

30-025-40939

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HOBBS OCD

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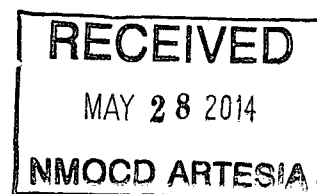
Schlumberger Technology Corporation
1325 S Dairy Ashford, Rm 5012
Houston, TX 77077
281-285-6262

Date: May 22, 2014

State of New Mexico
Oil Conservation Division
District ~~2~~ - ARTESIA
811 S. First St.
Artesia, NM 88210

Attention: T.C. Shaffert

Company Name: Oxy USA WTP Limited Partnership
Well Name: East Eumont Unit #202
County: Lea
State: New Mexico
API number: 30-025-40938

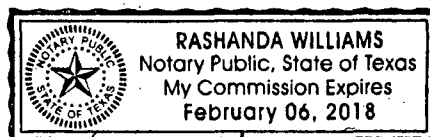


Enclosed please find the original copy of the Continuous Direction Survey performed by Schlumberger Wireline & Testing and Data Services, divisions of Schlumberger Technology Corporation (P-5 No. 754900). The Continuous Directional Survey was calculated from GPIT Survey data, and processed by Elizabeth Rosborough, PetroTechnical Services located in DS-Houston. Information required by your office is as follows:

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Elizabeth Rosborough Geology Tech	1	0 ft - 4180 ft	May 21, 2014	GPIT

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address or call (281) 285-6262.

Elizabeth Rosborough
Geology Tech
Enclosures



Rashanda Williams
5.22.14

JUL 01 2014

Schlumberger

East Eumont Unit #202

General Information:

Company Name: Oxy USA WTP LP
Field: East Eumont
Well: East Eumont Unit #202
County: Lea
State: New Mexico
Surface Location: 1310' FNL & 1410' FWL
Latitude: 32.685700 deg N
Longitude: 103.24340 deg W
API Number: 30-025-40938
Logging Engineer: James Lamb
Processed By: Elizabeth Rosborough
Service Order Number: C13G-00121
Job Number: DSP-2014-17518
Date Logged: 23-Apr-2013
Date Processed: 21-May-2014

Bottom Hole Location:

Measured Depth	True Vertical Depth	North/South Drift	East/West Drift	Closure Distance	Closure Direction
Ft	Ft	Ft	Ft	Ft	Deg
4180.00	4179.69	-12.85	-1.86	12.99	188.25



GEOFRAME PROCESSED INTERPRETATION

Certified Directional Survey

0' MD - 4180' MD

*A Mark of Schlumberger

Using the following logs: GPIT

HOBBS OCD

COMPANY: Oxy USA WTP LP
WELL: East Eumont Unit #202
FIELD: East Eumont
County: Lea
State: New Mexico
COUNTRY:
Date Logged: 23-Apr-2013 Date Processed: 21-May-2014
Well Location: 1310' FSL & 1410' FWL

Elevations: KB: 3677.2ft DF: 3676.2ft GL: 3660.7ft
API Number: 30-025-40938 Job Number: DSP-2014-17518

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The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Field Recording: Location: Roswell, NM Software Version: 20C0-999 Engineer: James Lamb

Office Recording: ICS Center: Houston Baseline: Log Analyst: E. Rosborough

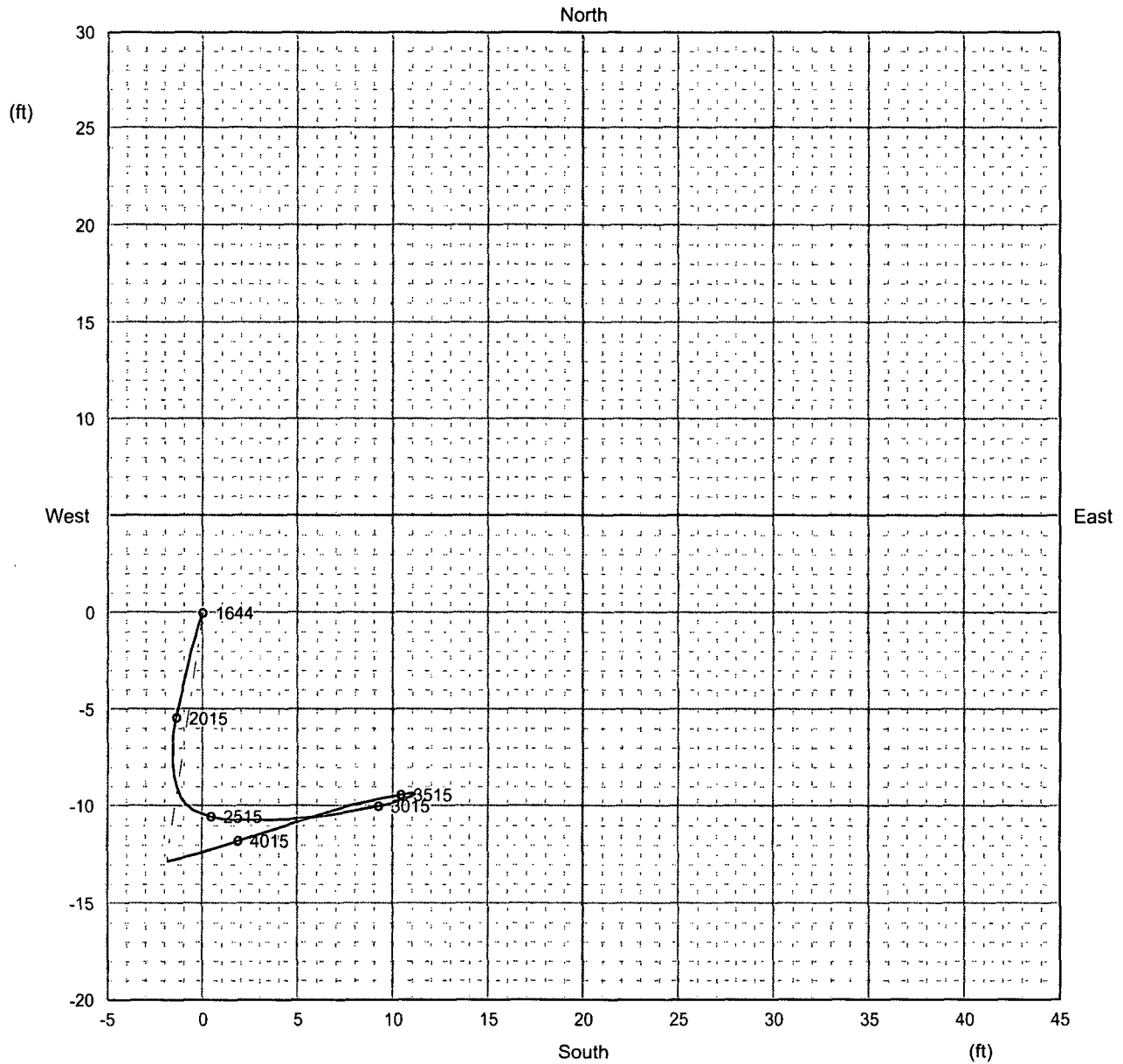
Mud and Borehole Measurements:

Rm @ Measured Temperature: 0.0286ohm.m @ 68degF	BHT: 212degF	Bitsize: 7.625in
Rmf @ Measured Temperature: 0.0213ohm.m @ 68degF	Type Fluid in Hole:	WATER
Rmc @ Measured Temperature: @ 68degF	Mud Density: 10lbm/gal	

Remarks:

0' MD - 1644' MD in Casing.....Assumed Vertical
GPIT Data Good at 1715' MD
Grid Convergence Angle = 0.949 deg

East Eumont Unit #202

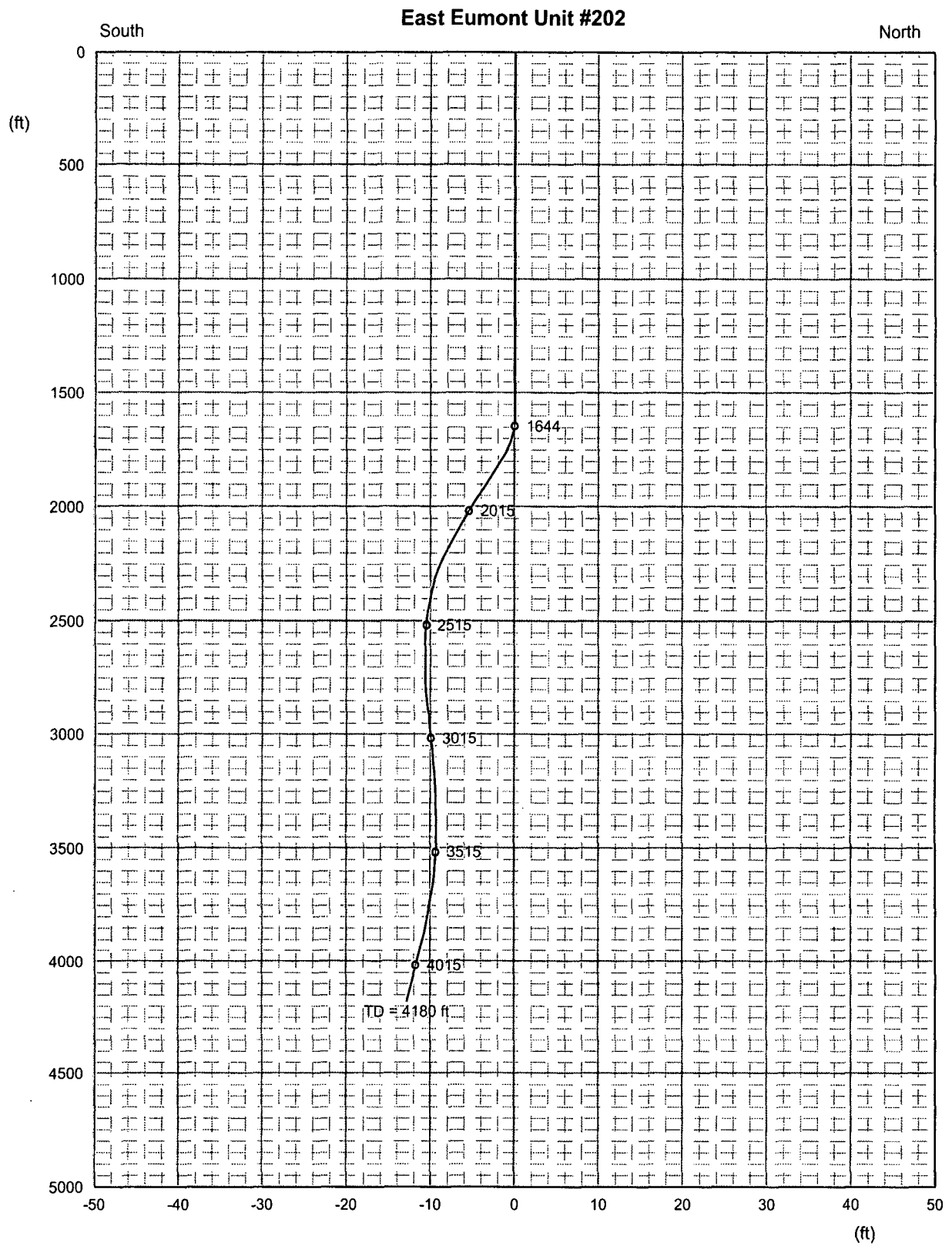


Projection on Horizontal Plane

Horizontal scale 1 in : 8 ft

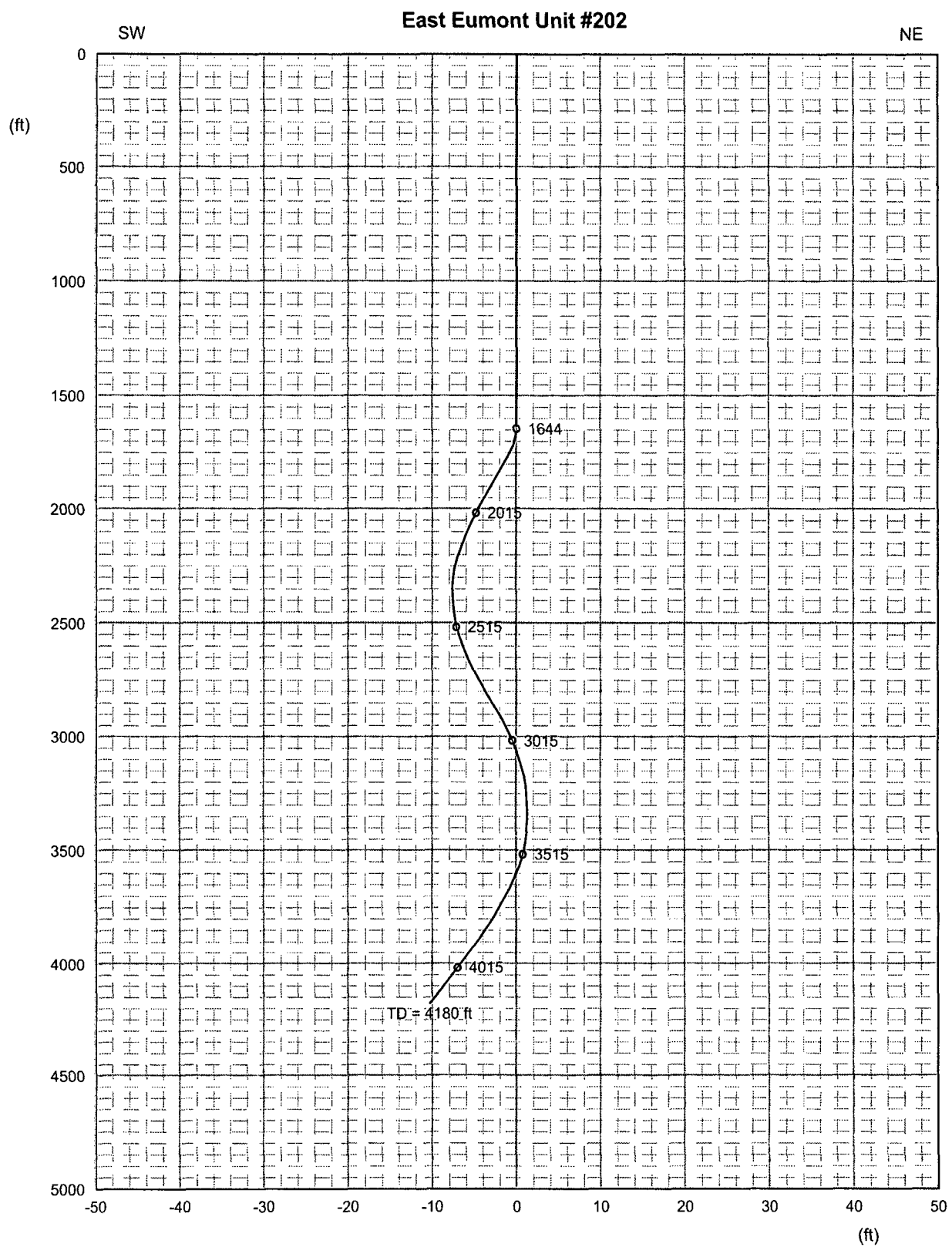
Minimum Curvature Method

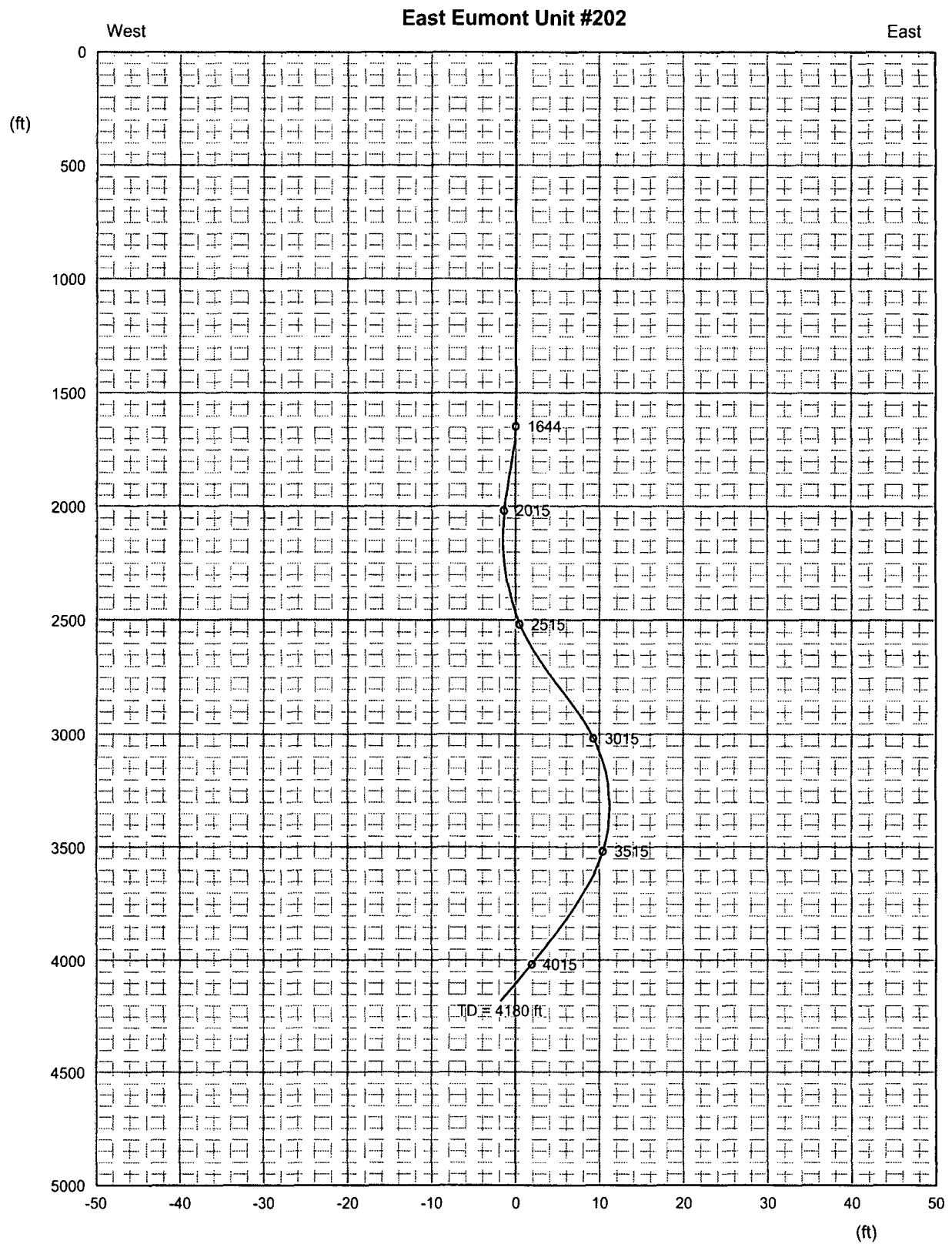
Tie In Location			Bottom Hole Location		
Measured Depth	1644.00	ft	Measured Depth	4180.00	ft
True Vertical Depth	1644.00	ft	True Vertical Depth	4179.69	ft
Distance North	0.00	ft	Distance North	-12.85	ft
Distance East	0.00	ft	Distance East	-1.86	ft
			Closure Distance	12.99	ft
			Closure Direction	188.25	deg



Projection on Vertical Plane

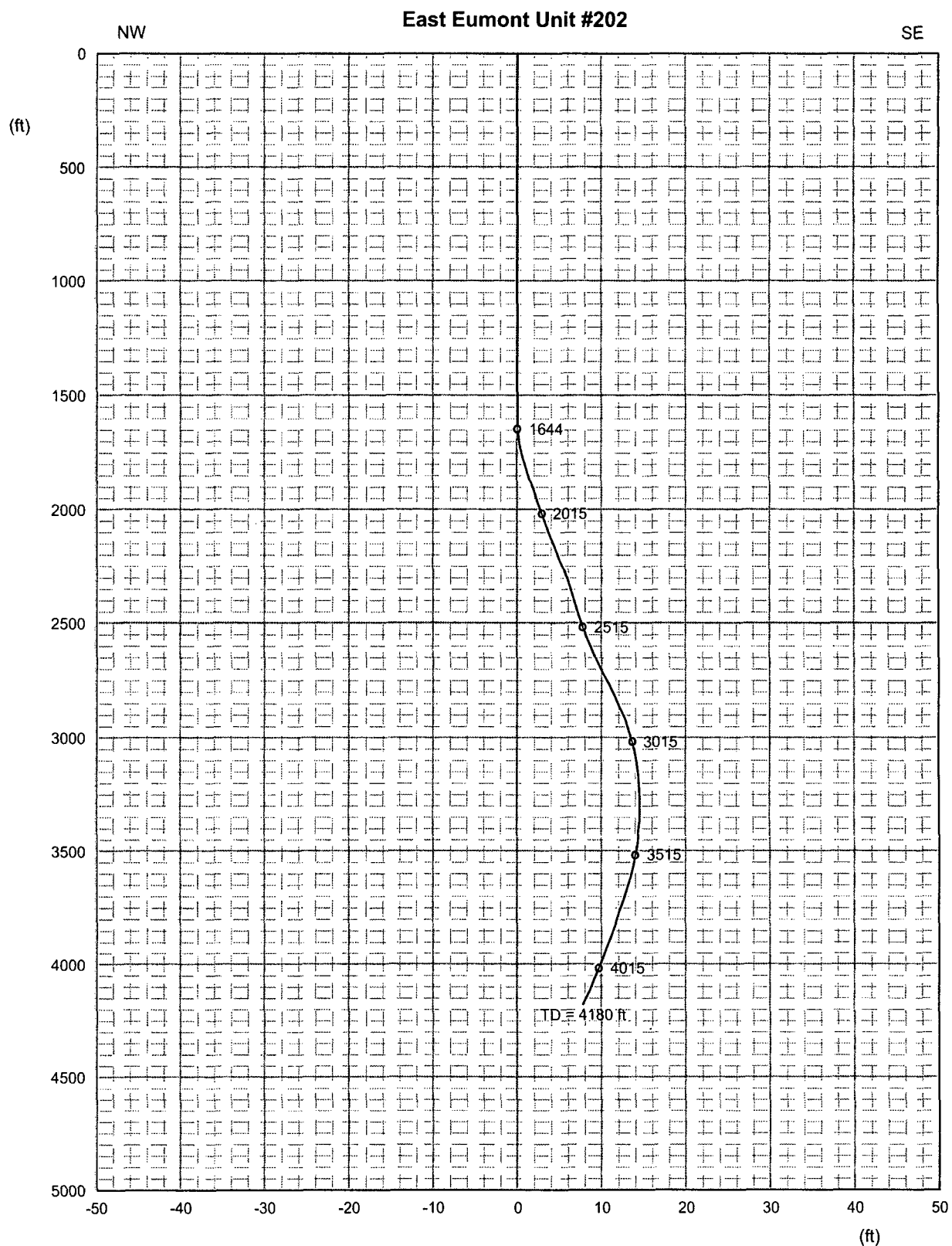
Vertical scale 1 in : 625 , Horizontal scale 1 in : 16 ft





Projection on Vertical Plane

Vertical scale 1 in : 625 , Horizontal scale 1 in : 16 ft



Projection on Vertical Plane

Vertical scale 1 in : 625 , Horizontal scale 1 in : 16 ft

MD (ft)	TVD (ft)	DEVI (deg)	AZIM (deg)	DX (ft)	DY (ft)
0.00	0.00	0.00	0.00	0.00	0.00
1644.00	1644.00	0.00	0.00	0.00	0.00
1715.00	1715.00	0.80	198.73	-0.16	-0.47
1765.00	1764.99	0.92	196.74	-0.39	-1.18
1815.00	1814.99	0.96	194.49	-0.61	-1.97
1865.00	1864.98	0.99	193.13	-0.81	-2.80
1915.00	1914.97	1.06	193.41	-1.01	-3.67
1965.00	1964.96	1.06	192.07	-1.22	-4.57
2015.00	2014.95	1.00	191.13	-1.40	-5.44
2065.00	2064.95	0.92	186.43	-1.53	-6.27
2115.00	2114.94	0.85	181.49	-1.58	-7.04
2165.00	2164.94	0.86	177.77	-1.58	-7.78
2215.00	2214.93	0.74	169.12	-1.50	-8.48
2265.00	2264.93	0.70	163.23	-1.35	-9.08
2315.00	2314.92	0.55	149.63	-1.14	-9.58
2365.00	2364.92	0.49	132.58	-0.86	-9.93
2415.00	2414.92	0.50	120.34	-0.52	-10.19
2465.00	2464.92	0.58	111.11	-0.09	-10.39
2515.00	2514.91	0.67	102.51	0.43	-10.55
2565.00	2564.91	0.80	96.75	1.07	-10.65
2615.00	2614.90	0.91	90.96	1.81	-10.70
2665.00	2664.90	1.04	89.67	2.66	-10.70
2715.00	2714.89	1.13	89.54	3.61	-10.70
2765.00	2764.88	1.18	86.02	4.62	-10.66
2815.00	2814.87	1.21	84.61	5.65	-10.57
2865.00	2864.86	1.20	81.96	6.70	-10.45
2915.00	2914.85	1.10	79.20	7.69	-10.29
2965.00	2964.84	0.88	80.01	8.54	-10.13
3015.00	3014.83	0.78	79.31	9.25	-10.00
3065.00	3064.83	0.63	73.94	9.85	-9.86
3115.00	3114.83	0.54	71.39	10.34	-9.71
3165.00	3164.82	0.39	69.25	10.72	-9.57
3215.00	3214.82	0.21	69.51	10.96	-9.48
3265.00	3264.82	0.12	66.91	11.10	-9.43
3315.00	3314.82	0.03	21.07	11.15	-9.40
3365.00	3364.82	0.11	297.97	11.11	-9.36
3415.00	3414.82	0.19	268.44	10.99	-9.34
3465.00	3464.82	0.33	264.79	10.76	-9.35
3515.00	3514.82	0.49	260.21	10.41	-9.40
3565.00	3564.82	0.64	258.90	9.92	-9.49
3615.00	3614.82	0.78	258.54	9.31	-9.62
3665.00	3664.81	0.90	256.52	8.59	-9.78
3715.00	3714.80	1.00	255.36	7.78	-9.98
3765.00	3764.80	1.08	254.24	6.91	-10.22
3815.00	3814.79	1.13	253.37	5.98	-10.49
MD (ft)	TVD (ft)	DEVI (deg)	AZIM (deg)	DX (ft)	DY (ft)

MD (ft)	TVD (ft)	DEVI (deg)	AZIM (deg)	DX (ft)	DY (ft)
3865.00	3864.78	1.19	252.54	5.01	-10.78
3915.00	3914.76	1.25	252.11	4.00	-11.11
3965.00	3964.75	1.28	252.46	2.94	-11.44
4015.00	4014.74	1.30	252.51	1.87	-11.78
4065.00	4064.73	1.31	253.22	0.78	-12.12
4115.00	4114.71	1.38	254.79	-0.35	-12.44
4165.00	4164.70	1.39	254.84	-1.51	-12.76
4180.00	4179.69	1.39	254.84	-1.86	-12.85
MD (ft)	TVD (ft)	DEVI (deg)	AZIM (deg)	DX (ft)	DY (ft)
COMPANY: Oxy USA WTP LP WELL: East Eumont Unit #202 FIELD: East Eumont STATE: New Mexico COUNTRY: USA Date Logged: 23-Apr-2013 Date Processed: 21-May-2014 Well Location: 1310' FSL & 1410' FWL Elevations: K.B: 3677.2 ft DF: 3676.2 ft GL: 3660 API Number: 30-025-40938 Job Number: DSP-2014-1751					

District I
 1421 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-4161 Fax: (575) 393-6720
 District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1283 Fax: (575) 748-9720
 District III
 1000 Rio Hondo Road, Aztec, NM 87410
 Phone: (505) 334-4173 Fax: (505) 334-4170
 District IV
 7220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3440 Fax: (505) 476-3462

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

API Number 30-025-	Pool Code 22600	Pool Name Eumont Yates TR On (O:1)
Property Code 27941	Property Name EAST EUMONT UNIT	Well Number 202
OGRID No. 192463	Operator Name OXY USA WTP LIMITED PARTNERSHIP	Elevation 3660.7'

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	9	19 SOUTH	37 EAST, N.M.P.M.		1310'	SOUTH	1410'	WEST	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
Dedicated Acres 40	Joint or Infill Y	Consolidation Code	Order No. R-2894						

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.

	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 undivided 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 as a voluntary pooling agreement or a compulsory pooling order. Authorized by the division <i>[Signature]</i> 1/23/13 David Stewart Reg. A.G.U. Printed Name david_stewart@oxy.com E-mail Address
	SURVEYOR CERTIFICATION I hereby certify that the information shown on this plat was obtained from reliable sources and that the same is true and correct to the best of my belief. <i>[Signature]</i> 1/22/2013 Date of Survey Signature and Seal of Professional Surveyor Certificate Number 15079 WO# 120906WL-b (Rev. B) (04)