Final PvA - Rev1

H&P Rig (RKB=26.5')

Schlumberger

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OXY

MAY 0 2 2019

DISTRICT II-ARTESIA O.C.D.

Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Iridium MDP1 28-21 Federal Com 4H	NM-Eddy County (NAD 83)	Oxy Iridium MDP1 28-21 Federal Com 4H

Gravity & Magnetic Parameters

Model:	IFR1	Dip:	59.992°	Date:	22-Feb-2019
MagDec:	6.844°	FS:	48000.2nT	Gravity FS:	998.45mgn (9.80665 Based)

Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

Lat:	N 32 16 2.99	Northing:	461484.46ftUS	Grid Conv:	0.2937°
Lon:	W 103 46 59.83	Easting:	711349.99ftUS	Scale Fact:	0.99994219

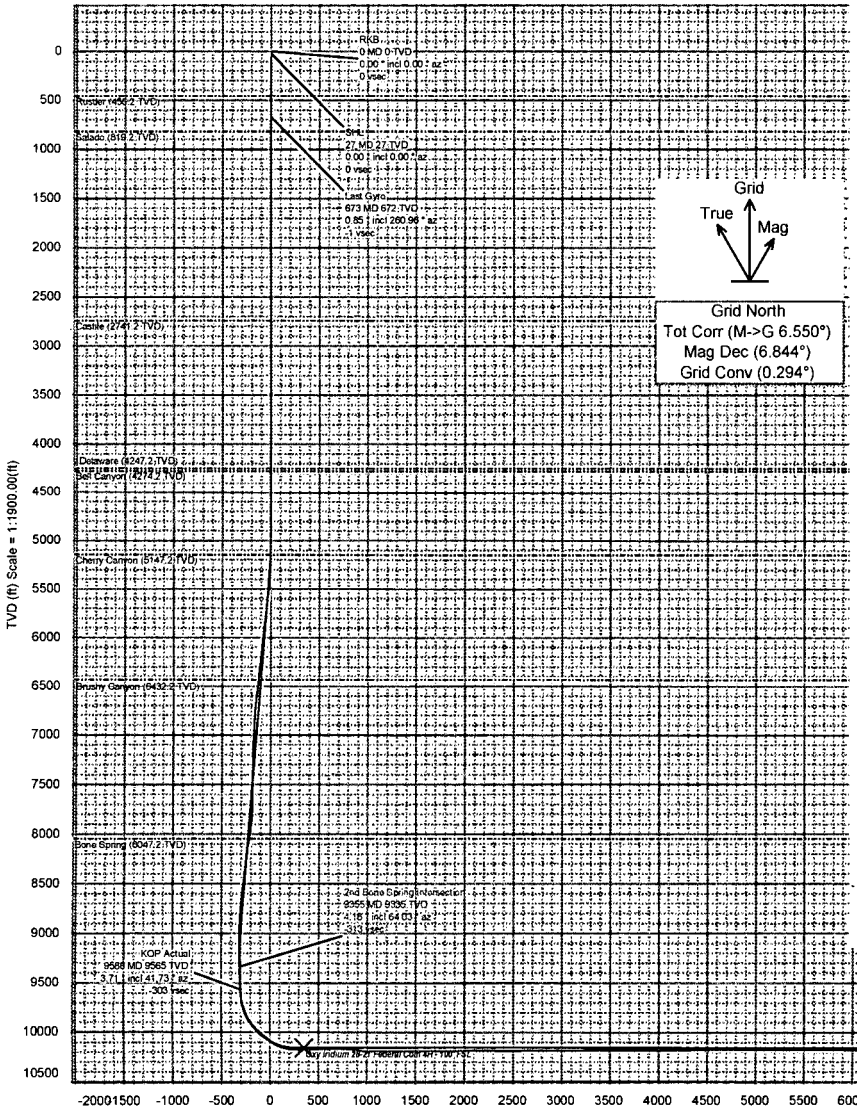
Miscellaneous

Slot: Oxy Iridium MDP1 28-21 Federal Com 4H — TVD Ref: RKB=26.5'(3413.2ft above MSL)

Plan: Oxy Iridium MDP1 28-21 Federal Com 4H Gyro + IFR 0-21036'MD

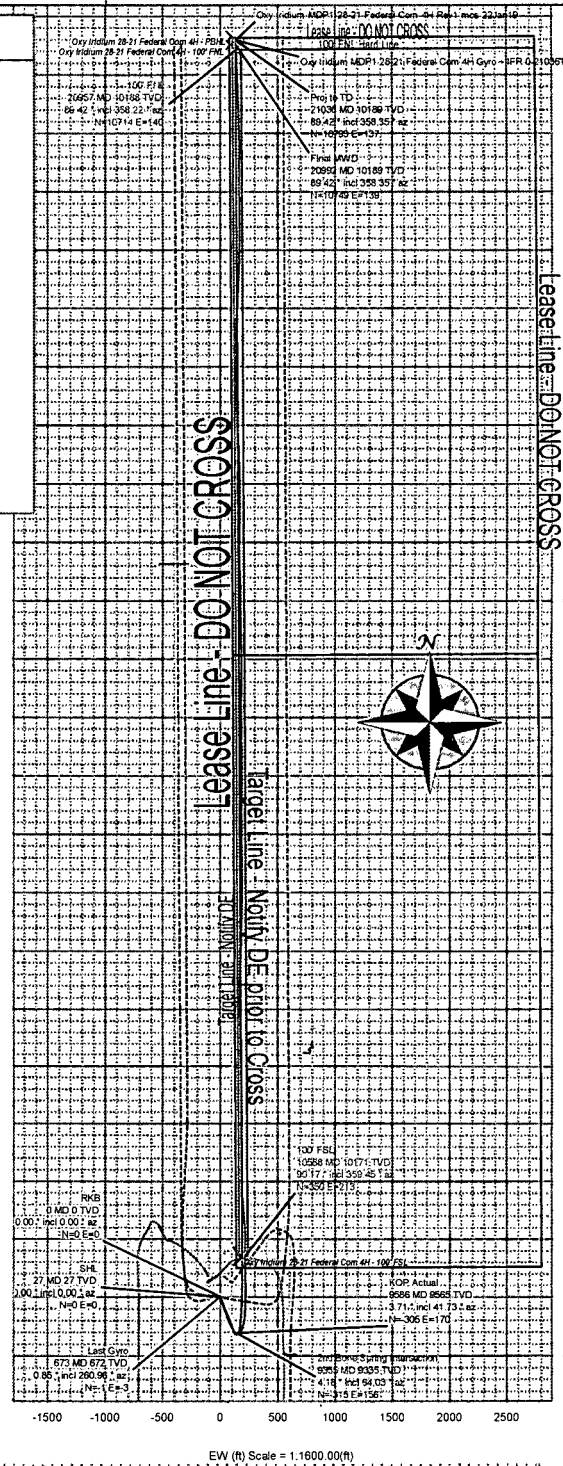
Critical Points

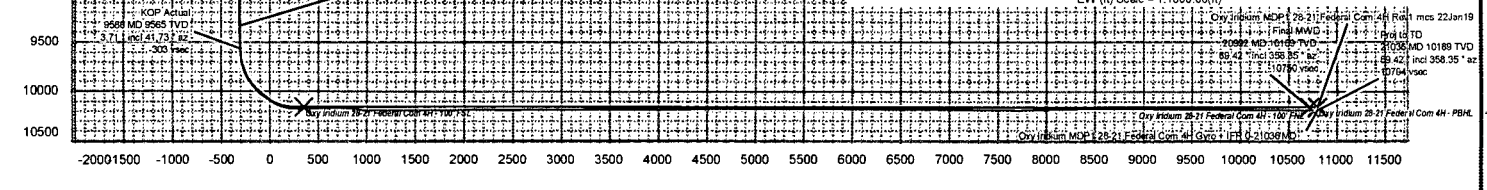
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
RKB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00
Last Gyro	672.50	0.85	260.96	672.48	-1.10	-1.07	-2.84	0.28
2nd Bone Spring Intersection	9355.29	4.18	64.03	9335.00	-313.46	-315.37	156.20	1.05
KOP Actual	9586.00	3.71	41.73	9565.08	-303.17	-305.25	169.74	0.88
100' FSL	10587.50	90.17	359.45	10170.73	352.45	349.90	212.90	4.48
100' FNL	20957.00	89.42	358.22	10188.34	10714.72	10713.82	139.71	0.36
Final MWD	20992.00	89.42	358.35	10188.69	10749.69	10748.80	138.66	0.36
Proj to TD	21036.00	89.42	358.35	10189.14	10793.65	10792.78	137.39	0.00



Grid
True
Mag

Grid North
Tot Corr (M->G 6.550°)
Mag Dec (6.844°)
Grid Conv (0.294°)





Vertical Section (ft) Azim = 0.69° Scale = 1:1900.00(ft) Origin = 0N/-S, 0E/-W