

Reservoir Development
Schlumberger Drilling and Measurements
9200 West Reno Avenue
Oklahoma City, Oklahoma 73127 USA
Phone: (405) 789-1515
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Schlumberger

Well Reference:
22, 24S, 29E, Eddy NM
-32.20720 -103.96706

Oxy - Cedar Canyon 22-15 2nd Com 34H
30-015-44055

I, Kalu Uga certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of March 18, 2017 through March 31, 2017, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 684.00 feet to a depth of 16058.00 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 Cedar Canyon "22-15" Federal Com 34H Well (Original Hole) API No. 30-015-44055 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
Kalu Uga
FS

Subscribed and Sworn to before me this 3rd day of April (month) 2017 (yr)

My Commission expires:

12-20-2020
J. Allemand
Notary Public
Blaine Co, Colorado
(County State)

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

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 26 2017

RECEIVED

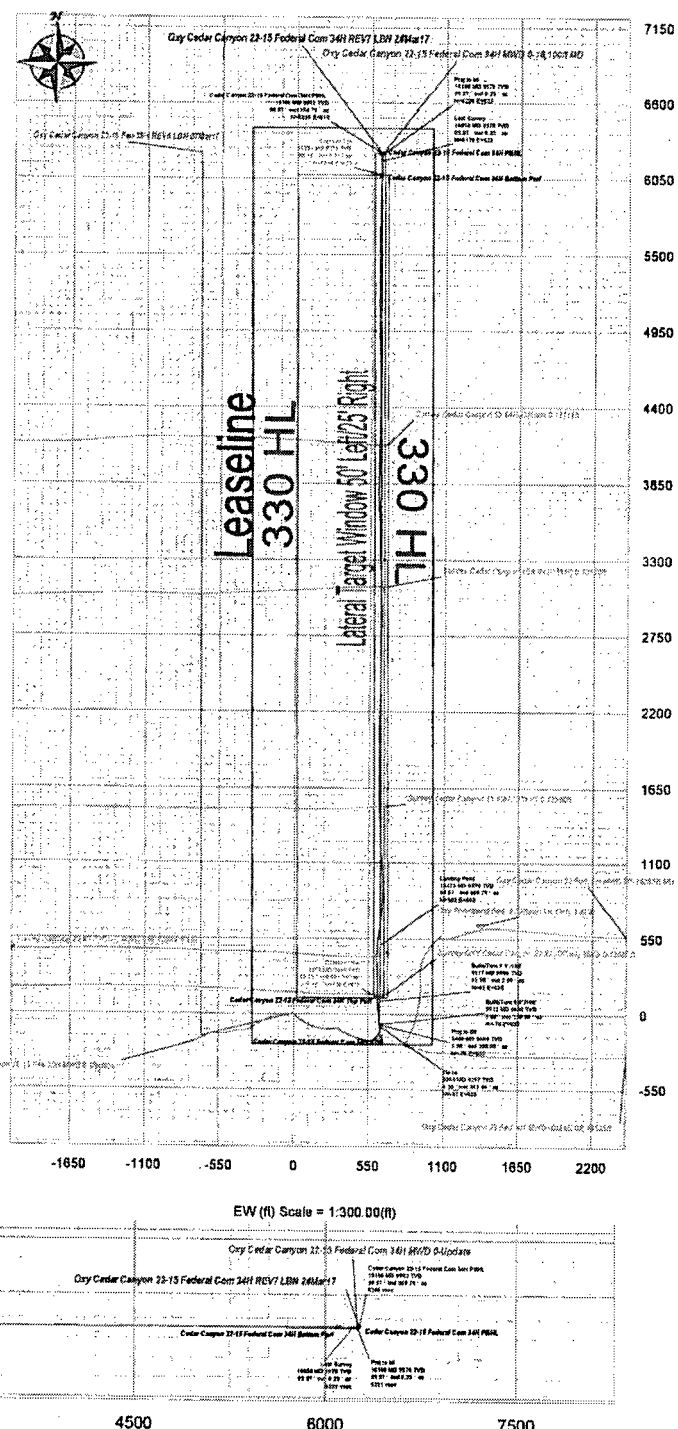
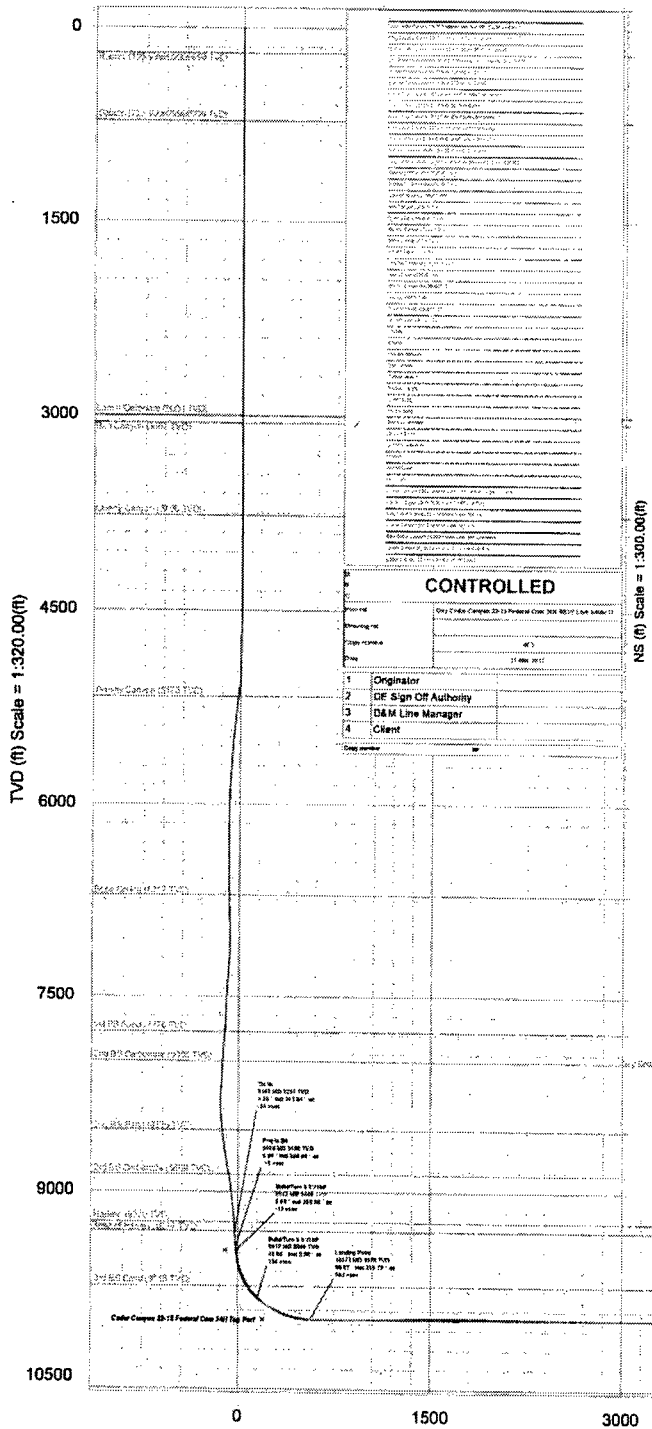
Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Cedar Canyon 22-16 Federal Com 34H	NM Eddy County (NAD 83)	Oxy Cedar Canyon 22-16 Federal Com 34H

Geology & Magnetic Parameters	Surface Location	Structure
Model: N20M 2016 MagDec: 7.149°	Lat: N 32 12 25.82 Long: W 103 58 1.40	Structure: Oxy Cedar Canyon 22-16 Federal Com 34H Blk: 22-16 Federal Plan: 6073461 Cedar Canyon 22-16 Federal Com 34H REV7 LBN 24Mar17

Critical Points												
Comments	Survey MD (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	VS (ft)	IS (ft)	EW (ft)	Latitude (deg)	Longitude (deg)	Easting (ft)	Northing (ft)	DLS (ft/100ft)
Tie In	9369.00	4.35	343.04	9297.39	-23.98	-87.14	635.12	N 32 12 25.034	W 103 57 54.013	665268.50	439219.19	0.29
Proj to Bit	9480.00	5.00	350.00	9408.02	-15.44	-78.35	633.05	N 32 12 25.122	W 103 57 54.036	665256.43	439227.98	0.78
Build/Turn 9.9°/100'	9512.00	5.00	350.00	9439.89	-12.76	-75.60	632.56	N 32 12 25.149	W 103 57 54.042	665255.94	439230.73	0.00
3rd BS Sand	9807.04	34.09	1.46	9715.00	84.20	21.85	632.43	N 32 12 26.113	W 103 57 54.039	665255.81	439328.17	2.03
Build/Turn 9.9°/100'	9917.25	45.00	2.00	9799.85	154.11	91.88	634.58	N 32 12 26.806	W 103 57 54.012	665257.96	439398.20	9.90
Landing Point	10372.95	90.07	359.79	9969.54	562.89	502.17	639.64	N 32 12 30.866	W 103 57 53.936	665263.02	439808.45	9.90
Cedar Canyon 22-16 Federal Com 34H PBL	16105.76	90.07	359.79	9962.35	6265.57	6234.94	618.81	N 32 13 27.593	W 103 57 53.950	665242.19	445540.77	0.00



Grid North
Tot Corr (M-G 6.954°)
Mag Dec (7.149°)
Grid Conv (0.195°)



Oxy Cedar Canyon 22-15 Federal Com 34H Gyro+ MWD 0-16,100ft MD

Survey Geodetic Report

(Def Survey)



Report Date: April 07, 2017 - 09:42 AM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Cedar Canyon 22-15 Federal Com 34H / Oxy Cedar Canyon 22-15 Federal Com 34H
 Well: Oxy Cedar Canyon 22-15 Federal Com 34H
 Borehole: Original Borehole
 UWI / API#: Unknown / Unknown
 Survey Name: Oxy Cedar Canyon 22-15 Federal Com 34H Gyro+ MWD 0-16,100ft MD
 Survey Date: March 01, 2017
 Tort / AHD / DDI / ERD Ratio: 276 843 / 7118.095 ft / 5.507 / 0.714
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 12' 25.918" W 103° 58' 1.40079"
 Location Grid N/E Y/X: N 439306 320 HUS, E 654623 430 HUS
 CRB Grid Convergence Angle: 0.1952°
 Grid Scale Factor: 0.99992379
 Version / Patch: 2.10.254.0

Survey / DLS Computations: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 5.668° (Grid North)
 Vertical Section Origin: 0.000 ft 0.000 ft
 TVD Reference Datum: RKB=26.5
 TVD Reference Elevation: 2962.100 ft above MSL
 Seabed / Ground Elevation: 2935.600 ft above MSL
 Magnetic Declination: 7.155°
 Total Gravity Field Strength: 998.4697 mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 49155.059 nT
 Magnetic Dip Angle: 60.051°
 Declination Date: March 01, 2017
 Magnetic Declination Model: HDGM 2013
 North Reference: Grid North
 Grid Convergence Used: 0.1952°
 Total Corr Mag North-to-Grid: 6.9603°
 Local Coord Referenced To: Well Head

Comments	Tool Type	MD (ft)	Measured Incl (°)	Measured Azim (°)	Incl (°)	Azim Grid (°)	TVD (ft)	VBEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (HUB)	Easting (HUS)	Latitude (NAD 83)	Longitude (W 103 58 1.40)
SHL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	INCL_ONLY	26.50	0.00	0.00	0.00	0.00	26.50	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
		502.00	0.07	225.01	0.06	0.00	502.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
		694.00	0.08	194.74	0.08	194.74	694.00	-0.13	-0.12	-0.03	0.00	439306.22	654623.40	N 32 12 25.92	W 103 58 1.40
		775.00	0.08	209.05	0.08	209.05	775.00	-0.25	-0.24	-0.08	0.02	439306.05	654623.35	N 32 12 25.92	W 103 58 1.40
		855.00	0.08	315.27	0.08	315.27	855.00	-0.26	-0.25	-0.15	0.14	439306.07	654623.28	N 32 12 25.92	W 103 58 1.40
		956.00	0.08	87.11	0.08	87.11	956.00	-0.21	-0.20	-0.14	0.16	439306.12	654623.29	N 32 12 25.92	W 103 58 1.40
		1047.00	0.08	158.23	0.08	158.23	1047.00	-0.25	-0.26	-0.05	0.10	439306.05	654623.38	N 32 12 25.92	W 103 58 1.40
		1142.00	0.11	358.08	0.11	358.08	1142.00	-0.23	-0.23	-0.03	0.20	439306.09	654623.40	N 32 12 25.92	W 103 58 1.40
		1236.00	0.11	294.37	0.11	294.37	1236.00	-0.11	-0.10	-0.11	0.12	439306.22	654623.32	N 32 12 25.92	W 103 58 1.40
		1331.00	0.15	335.95	0.16	335.95	1331.00	0.03	0.06	-0.25	0.11	439306.38	654623.18	N 32 12 25.92	W 103 58 1.40
		1425.00	0.13	86.99	0.13	86.99	1425.00	0.18	0.19	-0.20	0.25	439306.50	654623.23	N 32 12 25.92	W 103 58 1.40
		1520.00	0.13	242.03	0.13	242.03	1520.00	0.12	0.14	-0.19	0.27	439306.46	654623.24	N 32 12 25.92	W 103 58 1.40
		1614.00	0.19	137.51	0.18	137.51	1614.00	-0.04	-0.02	-0.18	0.26	439306.30	654623.25	N 32 12 25.92	W 103 58 1.40
		1706.00	0.52	121.97	0.52	121.97	1709.00	-0.33	-0.36	0.29	0.37	439306.66	654623.72	N 32 12 25.91	W 103 58 1.40
		1898.00	0.22	4.04	0.22	4.04	1897.99	-0.34	-0.45	1.04	0.35	439305.87	654624.47	N 32 12 25.91	W 103 58 1.39
		2087.00	0.53	8.32	0.53	8.32	2086.99	0.89	0.78	1.19	0.18	439307.10	654624.62	N 32 12 25.93	W 103 58 1.39
		2276.00	0.20	130.69	0.20	130.69	2275.99	1.58	1.43	1.57	0.35	439307.75	654625.00	N 32 12 25.93	W 103 58 1.38
		2371.00	0.30	112.88	0.30	112.88	2370.99	1.41	1.22	1.92	0.13	439307.54	654625.35	N 32 12 25.93	W 103 58 1.38
		2560.00	0.33	165.65	0.33	165.65	2559.98	0.75	0.50	2.51	0.15	439308.82	654625.94	N 32 12 25.92	W 103 58 1.37
		2749.00	0.25	151.01	0.25	151.01	2748.98	-0.10	-0.38	2.85	0.06	439305.94	654626.28	N 32 12 25.91	W 103 58 1.37
		2844.00	0.06	90.52	0.06	90.52	2843.98	-0.27	-0.57	3.00	0.24	439305.75	654626.43	N 32 12 25.91	W 103 58 1.37
		3032.00	0.90	305.38	0.90	305.38	3031.97	0.47	0.29	1.89	0.51	439306.61	654625.32	N 32 12 25.92	W 103 58 1.38
		3223.00	1.10	301.02	1.10	301.02	3222.94	2.90	2.10	-0.90	0.11	439308.42	654622.53	N 32 12 25.94	W 103 58 1.41
		3317.00	1.11	298.60	1.11	298.60	3316.93	2.71	2.97	-2.49	0.06	439308.29	654622.94	N 32 12 25.95	W 103 58 1.41
		3506.00	1.14	297.68	1.14	297.68	3505.89	4.07	4.67	-5.70	0.02	439310.99	654617.84	N 32 12 25.95	W 103 58 1.47
		3601.00	1.19	287.24	1.19	287.24	3600.87	4.62	5.40	-7.57	0.23	439311.72	654615.85	N 32 12 25.97	W 103 58 1.49
		3696.00	1.63	279.77	1.63	279.77	3695.85	4.89	5.84	-9.35	0.23	439312.15	654614.06	N 32 12 25.98	W 103 58 1.51
		3790.00	1.03	289.42	1.03	289.42	3789.84	5.14	6.26	-10.98	0.18	439312.58	654612.45	N 32 12 25.98	W 103 58 1.53
		3885.00	1.14	284.63	1.14	284.63	3884.82	5.49	6.78	-12.70	0.15	439313.10	654610.73	N 32 12 25.99	W 103 58 1.55
		3980.00	1.13	273.46	1.13	273.46	3979.80	5.61	7.08	-14.55	0.23	439313.40	654608.88	N 32 12 25.99	W 103 58 1.57
		4075.00	0.69	285.53	0.69	285.53	4074.79	5.67	7.29	-18.04	0.50	439313.61	654607.39	N 32 12 25.99	W 103 58 1.59
		4169.00	0.33	91.11	0.33	91.11	4168.79	5.79	7.43	-16.31	1.08	439313.75	654607.12	N 32 12 25.99	W 103 58 1.59
		4264.00	1.21	108.81	1.21	108.81	4263.78	5.58	7.10	-15.09	0.35	439313.42	654606.34	N 32 12 25.99	W 103 58 1.58
		4359.00	1.79	110.24	1.79	110.24	4358.75	4.98	6.27	-12.75	0.61	439312.59	654610.68	N 32 12 25.98	W 103 58 1.55
		4453.00	2.09	108.58	2.09	108.58	4452.68	4.23	5.21	-9.75	0.32	439311.53	654613.69	N 32 12 25.97	W 103 58 1.51
		4548.00	2.05	106.60	2.06	106.60	4547.63	3.51	4.17	-6.47	0.08	439310.49	654616.96	N 32 12 25.96	W 103 58 1.48
		4642.00	2.09	113.95	2.09	113.95	4641.57	2.66	3.00	-3.28	0.28	439309.32	654620.15	N 32 12 25.95	W 103 58 1.44
		4736.00	2.02	114.87	2.02	114.87	4735.51	1.57	1.60	-0.21	0.08	439307.82	654623.22	N 32 12 25.93	W 103 58 1.46
		4831.00	2.22	119.25	2.22	119.25	4830.44	0.29	0.00	2.91	0.27	439306.32	654626.34	N 32 12 25.92	W 103 58 1.43
		4925.00	2.15	121.52	2.15	121.52	4924.38	-1.21	-1.81	6.00	0.12	439304.51	654629.43	N 32 12 25.90	W 103 58 1.33
		5020.00	5.21	128.63	5.21	128.63	5019.17	-4.33	5.44	10.89	3.25	439300.88	654634.32	N 32 12 25.88	W 103 58 1.27
		5115.00	7.55	131.84	7.55	131.84	5113.57	-10.37	-12.29	18.91	2.49	439294.03	654642.34	N 32 12 25.80	W 103 58 1.18
		5210.00	10.21	130.45	10.21	130.45	5207.43	-18.85	-21.92	25.97	2.81	439284.40	654653.40	N 32 12 25.70	W 103 58 1.06
		5304.00	12.30	125.93	12.30	125.93	5299.02	-28.55	-33.80	44.42	2.41	439278.12	654667.85	N 32 12 25.59	W 103 58 0.99
		5398.00	12.56	125.54	12.56	125.54	5392.39	-38.90	-45.15	61.02	0.29	439261.18	654684.45	N 32 12 25.47	W 103 58 0.91
		5493.00	10.46	123.42	10.46	123.42	5484.49	-47.98	-55.79	76.48	2.28	439250.54	654699.88	N 32 12 25.36	W 103 58 0.80
		5588.00	9.85	118.63	9.85	118.63	5578.01	-55.28	-64.55	90.72	0.95	439241.77	654714.15	N 32 12 25.28	W 103 58 0.75
		5682.00	11.49	117.52	11.49	117.52	5670.38	-62.03	-72.86	106.02	1.78	439233.47	654729.44	N 32 12 25.19	W 103 58 0.70
		5777.00	11.73	113.95	11.73	113.95	5763.44	-68.58	-81.15	123.23	0.90	439225.18	654746.05	N 32 12 25.11	W 103 57 59.97
		5871.00	11.55	109.83	11.55	109.83	5855.50	-73.88	-88.22	140.82	0.90	439218.11	654764.24	N 32 12 25.04	W 103 57 59.77
		5965.00	10.17	107.21	10.17	107.21	5947.82	-77.84	-88.27	157.60	1.56	439212.46	654781.02	N 32 12 24.98	W 103 57 59.57
		6060.00	9.84	103.80	9.84	103.80	6041.37	-80.87	-88.88	173.49	0.71	439208.04	654796.91	N 32 12 24.94	W 103 57 59.39
		6155.00	10.18	102.05	10.18	102.05	6134.03	-82.75	-101.37	189.59	0.48	439204.35	654813.00	N 32 12 24.90	W 103 57 59.20
		6249.00	8.64	97.32	8.64	97.32	6227.53	-85.69	-104.71	205.52	1.24	439201.68	654829.53	N 32 12 24.88	W 103 57 59.01
		6344.00	9.28	93.31	9.28	93.31	6321.24	-83.82	-101.17	221.05	0.79	439200.16	654844.47	N 32 12 24.86	W 103 57 58.83
		6439.00	10.09	91.08	10.09	91.08	6414.88	-82.83	-106.77	237.02	0.94	439199.56	654860.43	N 32 12 24.85	W 103 57 58.65
		6533.00	9.65	89.68	9.65	89.68	6507.49	-81.35	-106.87	253.13	0.53	439199.45	654878.54	N 32 12 24.85	W 103 57 58.46
		6628.00	9.19	88.72	9.19	88.72	6501.21	-79.60	-106.66	268.68	0.51	439199.67	654892.09	N 32 12 24.85	W 103 57 58.28
		6722.00	8.37	90.08	8.37	90.08	6594.11	-78.03	-106.50	283.03	0.90	439199.83	654906.43	N 32 12 24.85	W 103 57 58.11
		6817.00	8.67	86.77	8.67	86.77	6788.02	-76.21	-106.06	297.33	0.82	439200.24	654920.74	N 32 12 24.86	W 103 57 57.94
		6911.00	8.98	85.34	8.98	85.34	6881.11	-74.05	-105.21	310.34	2.13	439201.11	654933.75	N 32 12 24.87	W 103 57 57.79
		7006.00	5.08	82.61	5.08	82.61	6975								

Comments	Tool Type	MD (ft)	Measured Incl (°)	Measured Azim (°)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		9874.00	44.75	353.53	44.75	353.53	9769.48	112.75	51.68	600.91	14.74	439358.00	655244.20	N 32 12 26.41	W 103 57 54.17
		9938.00	53.24	359.25	53.24	359.25	9831.10	102.68	122.37	616.68	10.13	439426.68	655240.06	N 32 12 27.11	W 103 57 54.22
		10062.00	62.02	0.72	62.02	0.72	9881.38	261.51	201.68	616.71	9.43	439507.96	655240.09	N 32 12 27.89	W 103 57 54.22
		10155.00	69.67	358.36	69.67	358.36	9919.42	345.90	286.47	615.97	8.54	439592.77	655239.36	N 32 12 28.73	W 103 57 54.22
		10249.00	77.14	358.33	77.14	358.33	9945.24	435.19	376.45	613.37	7.95	439682.74	655238.76	N 32 12 29.62	W 103 57 54.25
		10343.00	82.48	2.19	82.48	2.19	9982.87	527.25	469.91	613.82	6.97	439775.20	655237.20	N 32 12 30.54	W 103 57 54.24
		10437.00	88.97	8.45	88.97	8.45	9999.88	620.88	569.15	622.52	6.58	439868.43	655245.91	N 32 12 31.46	W 103 57 54.13
		10541.00	90.00	7.75	90.00	7.75	9970.82	724.79	665.11	637.18	1.20	439971.38	655260.55	N 32 12 32.48	W 103 57 53.96
		10635.00	90.10	6.06	90.10	6.06	9970.74	818.76	758.42	646.48	1.80	440064.68	655271.86	N 32 12 33.40	W 103 57 53.82
		10728.00	91.24	2.64	91.24	2.64	9969.65	911.71	851.13	655.53	3.68	440157.39	655278.91	N 32 12 34.32	W 103 57 53.74
		10822.00	91.20	358.96	91.20	358.96	9967.65	1005.34	945.09	656.84	3.91	440251.33	655280.22	N 32 12 35.25	W 103 57 53.72
		10906.00	90.83	354.60	90.83	354.60	9966.16	1098.30	1028.92	652.13	5.21	440335.16	655275.50	N 32 12 36.09	W 103 57 53.77
		11000.00	91.31	354.86	91.31	354.86	9964.40	1180.57	1122.51	643.49	0.58	440428.74	655266.87	N 32 12 37.00	W 103 57 53.87
		11092.00	92.20	358.04	92.20	358.04	9961.58	1271.33	1214.27	637.80	3.59	440520.50	655281.18	N 32 12 37.91	W 103 57 53.93
		11186.00	91.44	358.63	91.44	358.63	9959.80	1364.51	1308.18	635.07	1.02	440614.40	655258.45	N 32 12 38.84	W 103 57 53.66
		11279.00	90.69	357.16	90.69	357.16	9958.87	1456.84	1401.10	631.65	1.77	440707.31	655255.03	N 32 12 39.76	W 103 57 53.99
		11374.00	90.00	357.84	90.00	357.84	9956.30	1550.67	1498.01	627.51	1.02	440802.21	655250.89	N 32 12 40.70	W 103 57 54.04
		11468.00	90.24	358.81	90.24	358.81	9955.10	1644.99	1590.98	625.56	2.09	440897.18	655246.94	N 32 12 41.64	W 103 57 54.06
		11563.00	89.59	0.01	89.59	0.01	9956.24	1736.51	1684.98	625.41	0.72	440991.17	655249.80	N 32 12 42.57	W 103 57 54.05
		11659.00	89.70	1.44	89.70	1.44	9956.79	1834.15	1780.97	628.63	1.50	441087.15	655250.01	N 32 12 43.52	W 103 57 54.04
		11754.00	89.38	359.34	89.38	359.34	9957.60	1929.74	1875.58	627.28	2.25	441182.14	655250.66	N 32 12 44.46	W 103 57 54.03
		11849.00	89.52	358.98	89.52	358.98	9958.41	2023.13	1970.95	625.86	0.41	441277.11	655249.26	N 32 12 45.40	W 103 57 54.04
		11943.00	89.24	0.31	89.24	0.31	9959.43	2118.60	2064.94	625.30	1.45	441371.10	655248.58	N 32 12 46.33	W 103 57 54.04
		12039.00	89.59	1.81	89.59	1.81	9960.41	2212.29	2160.91	627.16	1.71	441467.06	655250.54	N 32 12 47.28	W 103 57 54.02
		12134.00	89.24	359.61	89.24	359.61	9961.38	2306.93	2255.89	628.42	2.45	441562.03	655251.80	N 32 12 48.22	W 103 57 54.00
		12229.00	89.28	2.21	89.28	2.21	9962.60	2401.59	2350.98	629.93	2.74	441657.00	655253.31	N 32 12 49.16	W 103 57 53.88
		12322.00	89.21	359.72	89.21	359.72	9963.83	2494.26	2443.83	631.50	2.68	441749.96	655254.88	N 32 12 50.08	W 103 57 53.95
		12416.00	90.03	0.15	90.03	0.15	9964.45	2587.78	2533.93	631.39	0.98	441843.95	655254.77	N 32 12 51.01	W 103 57 53.95
		12510.00	89.83	0.36	89.83	0.36	9964.57	2681.36	2631.83	631.81	0.31	441937.84	655255.19	N 32 12 51.94	W 103 57 53.94
		12603.00	89.83	2.29	89.83	2.29	9964.94	2774.09	2724.80	632.96	2.08	442030.31	655257.34	N 32 12 52.86	W 103 57 53.91
		12697.00	89.93	1.48	89.93	1.48	9965.04	2867.89	2818.75	637.03	0.89	442124.65	655258.60	N 32 12 53.79	W 103 57 53.87
		12790.00	89.52	359.83	89.52	359.83	9965.49	2960.53	2911.74	639.16	1.70	442217.83	655261.54	N 32 12 54.71	W 103 57 53.86
		12883.00	89.78	358.59	89.78	358.59	9966.07	3052.74	3004.88	635.34	3.80	442310.77	655258.72	N 32 12 55.63	W 103 57 53.89
		12977.00	90.00	358.52	90.00	358.52	9966.27	3145.79	3098.59	631.33	2.07	442404.67	655257.41	N 32 12 56.56	W 103 57 53.93
		13071.00	90.10	357.50	90.10	357.50	9966.19	3238.95	3162.53	629.06	1.09	442498.60	655251.44	N 32 12 57.49	W 103 57 53.96
		13165.00	89.72	356.71	89.72	356.71	9966.33	3331.90	3286.41	623.32	0.93	442592.47	655246.70	N 32 12 58.42	W 103 57 54.02
		13259.00	90.03	0.07	90.03	0.07	9966.54	3424.14	3379.36	620.70	3.63	442685.42	655244.08	N 32 12 59.34	W 103 57 54.04
		13445.00	90.28	357.71	90.28	357.71	9968.03	3509.82	3586.31	617.08	1.27	442772.35	655240.48	N 32 13 0.27	W 103 57 54.08
		13538.00	89.72	357.91	89.72	357.91	9968.03	3701.95	3659.24	613.53	0.84	442865.28	655236.91	N 32 13 0.27	W 103 57 54.11
		13632.00	90.31	357.82	90.31	357.82	9968.01	3795.04	3753.17	609.78	0.75	442959.19	655230.16	N 32 13 0.34	W 103 57 54.15
		13725.00	89.86	1.87	89.86	1.87	9965.05	3888.50	3847.14	606.28	4.66	443053.16	655232.86	N 32 13 0.37	W 103 57 54.15
		13820.00	89.76	1.53	89.76	1.53	9964.54	3982.29	3941.09	612.07	1.22	443147.11	655235.45	N 32 13 0.40	W 103 57 54.12
		13913.00	89.11	359.09	89.11	359.09	9965.45	4074.86	4034.00	612.57	2.72	443240.09	655235.95	N 32 13 0.52	W 103 57 54.11
		14008.00	90.62	3.35	90.62	3.35	9965.68	4169.55	4129.03	614.59	4.76	443335.03	655237.88	N 32 13 0.75	W 103 57 54.08
		14102.00	89.38	0.40	89.38	0.40	9965.68	4263.33	4222.97	617.67	3.40	443428.96	655241.05	N 32 13 0.78	W 103 57 54.04
		14195.00	90.58	0.79	90.58	0.79	9965.71	4355.96	4315.97	618.83	1.36	443521.95	655242.02	N 32 13 0.80	W 103 57 54.03
		14289.00	91.03	1.13	91.03	1.13	9964.39	4449.64	4409.94	620.21	0.60	443615.92	655243.99	N 32 13 0.93	W 103 57 54.01
		14380.00	90.41	359.33	90.41	359.33	9963.25	4540.22	4500.03	620.57	2.09	443709.90	655243.96	N 32 13 10.43	W 103 57 54.00
		14474.00	90.34	358.31	90.34	358.31	9962.63	4633.54	4594.91	618.84	1.09	443800.87	655242.02	N 32 13 11.38	W 103 57 54.02
		14567.00	89.04	358.93	89.04	358.93	9963.13	4723.83	4687.88	618.40	1.55	443893.83	655239.78	N 32 13 12.28	W 103 57 54.04
		14653.00	89.90	359.47	89.90	359.47	9964.95	4810.45	4873.82	612.18	0.52	444179.75	655235.58	N 32 13 14.12	W 103 57 54.08
		14746.00	90.33	358.87	90.33	358.87	9964.18	4902.75	4966.79	610.02	1.19	444272.72	655233.40	N 32 13 15.04	W 103 57 54.10
		14840.00	89.86	358.88	89.86	358.88	9963.53	5000.09	5060.77	608.17	1.14	444366.69	655231.55	N 32 13 15.97	W 103 57 54.12
		14934.00	90.65	1.09	90.65	1.09	9962.70	5092.15	5154.75	608.13	1.25	444459.55	655231.51	N 32 13 16.92	W 103 57 54.11
		15028.00	89.04	1.24	89.04	1.24	9962.06	5184.66	5247.73	610.06	1.70	444548.63	655233.44	N 32 13 17.85	W 103 57 54.09
		15122.00	89.42	359.54	89.42	359.54	9964.21	5276.45	5345.72	610.69	1.67	444637.61	655234.07	N 32 13 18.78	W 103 57 54.08
		15216.00	89.45	360.00	89.45	360.00	9965.13	5368.95	5438.71	610.31	0.49	444726.60	655233.70	N 32 13 19.71	W 103 57 54.09
		15310.00	89.90	0.21	89.90	0.21	9966.47	5461.50	5529.71	610.48	0.53	444815.58	655233.87	N 32 13 20.64	W 103 57 54.07
		15404.00	89.24	1.80	89.24	1.80	9968.00	5554.18	5645.67	612.13	1.73	444904.56	655235.51	N 32 13 21.57	W 103 57 54.05
		15498.00	89.11	1.27	89.11	1.27	9969.35	5646.82	5738.18	614.85	0.58	445000.87	655238.03	N 32 13 22.50	W 103 57 54.02
		15592.00	89.86	1.30	89.86	1.30	9970.70	5739.64	5831.60	618.78	0.90	445097.19	655240.14	N 32 13 23.43	W 103 57 53.99
		15686.00	89.83	1.15	89.83	1.15	9970.45	5830.36	5924.58	618.75	0.16	445193.51	655242.13	N 32 13 24.36	W 103 57 53.98
		15780.00	90.24	1.83	90.24	1.83	9970.39	5921.11	6017.54	621.19	0.84	445289.83	655244.57	N 32 13 25.29	W 103 57 53.93
		15874.00	89.97	0.25	89.97	0.25	9970.23	6011.83	6110.53	622.77	1.84	445386.15	655246.36	N 32 13 26.22	W 103 57 53.91
		15968.00	89.97	0.25	89.97	0.25	9970.25	6102.58	6203.53	622.95	0.00	445482.36	655246.33	N 32 13 27.15	W 103 57 53.90

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7965 sigma
Survey Program: