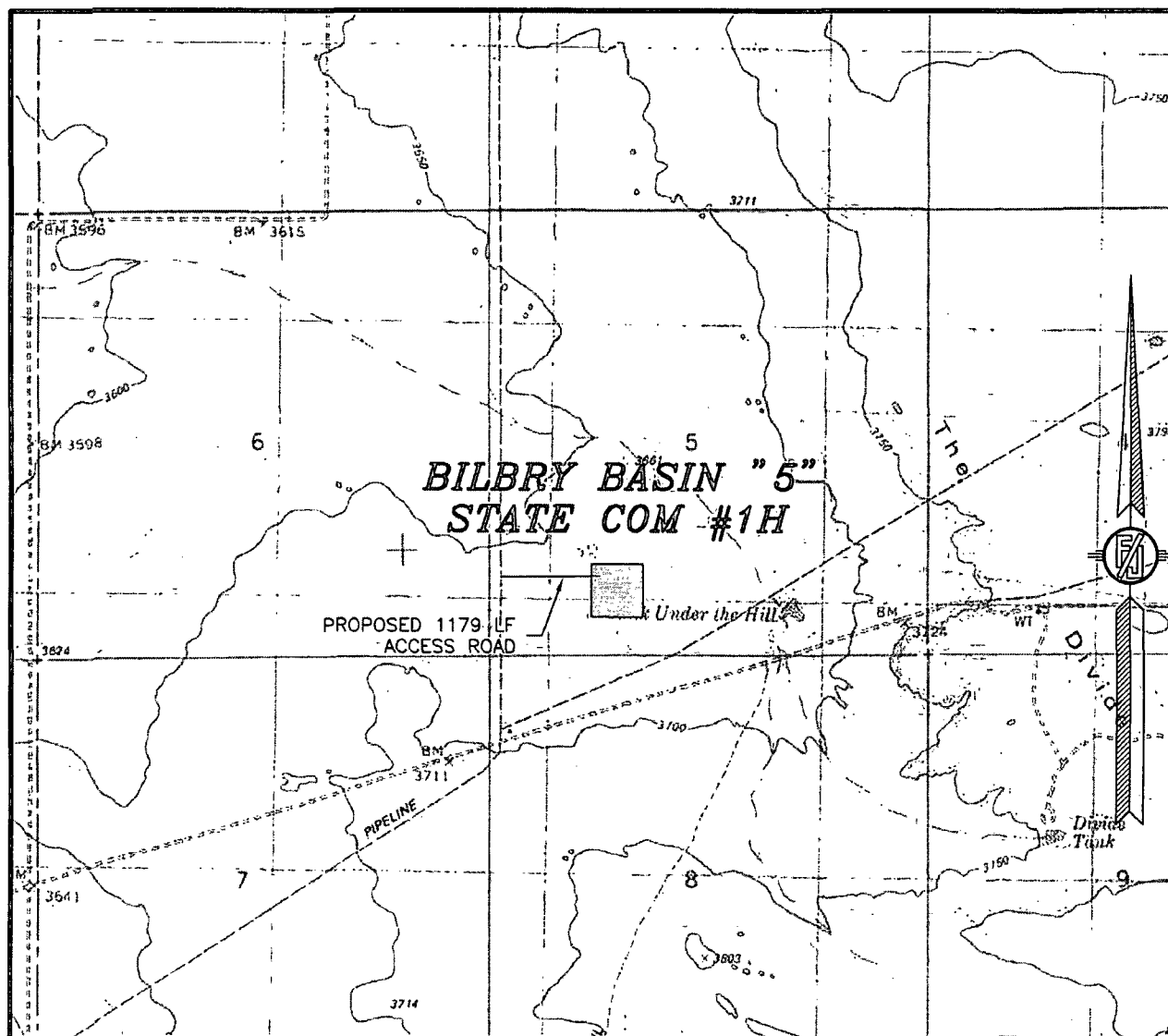
DEVON ENERGY PRODUCTION COMPANY, L.P.
BILBRY BASIN "5" STATE COM #1H
LOCATED 790 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

SURVEY NO. 1561

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
THE DIVIDE

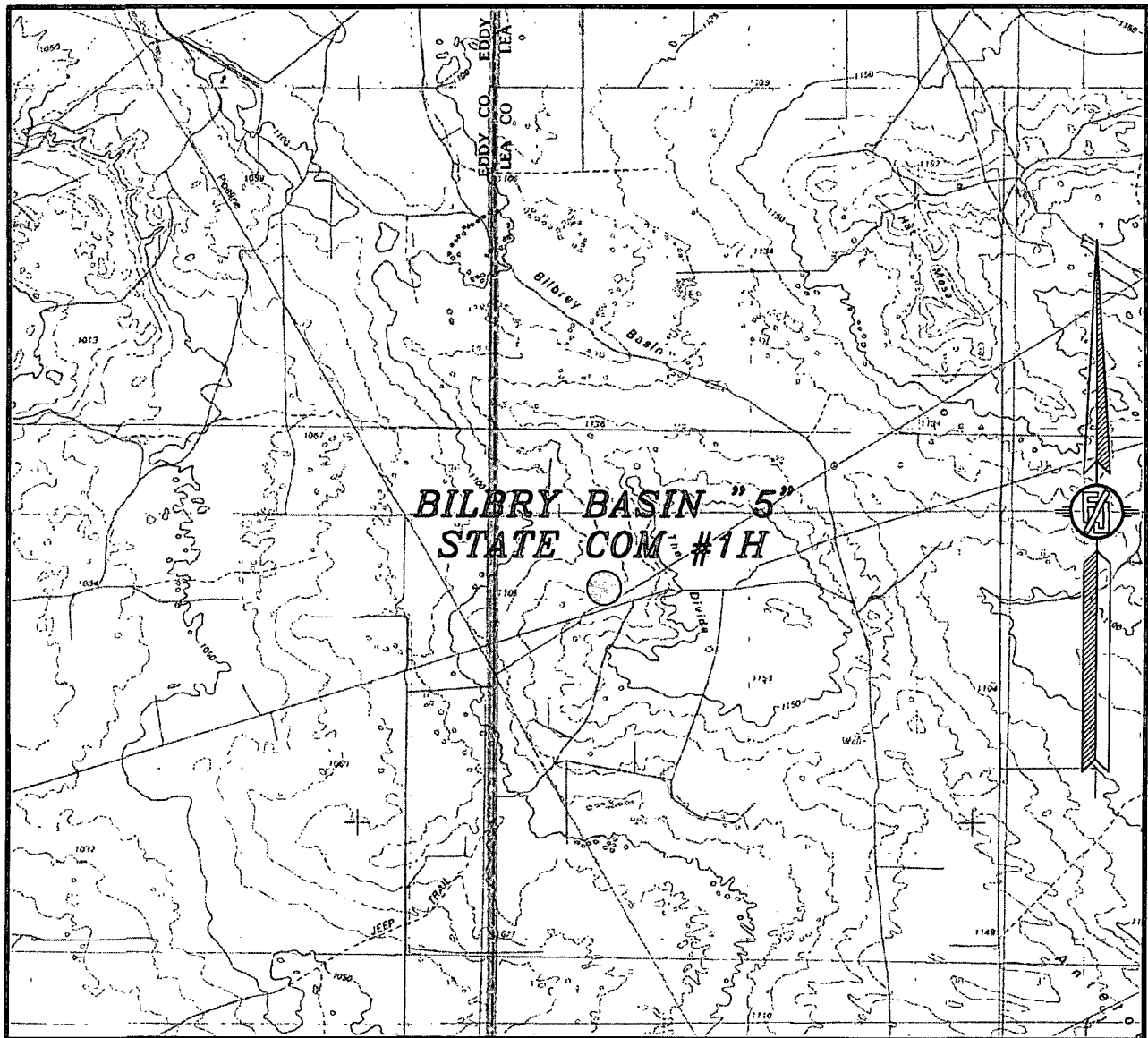
NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
BILBRY BASIN "5" STATE COM #1H
LOCATED 790 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 1561

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

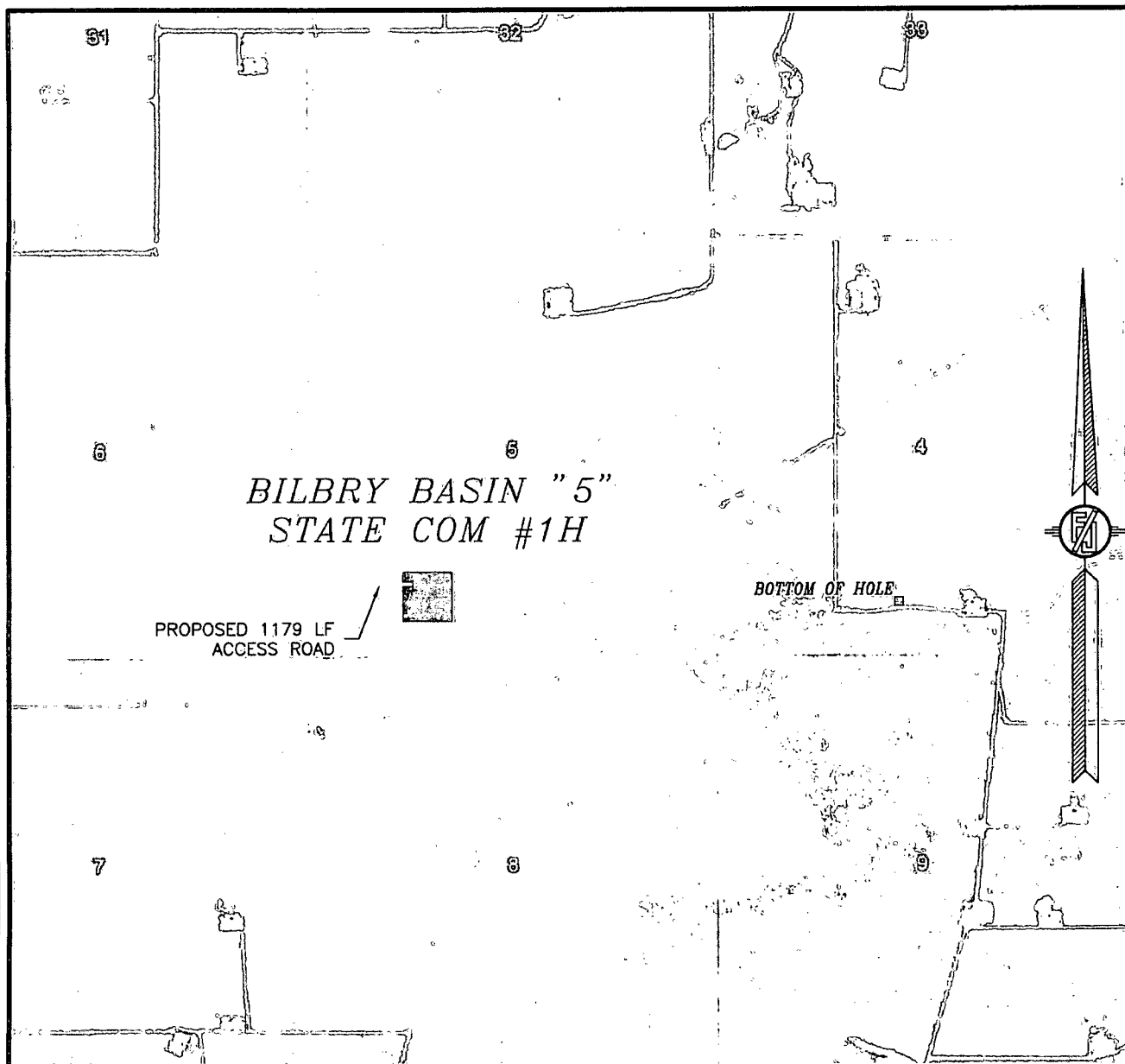
DEVON ENERGY PRODUCTION COMPANY, L.P.
BILBRY BASIN "5" STATE COM #1H
LOCATED 790 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

SURVEY NO. 1561

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.
BILBRY BASIN "5" STATE COM #1H
LOCATED 790 FT. FROM THE SOUTH LINE
AND 1520 FT. FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

SURVEY NO. 1561

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

HOBBS OCD

FEB 07 2013

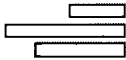
RECEIVED



Weatherford™

Drilling Services

Proposal



devon

BILBRY BASIN 5 STATE COM #1H

LEA COUNTY, NM

WELL FILE: **PLAN 1**

FEBRUARY 6, 2013

Weatherford International, Ltd.

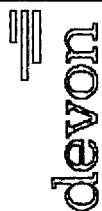
P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com



Bilbry Basin 5 State Com 1H
Lea County, New Mexico



KB ELEV: 3689
GL ELEV: 3664

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	90.64	0.00	0.00	0.00	0.00	0.00	0.00	
2	9990.04	0.00	90.64	9990.04	0.00	0.00	0.00	0.00	0.00	
3	10890.04	90.00	90.64	10563.00	-6.37	572.92	10.00	90.64	572.96	PBHL
4	16390.65	90.00	90.64	10563.00	-67.55	6073.19	0.00	0.00	6073.57	PBHL

SITE DETAILS

test
Site Centre Northing: 714205.59
Easting: 482057.99
Water Depth: 0.00
Positional Uncertainty: 0.00
Convergence: -2.72

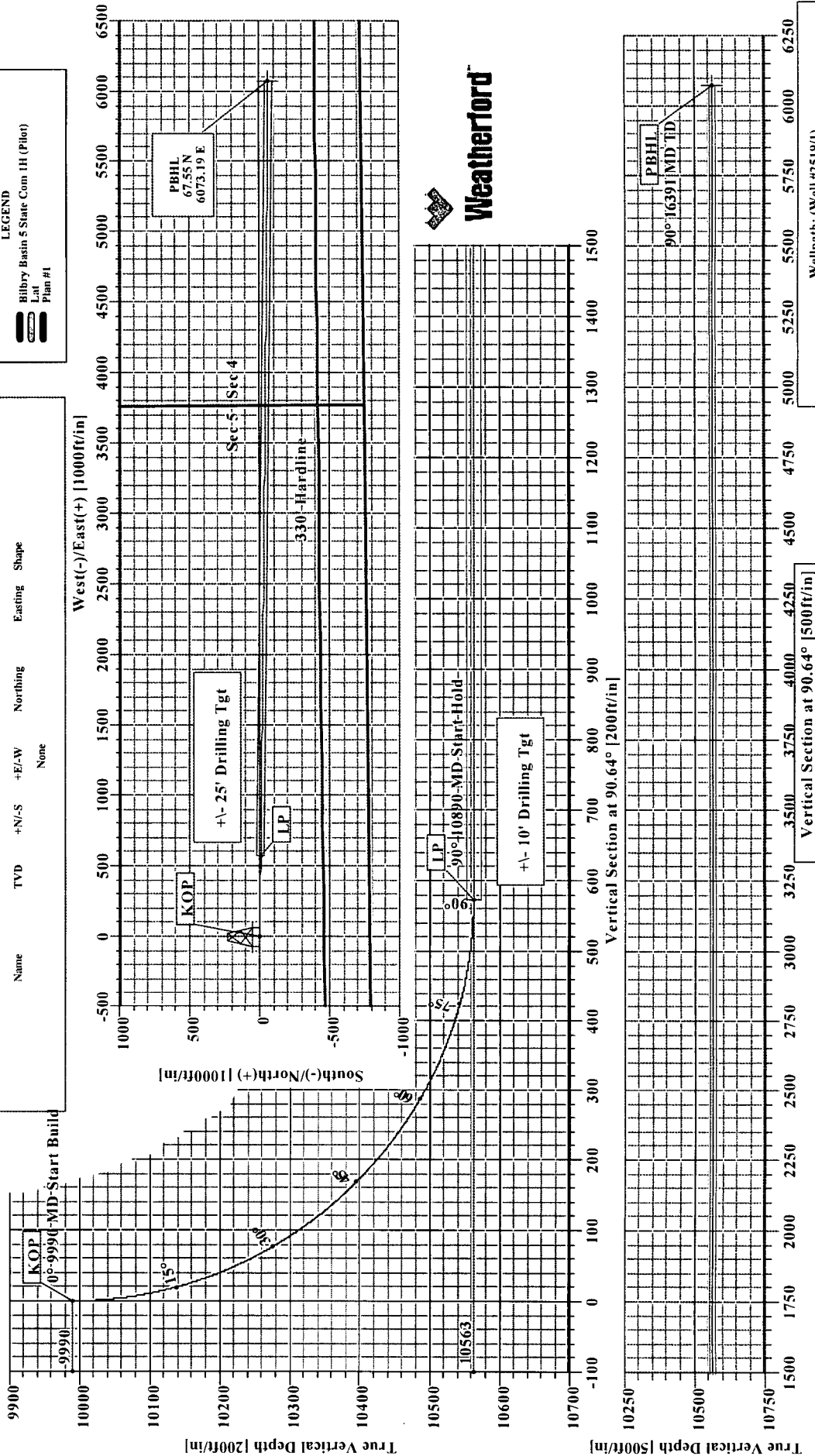
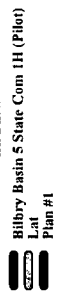
WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Well #2519	0.00	0.00	714205.59	482057.99	33°31'51.046"N	102°28'59.070"W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
						None

LEGEND





Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy		Date: 2/6/2013	Time: 09:20:53	Page: 1
Field: Lea County, New Mexico (NAD 83)		Co-ordinate(NE) Reference: Well: Bilbry Basin 5 State Com 1H		
Site: Bilbry Basin 5 State Com 1H		Vertical (TVD) Reference: SITE 3689.0		
Well: Bilbry Basin 5 State Com 1H		Section (VS) Reference: Well (0.00N,0.00E,90.64Azi)		
Wellpath: Lat		Survey Calculation Method: Minimum Curvature Db: Sybase		

Plan: Plan #1	Date Composed: 2/6/2013
Principal: Yes	Version: 1
	Tied-to: From Surface

Site: Bilbry Basin 5 State Com 1H		
Site Position:	Northing: 515482.41 ft	Latitude: 32 24 55.929 N
From: Map	Easting: 736633.03 ft	Longitude: 103 42 1.666 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3664.00 ft		Grid Convergence: 0.34 deg

Well: Bilbry Basin 5 State Com 1H		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 515482.41 ft	Latitude: 32 24 55.929 N	
+E/-W 0.00 ft	Easting: 736633.03 ft	Longitude: 103 42 1.666 W	
Position Uncertainty: 0.00 ft			

Wellpath: Lat	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 6/15/2013	Above System Datum: Mean Sea Level		
Field Strength: 48543 nT	Declination: 7.42 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.29 deg		
ft	+N/-S	+E/-W	Direction
	ft	ft	deg
0.00	0.00	0.00	90.64

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	90.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9990.04	0.00	90.64	9990.04	0.00	0.00	0.00	0.00	0.00	0.00	
10890.04	90.00	90.64	10563.00	-6.37	572.92	10.00	10.00	0.00	90.64	
16390.65	90.00	90.64	10563.00	-67.55	6073.19	0.00	0.00	0.00	0.00	PBHL

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
9900.00	0.00	90.64	9900.00	0.00	0.00	0.00	0.00	515482.41	736633.03	
9990.04	0.00	90.64	9990.04	0.00	0.00	0.00	0.00	515482.41	736633.03	KOP
10000.00	1.00	90.64	10000.00	0.00	0.09	0.09	0.09	515482.41	736633.12	
10050.00	6.00	90.64	10049.89	-0.03	3.13	3.13	10.00	515482.38	736636.16	
10100.00	11.00	90.64	10099.33	-0.12	10.52	10.52	10.00	515482.29	736643.55	
10150.00	16.00	90.64	10147.93	-0.25	22.18	22.18	10.00	515482.16	736655.21	
10200.00	21.00	90.64	10195.33	-0.42	38.04	38.04	10.00	515481.99	736671.07	
10250.00	26.00	90.64	10241.17	-0.64	57.96	57.97	10.00	515481.77	736690.99	
10300.00	31.00	90.64	10285.10	-0.91	81.81	81.82	10.00	515481.50	736714.84	
10350.00	36.00	90.64	10326.78	-1.22	109.39	109.40	10.00	515481.19	736742.42	
10400.00	41.00	90.64	10365.90	-1.56	140.50	140.51	10.00	515480.85	736773.53	
10450.00	46.00	90.64	10402.16	-1.95	174.91	174.92	10.00	515480.46	736807.94	
10500.00	51.00	90.64	10435.29	-2.36	212.34	212.35	10.00	515480.05	736845.37	
10550.00	56.00	90.64	10465.02	-2.81	252.51	252.53	10.00	515479.60	736885.54	
10600.00	61.00	90.64	10491.14	-3.28	295.13	295.15	10.00	515479.13	736928.16	
10650.00	66.00	90.64	10513.45	-3.78	339.86	339.88	10.00	515478.63	736972.89	
10700.00	71.00	90.64	10531.77	-4.30	386.36	386.38	10.00	515478.11	737019.39	
10750.00	76.00	90.64	10545.97	-4.83	434.28	434.31	10.00	515477.58	737067.31	
10800.00	81.00	90.64	10555.94	-5.38	483.26	483.29	10.00	515477.03	737116.29	
10850.00	86.00	90.64	10561.60	-5.93	532.92	532.95	10.00	515476.48	737165.95	
10890.04	90.00	90.64	10563.00	-6.37	572.92	572.96	10.00	515476.04	737205.95	LP
10900.00	90.00	90.64	10563.00	-6.48	582.88	582.92	0.00	515475.93	737215.91	
11000.00	90.00	90.64	10563.00	-7.60	682.87	682.92	0.00	515474.81	737315.90	



Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Bilbry Basin 5 State Com 1H
Well: Bilbry Basin 5 State Com 1H
Wellpath: Lat

Date: 2/6/2013 Time: 09:20:53 Page: 2
Co-ordinate(NE) Reference: Well: Bilbry Basin 5 State Com 1H
Vertical (TVD) Reference: SITE 3689.0
Section (VS) Reference: Well (0.00N,0.00E,90.64Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
11100.00	90.00	90.64	10563.00	-8.71	782.87	782.92	0.00	515473.70	737415.90	
11200.00	90.00	90.64	10563.00	-9.82	882.86	882.92	0.00	515472.59	737515.89	
11300.00	90.00	90.64	10563.00	-10.93	982.85	982.92	0.00	515471.48	737615.88	
11400.00	90.00	90.64	10563.00	-12.04	1082.85	1082.92	0.00	515470.37	737715.88	
11500.00	90.00	90.64	10563.00	-13.16	1182.84	1182.92	0.00	515469.25	737815.87	
11600.00	90.00	90.64	10563.00	-14.27	1282.84	1282.92	0.00	515468.14	737915.87	
11700.00	90.00	90.64	10563.00	-15.38	1382.83	1382.92	0.00	515467.03	738015.86	
11800.00	90.00	90.64	10563.00	-16.49	1482.82	1482.92	0.00	515465.92	738115.85	
11900.00	90.00	90.64	10563.00	-17.61	1582.82	1582.92	0.00	515464.80	738215.85	
12000.00	90.00	90.64	10563.00	-18.72	1682.81	1682.92	0.00	515463.69	738315.84	
12100.00	90.00	90.64	10563.00	-19.83	1782.81	1782.92	0.00	515462.58	738415.84	
12200.00	90.00	90.64	10563.00	-20.94	1882.80	1882.92	0.00	515461.47	738515.83	
12300.00	90.00	90.64	10563.00	-22.05	1982.79	1982.92	0.00	515460.36	738615.82	
12400.00	90.00	90.64	10563.00	-23.17	2082.79	2082.92	0.00	515459.24	738715.82	
12500.00	90.00	90.64	10563.00	-24.28	2182.78	2182.92	0.00	515458.13	738815.81	
12600.00	90.00	90.64	10563.00	-25.39	2282.77	2282.92	0.00	515457.02	738915.80	
12700.00	90.00	90.64	10563.00	-26.50	2382.77	2382.92	0.00	515455.91	739015.80	
12800.00	90.00	90.64	10563.00	-27.61	2482.76	2482.92	0.00	515454.80	739115.79	
12900.00	90.00	90.64	10563.00	-28.73	2582.76	2582.92	0.00	515453.68	739215.79	
13000.00	90.00	90.64	10563.00	-29.84	2682.75	2682.92	0.00	515452.57	739315.78	
13100.00	90.00	90.64	10563.00	-30.95	2782.74	2782.92	0.00	515451.46	739415.77	
13200.00	90.00	90.64	10563.00	-32.06	2882.74	2882.92	0.00	515450.35	739515.77	
13300.00	90.00	90.64	10563.00	-33.18	2982.73	2982.92	0.00	515449.23	739615.76	
13400.00	90.00	90.64	10563.00	-34.29	3082.72	3082.92	0.00	515448.12	739715.75	
13500.00	90.00	90.64	10563.00	-35.40	3182.72	3182.92	0.00	515447.01	739815.75	
13600.00	90.00	90.64	10563.00	-36.51	3282.71	3282.92	0.00	515445.90	739915.74	
13700.00	90.00	90.64	10563.00	-37.62	3382.71	3382.92	0.00	515444.79	740015.74	
13800.00	90.00	90.64	10563.00	-38.74	3482.70	3482.92	0.00	515443.67	740115.73	
13900.00	90.00	90.64	10563.00	-39.85	3582.69	3582.92	0.00	515442.56	740215.72	
14000.00	90.00	90.64	10563.00	-40.96	3682.69	3682.92	0.00	515441.45	740315.72	
14100.00	90.00	90.64	10563.00	-42.07	3782.68	3782.92	0.00	515440.34	740415.71	
14200.00	90.00	90.64	10563.00	-43.19	3882.68	3882.92	0.00	515439.22	740515.71	
14300.00	90.00	90.64	10563.00	-44.30	3982.67	3982.92	0.00	515438.11	740615.70	
14400.00	90.00	90.64	10563.00	-45.41	4082.66	4082.92	0.00	515437.00	740715.69	
14500.00	90.00	90.64	10563.00	-46.52	4182.66	4182.92	0.00	515435.89	740815.69	
14600.00	90.00	90.64	10563.00	-47.63	4282.65	4282.92	0.00	515434.78	740915.68	
14700.00	90.00	90.64	10563.00	-48.75	4382.64	4382.92	0.00	515433.66	741015.67	
14800.00	90.00	90.64	10563.00	-49.86	4482.64	4482.92	0.00	515432.55	741115.67	
14900.00	90.00	90.64	10563.00	-50.97	4582.63	4582.92	0.00	515431.44	741215.66	
15000.00	90.00	90.64	10563.00	-52.08	4682.63	4682.92	0.00	515430.33	741315.66	
15100.00	90.00	90.64	10563.00	-53.20	4782.62	4782.92	0.00	515429.21	741415.65	
15200.00	90.00	90.64	10563.00	-54.31	4882.61	4882.92	0.00	515428.10	741515.64	
15300.00	90.00	90.64	10563.00	-55.42	4982.61	4982.92	0.00	515426.99	741615.64	
15400.00	90.00	90.64	10563.00	-56.53	5082.60	5082.92	0.00	515425.88	741715.63	
15500.00	90.00	90.64	10563.00	-57.64	5182.60	5182.92	0.00	515424.77	741815.63	
15600.00	90.00	90.64	10563.00	-58.76	5282.59	5282.92	0.00	515423.65	741915.62	
15700.00	90.00	90.64	10563.00	-59.87	5382.58	5382.92	0.00	515422.54	742015.61	
15800.00	90.00	90.64	10563.00	-60.98	5482.58	5482.92	0.00	515421.43	742115.61	
15900.00	90.00	90.64	10563.00	-62.09	5582.57	5582.92	0.00	515420.32	742215.60	
16000.00	90.00	90.64	10563.00	-63.21	5682.56	5682.92	0.00	515419.20	742315.59	
16100.00	90.00	90.64	10563.00	-64.32	5782.56	5782.92	0.00	515418.09	742415.59	
16200.00	90.00	90.64	10563.00	-65.43	5882.55	5882.92	0.00	515416.98	742515.58	



Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Bilbry Basin 5 State Com 1H
Well: Bilbry Basin 5 State Com 1H
Wellpath: Lat

Date: 2/6/2013 Time: 09:20:53 Page: 3
Co-ordinate(NE) Reference: Well: Bilbry Basin 5 State Com 1H
Vertical (TVD) Reference: SITE 3689.0
Section (VS) Reference: Well (0.00N,0.00E,90.64Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
16300.00	90.00	90.64	10563.00	-66.54	5982.55	5982.92	0.00	515415.87	742615.58	
16390.65	90.00	90.64	10563.00	-67.55	6073.19	6073.57	0.00	515414.86	742706.22	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----> Deg Min Sec	<---- Longitude ----> Deg Min Sec
PBHL -Rectangle (5500x50)		10563.00	-67.55	6073.19	515414.86	742706.22	32 24 54.899 N	103 40 50.824 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
9990.04	9990.04	KOP
10890.04	10563.00	LP
16390.64	10563.00	PBHL

**Weatherford****Weatherford Drilling Services**

GeoDec v5.03

Report Date: February 06, 2013
Job Number: _____
Customer: Devon Energy
Well Name: Bilbry Basin 5 State Com 1H
API Number: _____
Rig Name: _____
Location: Lea County, NM
Block: _____
Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 515482.410 USFT	Latitude 32.4155387 DEG
East/West 736633.030 USFT	Longitude -103.7004581 DEG
Grid Convergence: .34°	
Total Correction: +7.18°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.41554° N	32° 24 min 55.939 sec
Longitude =	103.70046° W	103° 42 min 1.649 sec

Magnetic Declination =	7.52°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6591
Local Field Strength =	48514 nT	Magnetic Vector X = 23866 nT
Magnetic Dip =	60.25°	Magnetic Vector Y = 3152 nT
Magnetic Model =	bggm2012	Magnetic Vector Z = 42120 nT
Spud Date =	Jun 15, 2013	Magnetic Vector H = 24073 nT

Signed: _____

Date: _____