

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCT 18 2017

Schlumberger

RECEIVED

30-015-44122

Schlumberger Drilling and Measurements  
Drilling Group  
Geo Market Area: South West Texas Basin  
7220 W I-H 20  
Midland, Texas 79706  
Phone : (432) 742-5400 (Main)  
Fax : (432) 742-5606 (Shared)

Well Reference:  
8, 19S, 29E, Eddy NM  
N 32.67666 W -104.08967

I, Aaron Simon certify that: I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of August 15, 2017 through August 22, 2017, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 356.00 feet to a depth of 18304.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy USA WTP I.P for the Turkey Track 9-10 State 2211 Well (Original Hole) API No. 30-015-44122 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technuology Corporation.

By  
Aaron Simon  
FE



Subscribed and Sworn to before me this 7<sup>th</sup> day of September (month) 2017 (yr)

My Commission expires:

12-20-2020



Notary Public

Adams County Colorado  
(County State)

(signature)

JENNIFER ALLEMAND  
Notary Public  
State of Colorado  
Notary ID # 20164047962  
My Commission Expires 12-20-2020



**H&P 617 (RKB=26.5')**

**OXY**

**Final PVA - Rev2**



**Structure:** Oxy Turkey Track 9-10 State 22H

**Well:** Oxy Turkey Track 9-10 State 22H

**Field:** NM Eddy County (NAD 83)

**Original Borehole**

**Client:** Schlumberger

**Job No:** 040712841

**Date:** 06/29/2017

**Drawn By:** JWS

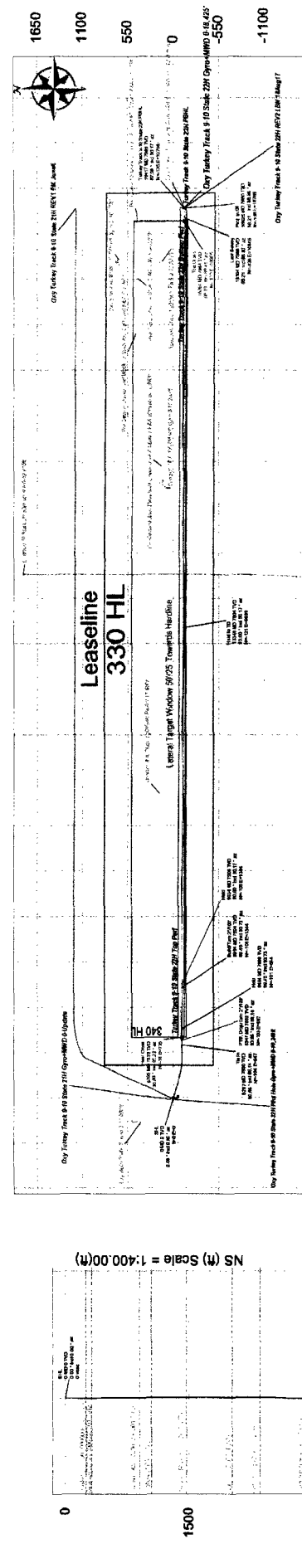
**Checked By:** JWS

**Location:** Well ID: 9-10 State 22H

**Scale:** 1:400.00

**Scale:** 0.888888

**Structure:** Oxy Turkey Track 9-10 State 22H



**Vertical Section (ft) Azim = 90.72° Scale = 1:400.00(ft) Origin = 0N1-S, 0E1W**

ID	INCL	AZIM	Critical Points	TVD	VSEC	H(RSH)	E(YWR)	DLS
300.01	0.32	102.04	TD	330.00	-0.82	-0.84	-0.85	0.25
300.04	0.56	89.26	Top	320.00	-0.82	-0.84	-0.85	0.25
1941.08	0.43	95.98		1943.00	7.97	-4.34	7.92	0.05
2053.17	0.41	344.71		2055.00	9.46	1.15	9.41	0.04
2264.17	0.87	317.90		2266.00	9.94	0.08	9.94	0.17
2500.35	1.54	271.34		2502.00	-0.89	9.19	-0.87	0.21
3000.35	1.98	274.31		3002.00	-0.79	9.35	-0.78	0.19
3216.54	0.48	323.89		3218.00	-1.88	8.94	-1.87	0.14
3416.54	0.30	0.00		3418.00	-28.80	9.94	-28.79	0.69
3600.35	0.05	57.18		3602.00	-0.69	1.00	-0.69	0.13
3800.35	0.06	68.14		3802.00	-10.23	9.94	-10.23	0.00
4000.35	0.86	80.86		4002.00	-101.36	9.94	-101.36	2.00
4200.35	89.45	90.73		4202.00	-134.48	1344.23	-134.48	0.00
4400.35	90.00	90.17		4402.00	-138.85	1388.53	-138.85	2.00
4600.35	90.17	90.17		4602.00	-138.85	1388.53	-138.85	2.00
4800.35	90.17	90.17		4802.00	-138.85	1388.53	-138.85	2.00
5000.35	90.17	90.17		5002.00	-138.85	1388.53	-138.85	2.00
5200.35	90.17	90.17		5202.00	-138.85	1388.53	-138.85	2.00
5400.35	90.17	90.17		5402.00	-138.85	1388.53	-138.85	2.00
5600.35	90.17	90.17		5602.00	-138.85	1388.53	-138.85	2.00
5800.35	90.17	90.17		5802.00	-138.85	1388.53	-138.85	2.00
6000.35	90.17	90.17		6002.00	-138.85	1388.53	-138.85	2.00

**CONTROLLED**

Oxy Turkey Track 9-10 State 22H

**Originator:** DE Sign Off Authority

**Client:** DAM Line Manager

**Date:** 11-Aug-2017





Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S °'")	Longitude (E/W °'")
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Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 \*\*\* 3-D 95.000% Confidence 2.7955 sigma  
 Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/98.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Turkey Track 9-10 State 22H Gyro+MWD 0-18,425'
	1	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Turkey Track 9-10 State 22H Gyro+MWD 0-18,425'
	1	26.500	8167.020	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Turkey Track 9-10 State 22H Gyro+MWD
	1	8167.020	18425.000	Act Stns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Turkey Track 9-10 State 22H Gyro+MWD