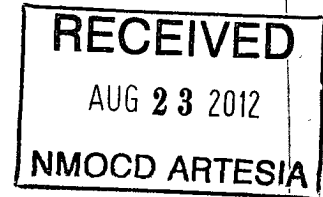


30-025-40199



OCCIDENTAL PERMIAN LTD.

Wildcat (Lea County, NM)

Lea County, NM

Murphy State "35" #1

VH - Job #32K0212193

HOBBS OCD

SEP 05 2012

RECEIVED

Survey: Gyro

SDI Standard Survey Report

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

[Signature]

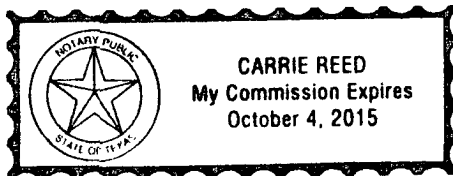
Notarized this date 14th of March, 2012.

[Signature]

Notary Signature

County of Midland

State of Texas



SEP 06 2012

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	OCCIDENTAL PERMIAN LTD	Local Co-ordinate Reference:	Well Murphy State "35" #1
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Murphy State "35" #1	North Reference:	Grid
Wellbore:	VH - Job #32K0212193	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0212193	Database:	EDM-Regulatory

Project		Wildcat (Lea County, NM)	
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:	681,950 01 usft	Latitude:	32° 52' 24 073 N
From:	Lat/Long	Easting:	682,273 60 usft	Longitude:	103° 44' 22 748 W
Position Uncertainty:	0 0 usft	Slot Radius:	0"	Grid Convergence:	0 32 °

Well	Murphy State "35" #1, Vertical					
Well Position	+N/-S	0 0 usft	Northing:	681,950 01 usft	Latitude:	32° 52' 24 073 N
	+E/-W	0 0 usft	Easting:	682,273 60 usft	Longitude:	103° 44' 22 748 W
Position Uncertainty		0 0 usft	Wellhead Elevation:	usft	Ground Level:	0 0 usft

Wellbore						VH - Job #32K0212193					
Magnetics		Model Name		Sample Date		Declination (°)		Dip Angle (°)		Field Strength (nT)	
		IGRF2010		2/18/2012		7 63		60 74		48,947	

Design:	VH - Job #32K0212193			
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	79 51

Survey Program		Date	3/13/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
89 4	2,488 0	Gyro (VH - Job #32K0212193)	Keeper	Keeper Surface Readout	

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 00	0 0	0 0	0 0	0 00	0 0
89 4	0 55	87 83	89 4	0 0	0 4	87 83	0 4
150 2	0 48	56 34	150 2	0 2	0 9	79 76	0 9
240 8	0 42	63 70	240 8	0 5	1 5	71 21	1 6
330 0	0 47	48 07	330 0	0 9	2 1	66 56	2 3
420 9	0 44	59 89	420 9	1 3	2 7	63 53	3 0
509 0	0 33	64 21	509 0	1 6	3 2	63 24	3 6
598 4	0 36	50 29	598 4	1 9	3 7	62 43	4 1
689 6	0 29	52 00	689 6	2 2	4 1	61 16	4 6
779 2	0 29	50 98	779 2	2 5	4 4	60 31	5 1
868 9	0 32	76 70	868 8	2 7	4 8	60 66	5 5
958 5	0 32	76 01	958 5	2 8	5 3	61 94	6 0

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	OCCIDENTAL PERMAN LTD	Local Co-ordinate Reference:	Well Murphy State "35" #1
Project:	Wildcat (Lea County, NM)	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Murphy State "35" #1	North Reference:	Grid
Wellbore:	VH - Job #32K0212193	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0212193	Database:	EDM-Regulatory

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
1,048 1	0 22	104 92	1,048 1	2 9	5 7	63 54	6 4	
1,138 4	0 23	111 74	1,138 4	2 7	6 1	65 69	6 7	
1,228 8	0 09	71 10	1,228 8	2 7	6 3	66 83	6 9	
1,318 0	0 27	150 17	1,318 0	2 5	6 5	68 60	7 0	
1,408 1	0 19	140 20	1,408 0	2 2	6 7	71 46	7 0	
1,498 1	0 42	124 96	1,498 1	1 9	7 0	74 63	7 3	
1,588 2	0 47	85 15	1,588 1	1 8	7 7	76 97	7 9	
1,678 2	0 51	70 46	1,678 2	1 9	8 4	77 02	8 6	
1,768 3	0 63	70 49	1,768 2	2 2	9 3	76 41	9 5	
1,858 3	0 65	70 50	1,858 3	2 6	10 2	75 84	10 5	
1,948 4	0 49	64 08	1,948 3	2 9	11 0	75 21	11 4	
2,038 4	0 45	93 87	2,038 4	3 1	11 7	75 39	12 1	
2,128 5	0 42	68 49	2,128 4	3 2	12 4	75 72	12 8	
2,218 5	0 90	79 28	2,218 4	3 4	13 4	75 73	13 8	
2,308 6	1 23	84 00	2,308 5	3 6	15 1	76 40	15 5	
2,398 6	1 25	91 67	2,398 5	3 7	17 0	77 68	17 4	
2,488 0	1 17	102 27	2,487 9	3 5	18 9	79 51	19 2	



Project: Wildcat (Lea County, NM)
Lea County, NM
Well: Murphy State "35" #1
Wellbore: VH - Job #32K0212193
Design: VH - Job #32K0212193

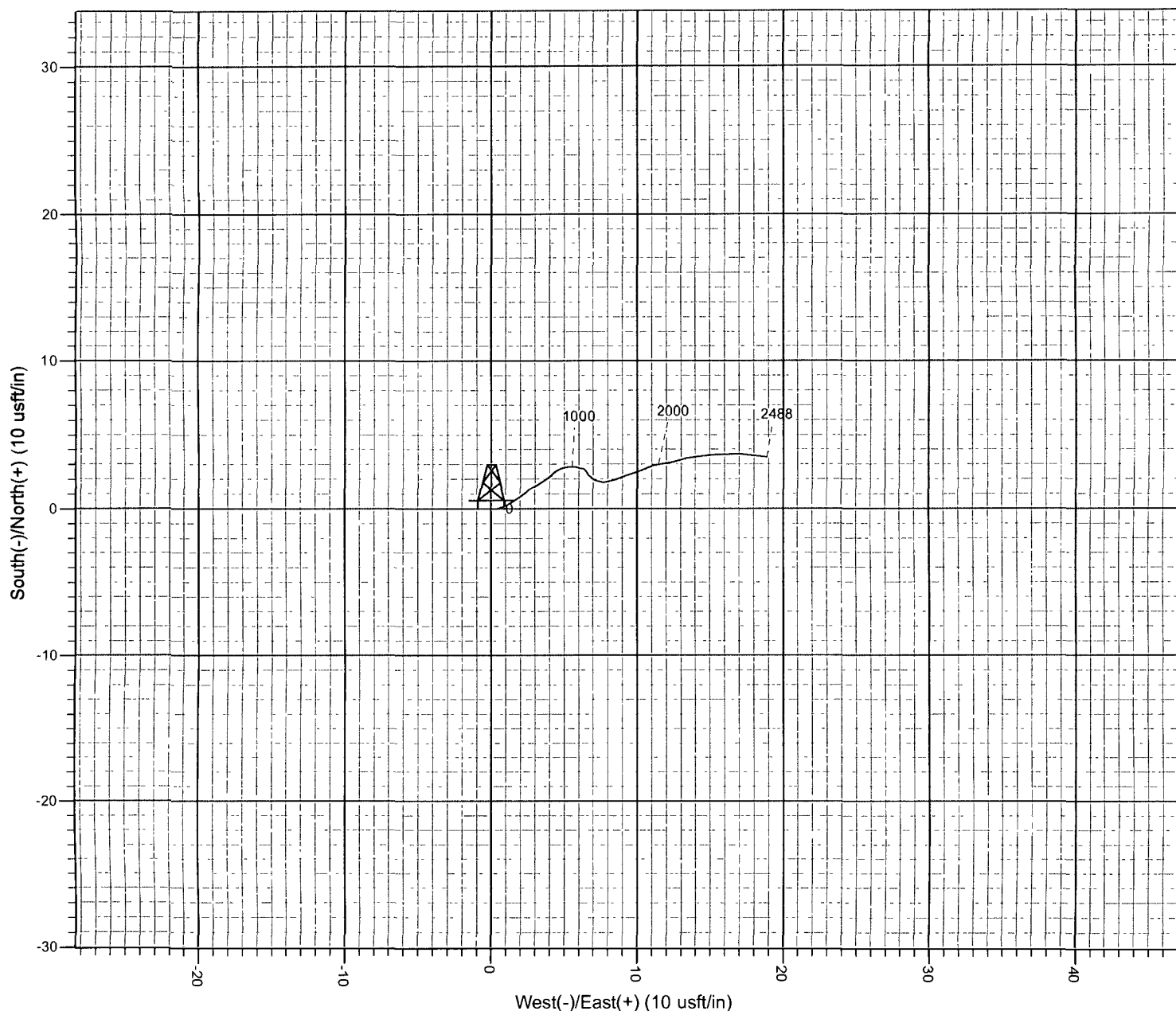


Azimuths to Grid North
True North -0 32°
Magnetic North 7 31°

Magnetic Field
Strength 48946 9snT
Dip Angle 60 74°
Date 2/18/2012
Model IGRF2010

WELL DETAILS: Murphy State "35" #1
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	681950.01	682273.60	32° 52' 24.073 N	103° 44' 22.748 W	



PROJECT DETAILS: Wildcat (Lea County, NM)
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° 52' 24.073 N
Longitude: 103° 44' 22.748 W
Positional Uncertainty: 0 0
Convergence: 0.32
Local North: Grid