

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)
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Schlumberger

30.015-44633

Well Reference:
I, 25S, 29E, Eddy NM
32.16550 103.94100

I, Mahmood Al Sabti certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of March 18, 2018 through April 24, 2018, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 695.00 feet to a depth of 20628.00 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 INC for the Corral Canyon 36-25 Federal Com 23H Well (Original Hole) API No. 3001544633 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 Technology Corporation.

By M.S. M. Sabti
Mahmood Al Sabti
FE

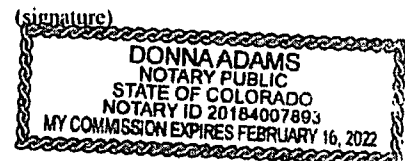
Subscribed and Sworn to before me this 9th day of May (month) 2018 (yr)

My Commission expires:

2-16-2022

D. Adams
Notary Public

Adams County Colorado
(County State)



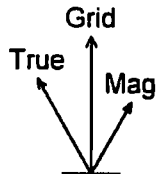
Schlumberger

OXY

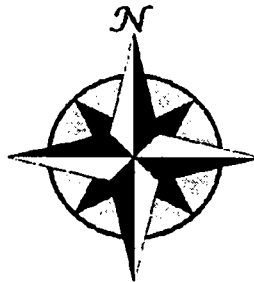


Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Corral Canyon 36-25 Federal Com 23H	NM Eddy County (NAD 83)	Oxy Corral Canyon 36-25 Federal Com 23H

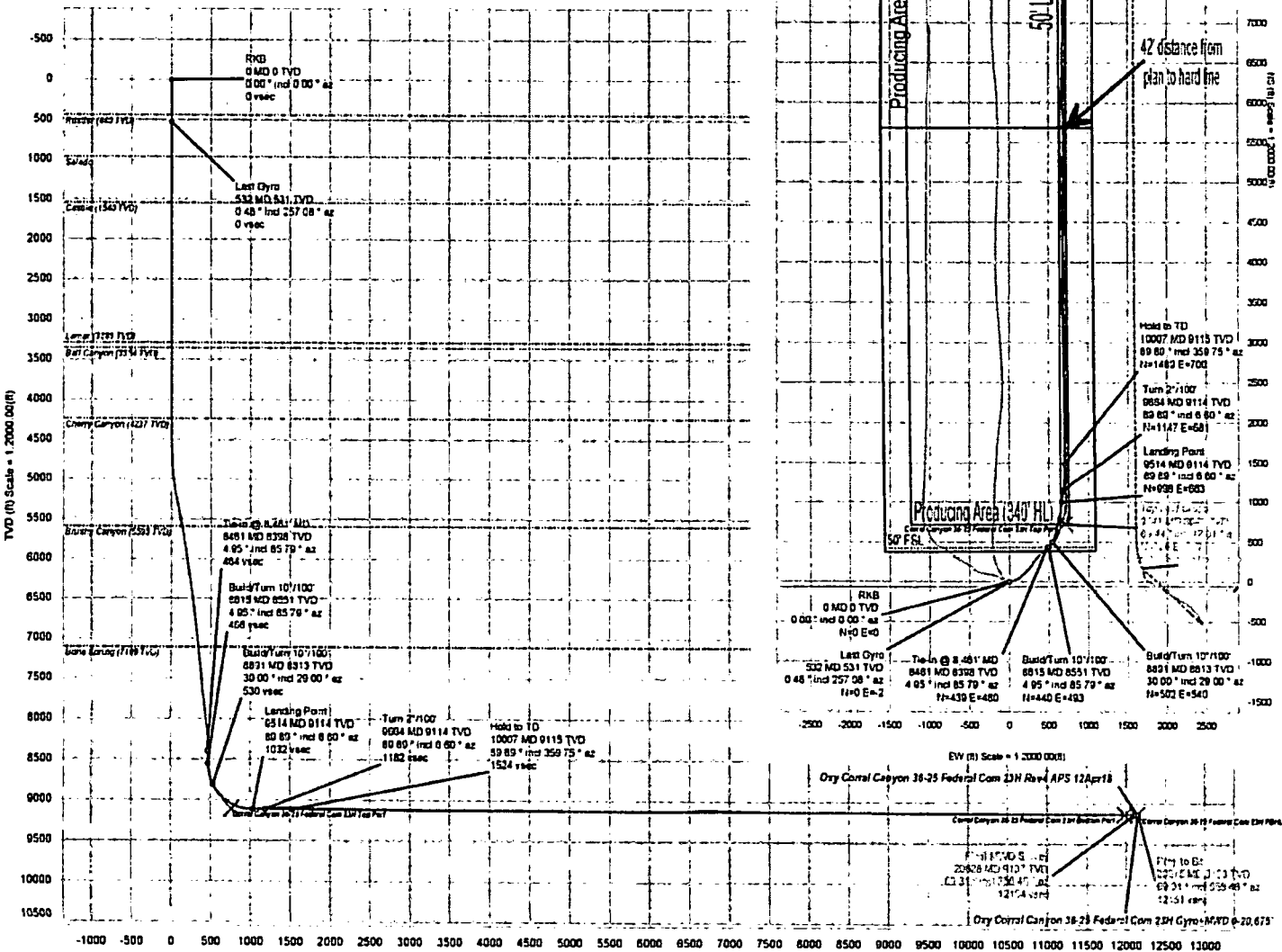
Gravity & Magnetic Parameters		Surface Location		Miscellaneous	
Model: NDCM 5310	Date: 11-Apr-2018	Lat: N 32 0 53.00	Longitude: 107 58 29.50	Well: Dry Corral Canyon 36-25 Federal Com 23H	TYD Ref: RKB=26.5' (121400' above MSL)
Mag Dec: 6.987°	Grid Conv: 0.209°	Altitude: 4214.00 MSL	Grid Zone: 18 QJG	Plan: Dry Corral Canyon 36-25 Federal Com 23H Rev4 APS 12Apr18	



Grid North
Tot Corr (M->G 6.778°)
Mag Dec (6.987°)
Grid Conv (0.209°)



Dry Corral Canyon 36-25 Federal Com 23H Gyro-MWD 0-20.875' Dry Corral Canyon 36-25 Federal Com 23H Rev4 APS 12Apr18



Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VBEC (ft)	NS (ft)	EW (ft)	DLS ("/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	20184.00	90.14	356.16	9137.48	11863.34	11844.70	859.82	1.32	435808.80	683227.41	N 32 11 51.01	W 103 58 21.41
	20373.00	90.27	357.14	9138.80	11851.14	11833.38	848.77	0.52	435997.46	683216.36	N 32 11 52.87	W 103 58 21.53
	20468.00	89.78	358.99	9138.78	11843.62	11828.25	843.91	0.56	436092.32	683211.50	N 32 11 53.81	W 103 58 21.58
	20563.00	89.63	354.52	9137.03	12039.83	12022.98	838.88	2.61	436187.03	683204.47	N 32 11 54.75	W 103 58 21.88
Final MWD	20628.00	89.31	358.46	9137.48	12104.26	12087.78	831.77	3.13	436251.84	683199.36	N 32 11 55.39	W 103 58 21.71
Survey Proj. to Bit	20675.00	89.31	358.46	9138.03	12150.94	12134.68	828.86	0.00	436298.74	683198.48	N 32 11 55.86	W 103 58 21.74

Survey Type: Def Survey

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

Description	Part	MD From (ft)	MD To (ft)	EQU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	28.500	1/88.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 23H Gyro+MWD 0-20.675'
	1	28.500	28.500	Act Sns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 23H Gyro+MWD 0-20.675'
	1	28.500	531.500	Act Sns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 23H
	1	531.500	20675.000	Act Sns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 23H