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District II
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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
(As-Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45333	Pool Code 98236	Pool Name Wildcat Wolfcamp
Property Code 321632	Property Name IRIDIUM MDP1 "28-21" FEDERAL COM	
OGRID No. 16696	Operator Name OXY USA INC.	Well Number 175H
		Elevation 3403.1'

Surface Location

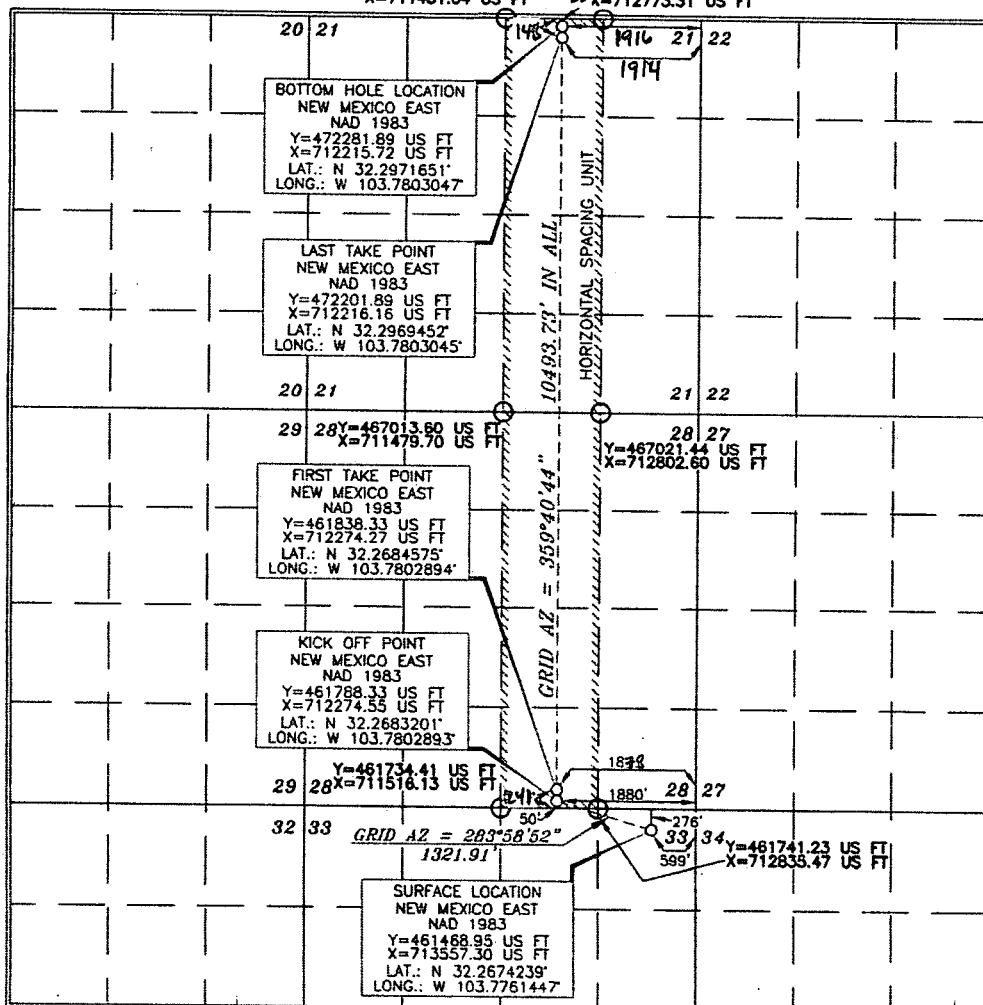
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	23 SOUTH	31 EAST, N.M.P.M.		276'	NORTH	599'	EAST	EDDY

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
B	21	23 SOUTH	31 EAST, N.M.P.M.		28' 26'	NORTH	1880' 1916'	EAST	EDDY
Dedicated Acres 320		Joint or Infill	Consolidation Code	Order No. FTP-241 FSL 1878 FEL (O, Sec. 28) LTP-148 FNL 1914 FEL (B, Sec. 21)					

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.

Y=472297.71 US FT
X=711431.04 US FT
Y=472304.94 US FT
X=712773.31 US FT



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 unleased 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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature: *[Signature]* Date: **1/21/20**
Printed Name: **Jana Mendiola**
E-mail Address: **janamendiola@oxy.com**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature: *[Signature]* Date of Survey: **JANUARY 31, 2018**
Professional Surveyor: **15079**

Signature: *[Signature]* Date: **1/4/2019**
Certificate Number: **15079**

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EMNRD-OCD ARTESIAIntent ☐ As Drilled ☒API #
30-015-45333

Operator Name: OXY USA INC.	Property Name: IRIDIUM MDP1 28-21 FEDERAL COM	Well Number 175H
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Kick Off Point (KOP)

UL O	Section 28	Township 23S	Range 31E	Lot	Feet 24	From N/S S	Feet 1757	From E/W E	County EDDY
Latitude 32.26662					Longitude -103.77989				NAD NAD83

First Take Point (FTP)

UL O	Section 28	Township 23S	Range 31E	Lot	Feet 241	From N/S S	Feet 1878	From E/W E	County EDDY
Latitude 32.26886					Longitude -103.78028				NAD NAD83

Last Take Point (LTP)

UL B	Section 21	Township 23S	Range 31E	Lot	Feet 148	From N/S N	Feet 1914	From E/W E	County EDDY
Latitude 32.29683					Longitude -103.78022				NAD NAD83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #	Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Schlumberger

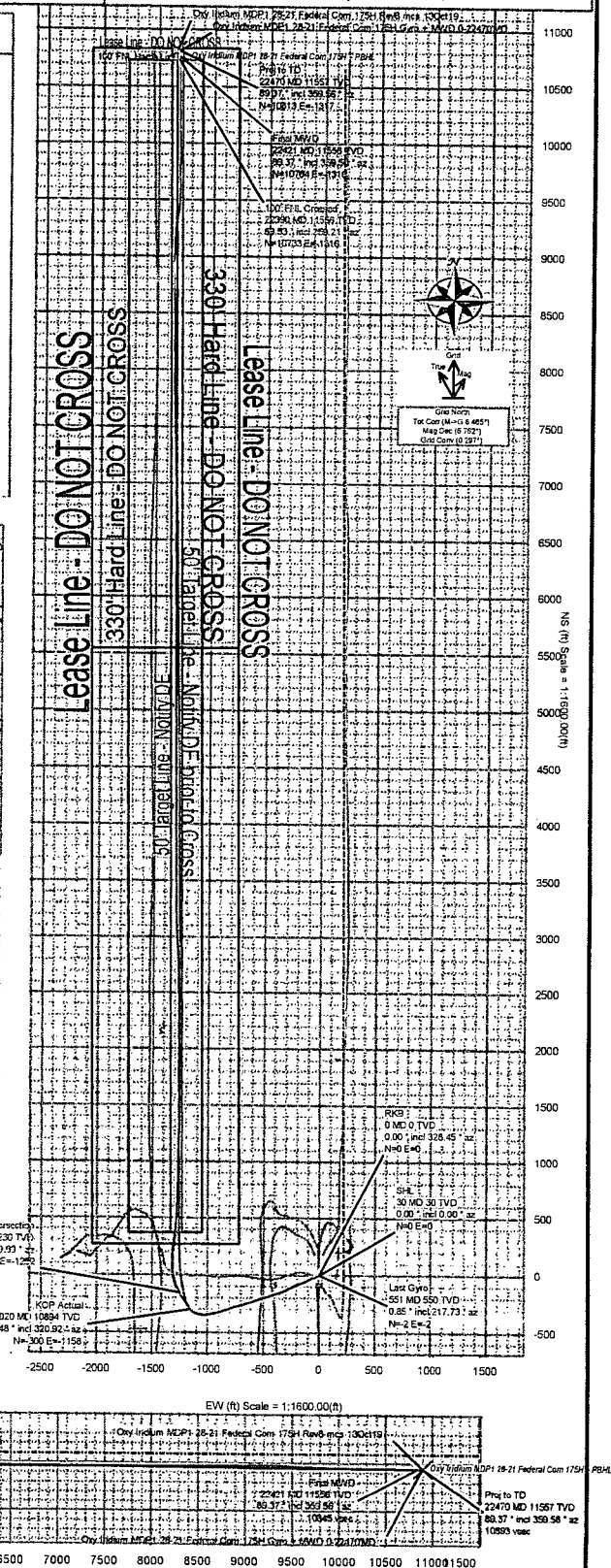
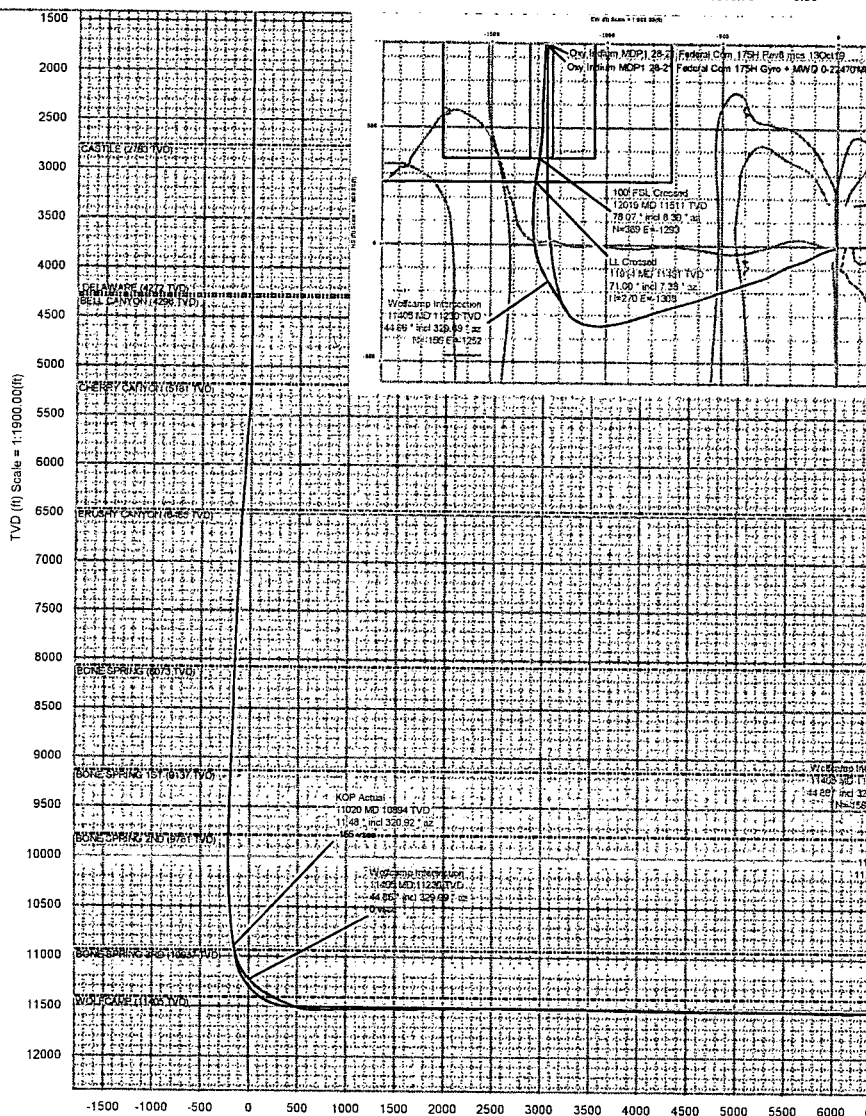
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Iridium MDP1 28-21 Federal Com 175H	NM Eddy County (NAD 83)	Oxy Iridium MDP1 28-21 Federal Com 175H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Clip:	59.944	Date:	04-Oct-2019	Lat:	N 32 16 2.73	Northings:	461468.95NUS	Grid Conv:	0.2975
MagDec:	8.762°	FS:	47934.3nT	Gravity FS:	998.443mgm (9.80665 Based)	Lon:	W 103 46 34.12	Easting:	713567.1HUS	Scale Fact:	0.9994306
								Oxy Iridium MDP1 28-21 Federal Com 175H			
								TVD Ref: RKB=30(343.1ft above MSL)			
								Plan: Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470' MD			

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
RKB	0.00	0.00	328.45	0.00	0.00	0.00	0.00	
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	
Last Gyro	550.50	0.85	217.73	550.48	-1.30	-1.54	-1.85	0.54
KOP Actual	11020.00	11.48	320.92	10894.13	-155.20	-300.05	-1157.78	2.52
Wolfcamp Intersection	11405.00	44.86	329.69	11230.10	-0.19	-155.51	-1251.77	8.12
LL Crossed	11914.00	71.00	7.38	11480.73	428.95	269.90	-1308.34	3.87
100' FSL Crossed	12019.00	78.07	8.39	11511.02	525.70	369.24	-1293.41	12.99
100' FNL Crossed	22390.00	89.53	359.21	11556.00	10813.86	10733.49	-1316.05	1.24
Final MWD	22421.00	89.37	359.56	11556.30	10844.66	10764.49	-1316.38	1.24
Proj to TD	22470.00	89.37	359.56	11556.84	10893.33	10813.48	-1316.76	0.00



Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (*/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
	16323.00	89.90	359.11	11527.52	4793.30	4670.96	-1282.20	0.14	466139.63	712275.17	N 32 16 49.01	W 103 46 48.77
	16512.00	89.92	359.31	11527.81	4981.16	4859.94	-1284.81	0.11	466328.60	712272.57	N 32 16 50.88	W 103 46 48.79
	16607.00	90.15	358.89	11527.76	5075.61	4954.93	-1286.30	0.50	466423.59	712271.08	N 32 16 51.82	W 103 46 48.80
	16701.00	89.99	358.36	11527.64	5169.14	5048.90	-1288.56	0.59	466517.55	712268.82	N 32 16 52.75	W 103 46 48.82
	16796.00	90.00	359.65	11527.65	5263.61	5143.88	-1290.21	1.36	466612.53	712267.17	N 32 16 53.89	W 103 46 48.84
	16890.00	90.02	358.82	11527.63	5357.04	5237.88	-1291.46	0.88	466706.52	712265.92	N 32 16 54.82	W 103 46 48.85
	16985.00	89.48	358.41	11528.05	5451.57	5332.85	-1293.76	0.71	466801.48	712263.62	N 32 16 55.56	W 103 46 48.87
	17080.00	89.88	359.25	11528.74	5546.06	5427.82	-1295.70	0.91	466896.45	712261.68	N 32 16 56.50	W 103 46 48.88
	17174.00	89.22	358.97	11529.85	5639.51	5521.81	-1297.16	0.57	466990.43	712260.22	N 32 16 57.43	W 103 46 48.90
	17363.00	89.36	358.78	11531.99	5827.48	5710.76	-1300.87	0.12	467179.37	712258.51	N 32 16 59.30	W 103 46 48.93
	17458.00	89.38	359.07	11533.03	5921.95	5805.73	-1302.65	0.31	467274.34	712254.73	N 32 17 0.24	W 103 46 48.94
	17553.00	89.40	359.02	11534.04	6016.41	5900.71	-1304.23	0.06	467369.32	712253.14	N 32 17 1.18	W 103 46 48.96
	17647.00	89.39	359.35	11535.04	6109.84	5994.70	-1305.57	0.35	467463.30	712251.81	N 32 17 2.11	W 103 46 48.97
	17742.00	90.74	359.92	11534.93	6204.19	6089.69	-1306.17	1.54	467558.29	712251.20	N 32 17 3.05	W 103 46 48.97
	17836.00	89.69	359.06	11534.58	6297.57	6183.69	-1307.01	1.44	467652.27	712250.37	N 32 17 3.98	W 103 46 48.97
	17931.00	89.65	359.16	11535.12	6392.01	6278.68	-1308.49	0.11	467747.26	712248.89	N 32 17 4.92	W 103 46 48.98
	18025.00	89.76	358.44	11535.61	6485.52	6372.65	-1310.46	0.77	467841.23	712246.92	N 32 17 5.85	W 103 46 49.00
	18120.00	89.73	359.41	11536.03	6580.00	6467.63	-1312.24	1.02	467936.20	712245.14	N 32 17 6.79	W 103 46 49.02
	18214.00	90.13	359.65	11536.14	6673.37	6561.83	-1313.01	0.50	468030.19	712244.37	N 32 17 7.72	W 103 46 49.02
	18309.00	90.02	358.87	11536.02	6767.79	6656.82	-1314.24	0.83	468125.18	712243.14	N 32 17 8.66	W 103 46 49.03
	18498.00	90.06	358.60	11535.89	6855.82	6745.58	-1315.41	0.14	468214.12	712238.97	N 32 17 10.53	W 103 46 49.06
	18593.00	90.33	358.93	11535.56	7050.33	6940.55	-1320.46	0.45	468409.09	712236.92	N 32 17 11.47	W 103 46 49.08
	18687.00	90.52	358.06	11534.87	7143.80	7034.54	-1322.10	0.24	468503.07	712235.27	N 32 17 12.40	W 103 46 49.10
	18782.00	89.84	359.01	11534.04	7238.29	7129.52	-1323.99	0.83	468598.05	712233.39	N 32 17 13.34	W 103 46 49.11
	18876.00	90.81	359.11	11532.91	7331.79	7223.49	-1325.89	1.09	468692.02	712231.49	N 32 17 14.27	W 103 46 49.13
	18971.00	90.55	358.15	11532.48	7426.23	7318.47	-1327.45	0.29	468786.99	712229.93	N 32 17 15.21	W 103 46 49.14
	19065.00	89.97	358.98	11532.17	7519.77	7412.44	-1329.69	1.19	468880.96	712227.68	N 32 17 16.14	W 103 46 49.16
	19159.00	90.41	358.09	11532.95	7613.31	7506.41	-1332.05	1.00	468974.92	712225.33	N 32 17 17.07	W 103 46 49.18
	19349.00	89.12	358.09	11533.69	7702.39	7596.34	-1336.91	0.82	469164.84	712220.47	N 32 17 18.95	W 103 46 49.23
	19538.00	90.43	358.18	11532.07	7802.39	7686.34	-1339.63	1.34	469353.79	712217.75	N 32 17 20.82	W 103 46 49.25
	19728.00	90.55	358.18	11532.07	7902.39	7786.31	-1340.56	0.57	469543.77	712216.82	N 32 17 22.70	W 103 46 49.25
	19917.00	91.38	358.21	11528.88	8015.30	7876.31	-1341.20	0.79	469732.73	712216.18	N 32 17 24.57	W 103 46 49.24
	20106.00	89.23	358.21	11527.88	8128.32	7966.34	-1343.44	1.64	469921.68	712213.94	N 32 17 26.44	W 103 46 49.26
	20294.00	90.57	358.42	11528.21	8231.32	8056.34	-1345.68	0.72	470109.58	712208.41	N 32 17 28.30	W 103 46 49.31
	20389.00	89.97	357.56	11527.76	8334.32	8146.34	-1347.92	1.10	470298.41	712205.61	N 32 17 29.24	W 103 46 49.35
	20578.00	91.25	358.42	11525.75	8437.32	8236.34	-1350.16	1.83	470487.26	712202.32	N 32 17 31.11	W 103 46 49.37
	20673.00	90.96	358.42	11523.91	8540.32	8326.34	-1352.40	2.76	470676.11	712198.35	N 32 17 33.05	W 103 46 49.32
	20768.00	90.51	357.56	11522.69	8643.32	8416.34	-1354.64	1.82	470865.26	712194.34	N 32 17 34.99	W 103 46 49.27
	20958.00	87.81	357.56	11521.47	8746.32	8506.34	-1356.88	2.81	471054.11	712190.33	N 32 17 36.93	W 103 46 49.10
	21052.00	84.59	357.56	11520.25	8849.32	8596.34	-1359.12	4.35	471243.11	712186.32	N 32 17 38.87	W 103 46 48.95
	21241.00	89.89	357.56	11519.03	8952.32	8686.34	-1361.36	4.81	471432.11	712182.31	N 32 17 40.81	W 103 46 48.74
	21336.00	87.79	357.56	11517.81	9055.32	8776.34	-1363.60	4.75	471621.11	712178.30	N 32 17 42.75	W 103 46 48.70
	21525.00	89.55	357.56	11516.59	9158.32	8866.34	-1365.84	3.87	471810.11	712174.29	N 32 17 44.69	W 103 46 48.68
	21620.00	89.32	357.56	11515.37	9261.32	8956.34	-1368.08	1.54	472000.11	712170.28	N 32 17 46.63	W 103 46 48.73
	21809.00	89.43	357.56	11514.15	9364.32	9046.34	-1370.32	1.11	472189.11	712166.27	N 32 17 48.57	W 103 46 48.74
	21903.00	89.22	357.56	11512.93	9467.32	9136.34	-1372.56	0.50	472378.11	712162.26	N 32 17 50.51	W 103 46 48.75
	21998.00	89.48	357.56	11511.71	9570.32	9226.34	-1374.80	0.14	472567.11	712158.25	N 32 17 52.45	W 103 46 48.78
	22187.00	89.43	357.56	11510.49	9673.32	9316.34	-1377.04	0.26	472756.11	712154.24	N 32 17 54.39	W 103 46 48.79
	22281.00	89.40	357.56	11509.27	9776.32	9406.34	-1379.28	0.26	472945.11	712150.23	N 32 17 56.33	W 103 46 48.80
	22375.00	89.61	357.56	11508.05	9879.32	9496.34	-1381.52	1.24	473134.11	712146.22	N 32 17 58.27	W 103 46 48.80
100' FNL	22390.00	89.53	357.56	11506.83	9982.32	9586.34	-1383.76	1.24	473323.11	712142.21	N 32 17 60.21	W 103 46 48.81
Crossed	22421.00	89.37	357.56	11505.61	10085.32	9676.34	-1386.00	0.00	473512.11	712138.20	N 32 17 62.15	W 103 46 48.81
Final MWD	22470.00	89.37	357.56	11504.39	10188.32	9766.34	-1388.24	0.00	473701.11	712134.19	N 32 17 64.09	W 103 46 48.81
Proj to TD												

Survey Type: Def Survey

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

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	30.000	1/98.425	30.000	30.000	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Iridium
	1	30.000	30.000	Act Stns	30.000	30.000	GYD_GC+DROP+OH-Depth Only	MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	30.000	550.500	Act Stns	30.000	30.000	GYD_GC+DROP+OH	Original Borehole / Oxy Iridium
	1	550.500	11020.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS	MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	11020.000	12166.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	Original Borehole / Oxy Iridium
	1	12166.000	22470.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS	MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD