

Crestone Peak Resources

DJ BASIN

S18-T1N-R67W (HINGLEY)

HINGLEY 3K-18H-N167

OH

PLAN #1

Anticollision Report

29 December, 2017

Cathedral Energy Services

Anticollision Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well HINGLEY 3K-18H-N167 - Slot Hingley 3K
Project:	DJ BASIN	TVD Reference:	KB @ 5133.00usft
Reference Site:	S18-T1N-R67W (HINGLEY)	MD Reference:	KB @ 5133.00usft
Site Error:	0.00usft	North Reference:	True
Reference Well:	HINGLEY 3K-18H-N167	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USA EDM 5000 Multi Users DB
Reference Design:	PLAN #1	Offset TVD Reference:	Offset Datum

Reference	PLAN #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,781.85usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program		Date	12/29/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	2,000.00	PLAN #1 (OH)	VESSI_GYROFLEX	VESSI Gyroflex Gyro	
2,001.00	12,611.04	PLAN #1 (OH)	MWD+HDGM	OWSG MWD + HDGM	

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Site Error:	0.00usft	North Reference:	True
Reference Well:	HINGLEY 3K-18H-N167	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USA EDM 5000 Multi Users DB
Reference Design:	PLAN #1	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
S18-T1N-R67W (HINGLEY)						
22-24 - KAISER-FRANCIS OIL - NO SURVEYS						Out of range
B C HOPKINS 3 - FRITZLER WELL - NO SURVEYS	5,283.73	5,026.00	1,462.70	1,437.70	58.493	CC, ES
B C HOPKINS 3 - FRITZLER WELL - NO SURVEYS	5,500.00	5,026.00	1,478.61	1,452.71	57.098	SF
B C HOPKINS 4 - FRITZLER WELL - NO SURVEYS						Out of range
BLANCHE C 4 - KPK WELL - NO SURVEYS						Out of range
BLANCHE C HOPKINS 1 - KPK WELL - NO SURVEYS						Out of range
BLANCHE C HOPKINS 2 - KPK WELL - NO SURVEYS						Out of range
DACONO 16-13 - KMG WELL - GYRO						Out of range
EMERY31-13(1-68) 1 - NOBLE WELL - NO SURVEYS						Out of range
FOREMAN 1 - KPK WELL - NO SURVEYS						Out of range
FOREMAN 2 - KPK WELL - NO SURVEYS						Out of range
FOREMAN 3 - KPK WELL - SURVEYS						Out of range
FOREMAN UNIT 4 - KPK WELL - SURVEYS						Out of range
GRAHAM ELIZABETH W 1 - AMOCO WELL - NO SURV						Out of range
GRIFFITHS 13C-20HZX - KMG STK - SURVEYS						Out of range
GRIFFITHS 13C-20HZX - KMG WELL - SURVEYS						Out of range
GRIFFITHS 14N-20HZ - KMG WELL - SURVEYS						Out of range
GRIFFITHS 34N-20HZ - KMG WELL - SURVEYS						Out of range
GRIFFITHS 35C-20HZ - KMG WELL - SURVEYS						Out of range
GRIFFITHS 35N-20HZ - KMG WELL - SURVEYS						Out of range
GRIFFITHS 36C-20HZ - KMG WELL - SURVEYS						Out of range
HALEY 41-13 #1 - KMG WELL - NO SURVEYS						Out of range
HART 7-42 - KMG WELL - NO SURVEYS						Out of range
HERBERS 31-20 - CPR WELL - GYRO						Out of range
HICKS 13-18 - KPK WELL - NO SURVEYS	100.00	44.00	1,514.54	1,514.43	10,000.000	CC, ES
HICKS 13-18 - KPK WELL - NO SURVEYS	1,900.00	1,823.04	1,770.81	1,763.50	242.103	SF
HICKS 14-18 - BAYSWATER WELL - NO SURVEYS	100.00	69.00	472.36	472.23	3,427.233	CC
HICKS 14-18 - BAYSWATER WELL - NO SURVEYS	200.00	169.00	472.70	472.20	946.501	ES
HICKS 14-18 - BAYSWATER WELL - NO SURVEYS	5,100.00	4,950.00	1,208.96	1,185.72	52.022	SF
HICKS 23-18 - STARLIGHT WELL - NO SURVEYS	100.00	60.00	1,510.19	1,510.06	10,000.000	CC
HICKS 23-18 - STARLIGHT WELL - NO SURVEYS	200.00	160.00	1,510.41	1,509.93	3,146.316	ES
HICKS 23-18 - STARLIGHT WELL - NO SURVEYS	3,000.00	2,922.83	1,780.89	1,769.12	151.328	SF
HICKS 24-18 - BAYSWATER WELL - NO SURVEYS	1,662.19	1,620.73	276.50	270.08	43.083	CC
HICKS 24-18 - BAYSWATER WELL - NO SURVEYS	1,700.00	1,657.99	276.58	270.01	42.096	ES
HICKS 24-18 - BAYSWATER WELL - NO SURVEYS	5,100.00	5,007.87	649.86	626.40	27.696	SF
HICKS 4-18 - CPR WELL - GYRO	100.00	72.50	599.53	599.40	4,666.677	CC, ES
HICKS 4-18 - CPR WELL - GYRO	9,000.00	7,564.58	839.89	797.77	19.941	SF
HINGLEY 1 - CPR WELL - GYRO	12,093.17	7,535.37	1,775.66	1,691.15	21.012	CC
HINGLEY 1 - CPR WELL - GYRO	12,100.00	7,535.37	1,775.67	1,691.04	20.982	ES
HINGLEY 1 - CPR WELL - GYRO	12,200.00	7,535.32	1,778.87	1,692.55	20.608	SF
HINGLEY 12-18 - PDC WELL - GYRO						Out of range
HINGLEY 1A-18H-A167 - OH - PLAN #1	8,277.38	12,746.24	238.16	148.87	2.667	CC, ES, SF
HINGLEY 1-B - VESSELS WELL - NO SURVEYS						Out of range
HINGLEY 1B-18H-A167 - OH - PLAN #1	8,275.30	12,818.76	552.81	459.87	5.948	CC, ES, SF
HINGLEY 1C-18H-A167 - OH - PLAN #1	8,246.73	12,513.64	493.30	393.19	4.928	CC, ES, SF
HINGLEY 1D-18H-A167 - OH - PLAN #1	8,200.00	12,661.22	858.91	758.23	8.531	SF
HINGLEY 1D-18H-A167 - OH - PLAN #1	8,273.06	12,605.61	857.96	757.60	8.549	CC, ES
HINGLEY 1E-18H-A167 - OH - PLAN #1	8,200.00	12,463.00	1,185.47	1,085.85	11.900	SF
HINGLEY 1E-18H-A167 - OH - PLAN #1	8,977.52	11,752.50	1,151.99	1,056.90	12.114	CC, ES
HINGLEY 1F-18H-A167 - OH - PLAN #1	8,200.00	12,729.07	1,381.68	1,281.73	13.824	SF
HINGLEY 1F-18H-A167 - OH - PLAN #1	8,271.37	12,673.56	1,380.82	1,281.31	13.876	CC, ES
HINGLEY 1G-18H-A167 - OH - PLAN #1	8,200.00	12,571.88	1,512.89	1,411.82	14.969	SF
HINGLEY 1G-18H-A167 - OH - PLAN #1	8,270.92	12,516.26	1,512.03	1,411.42	15.029	CC, ES

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Project:	DJ BASIN	TVD Reference:	KB @ 5133.00usft
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Site Error:	0.00usft	North Reference:	True
Reference Well:	HINGLEY 3K-18H-N167	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USA EDM 5000 Multi Users DB
Reference Design:	PLAN #1	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
S18-T1N-R67W (HINGLEY)						
HINGLEY 1H-18H-A167 - OH - PLAN #1						Out of range
HINGLEY 1I-18H-A167 - OH - PLAN #1						Out of range
HINGLEY 1J-18H-A167 - OH - PLAN #1						Out of range
HINGLEY 1K-18H-A167 - OH - PLAN #1						Out of range
HINGLEY 2J - PDC WELL - GYRO	11,838.48	7,545.64	1,095.56	1,014.83	13.572	CC, ES
HINGLEY 2J - PDC WELL - GYRO	11,900.00	7,545.78	1,097.28	1,016.04	13.506	SF
HINGLEY 2S - TEXAS TEA WELL - NO SURVEYS						Out of range
HINGLEY 3A-18H-N167 - OH - PLAN #1	100.00	101.00	100.00	99.86	734.560	CC
HINGLEY 3A-18H-N167 - OH - PLAN #1	200.00	199.00	100.27	99.79	208.038	ES
HINGLEY 3A-18H-N167 - OH - PLAN #1	6,500.00	6,243.39	1,774.08	1,737.20	48.109	SF
HINGLEY 3B-18H-N167 - OH - PLAN #1	100.00	101.00	90.00	89.86	661.104	CC
HINGLEY 3B-18H-N167 - OH - PLAN #1	200.00	201.00	90.27	89.79	185.941	ES
HINGLEY 3B-18H-N167 - OH - PLAN #1	7,000.00	6,808.13	1,668.29	1,627.44	40.839	SF
HINGLEY 3C-18H-N167 - OH - PLAN #1	100.00	100.00	80.00	79.87	595.277	CC
HINGLEY 3C-18H-N167 - OH - PLAN #1	200.00	200.00	80.27	79.79	165.939	ES
HINGLEY 3C-18H-N167 - OH - PLAN #1	7,100.00	6,882.79	1,698.02	1,656.74	41.133	SF
HINGLEY 3D-18H-N167 - OH - PLAN #1	100.00	100.00	70.00	69.87	520.864	CC
HINGLEY 3D-18H-N167 - OH - PLAN #1	200.00	200.00	70.27	69.79	145.267	ES
HINGLEY 3D-18H-N167 - OH - PLAN #1	12,611.04	12,555.36	1,652.57	1,494.76	10.472	SF
HINGLEY 3E-18H-N167 - OH - PLAN #1	100.00	100.00	60.00	59.79	292.388	CC
HINGLEY 3E-18H-N167 - OH - PLAN #1	200.00	200.00	60.27	59.53	81.615	ES
HINGLEY 3E-18H-N167 - OH - PLAN #1	12,611.04	12,439.28	1,320.14	1,160.71	8.280	SF
HINGLEY 3F-18H-N167 - OH - PLAN #1	100.00	100.00	50.00	49.87	372.050	CC
HINGLEY 3F-18H-N167 - OH - PLAN #1	200.00	200.00	50.27	49.79	103.923	ES
HINGLEY 3F-18H-N167 - OH - PLAN #1	12,611.04	12,701.51	1,316.28	1,158.47	8.341	SF
HINGLEY 3G-18H-N167 - OH - PLAN #1	100.00	100.00	40.00	39.87	297.640	CC
HINGLEY 3G-18H-N167 - OH - PLAN #1	200.00	200.00	40.27	39.79	83.251	ES
HINGLEY 3G-18H-N167 - OH - PLAN #1	12,611.04	12,451.85	990.55	834.45	6.345	SF
HINGLEY 3H-18H-N167 - OH - PLAN #1	100.00	100.00	30.00	29.87	223.230	CC
HINGLEY 3H-18H-N167 - OH - PLAN #1	200.00	200.00	30.27	29.79	62.581	ES
HINGLEY 3H-18H-N167 - OH - PLAN #1	12,611.04	12,443.08	660.07	501.57	4.164	SF
HINGLEY 3I-18H-N167 - OH - PLAN #1	100.00	100.00	20.00	19.87	148.818	CC
HINGLEY 3I-18H-N167 - OH - PLAN #1	200.00	200.00	20.27	19.79	41.909	ES
HINGLEY 3I-18H-N167 - OH - PLAN #1	12,611.04	12,733.20	476.54	330.27	3.258	SF
HINGLEY 3J-18H-N167 BHL - OH - PLAN #1	100.00	100.00	10.00	9.87	74.410	CC
HINGLEY 3J-18H-N167 BHL - OH - PLAN #1	200.00	200.00	10.28	9.79	21.243	ES
HINGLEY 3J-18H-N167 BHL - OH - PLAN #1	12,611.04	12,546.26	248.56	96.93	1.639	SF
HINGLEY 3S - TEXAS TEA WELL - NO SURVEYS						Out of range
HINGLEY 4 - DENVER EAST WELL - NO SURVEYS						Out of range
HINGLEY 5 - DENVER EAST WELL - NO SURVEYS						Out of range
HINGLEY FARMS 32-18 - CPR WELL - GYRO	10,878.74	7,566.42	1,065.33	998.70	15.989	CC
HINGLEY FARMS 32-18 - CPR WELL - GYRO	10,900.00	7,567.02	1,065.55	998.52	15.898	ES
HINGLEY FARMS 32-18 - CPR WELL - GYRO	11,100.00	7,572.93	1,088.05	1,018.23	15.582	SF
HOPKINS 3 - KPK WELL - NO SURVEYS						Out of range
HOPKINS 32-19 1 - FRITZLER RESOURCES - NO SUR						Out of range
HOPKINS 41C-19#2 - FRITZLER RESOURCES - NO SU						Out of range
HSR RMF 12-8 - KMG WELL - NO SURVEYS						Out of range
JELTS 15C-19HZ - KMG WELL - SURVEYS	7,742.48	7,483.68	895.72	857.24	23.278	CC, ES
JELTS 15C-19HZ - KMG WELL - SURVEYS	7,800.00	7,486.00	897.66	859.04	23.247	SF
JELTS 16N-19HZ - KMG WELL - SURVEYS						Out of range
JELTS 36N-19HZ - KMG WELL - SURVEYS	7,557.38	7,446.25	405.15	366.07	10.368	CC, ES, SF
JELTS 37C-19HZ - KMG WELL - SURVEYS	7,890.43	7,473.00	1,779.22	1,740.28	45.691	CC, ES
JELTS 37C-19HZ - KMG WELL - SURVEYS	7,900.00	7,473.00	1,779.24	1,740.28	45.665	SF

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Cathedral Energy Services

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S18-T1N-R67W (HINGLEY)						
JELTS 37N-19HZ - KMG WELL - SURVEYS	7,702.74	7,447.20	1,371.72	1,333.84	36.208	CC, ES
JELTS 37N-19HZ - KMG WELL - SURVEYS	8,000.00	7,386.00	1,403.20	1,364.05	35.845	SF
JELTS 39C-19HZ - KMG WELL - SURVEYS						Out of range
JOHNSON 21-24 - MGF OIL CORP WELL - NO SURVE						Out of range
LAURIDSON 18-16 - KMG WELL - GYRO						Out of range
LAURIDSON 2-A - KPK WELL - NO SURVEYS						Out of range
LAURIDSON 31-24 - KPK WELL - NO SURVEYS						Out of range
LAURIDSON 32-24 - SRC ENERGY WELL - NO SURVE						Out of range
LAURIDSON 41-24 - STARLIGHT RES WELL - NO SUR						Out of range
LAURIDSON 42-24 - KPK WELL - NO SURVEYS						Out of range
LAURIDSON VV 18-10 - KMG WELL - GYRO	10,016.54	7,551.54	751.32	696.61	13.733	CC, ES
LAURIDSON VV 18-10 - KMG WELL - GYRO	10,100.00	7,551.60	755.94	699.81	13.468	SF
LAURIDSON VV18-4J - KMG WELL - GYRO	9,076.71	7,617.95	1,233.77	1,190.43	28.469	CC
LAURIDSON VV18-4J - KMG WELL - GYRO	9,100.00	7,617.98	1,233.99	1,190.35	28.279	ES
LAURIDSON VV18-4J - KMG WELL - GYRO	9,400.00	7,618.37	1,275.43	1,228.17	26.988	SF
LAURIDSON-A 1 - KPK WELL - NO SURVEYS						Out of range
LINKUS 32-24 - PDC WELL - NO SURVEYS						Out of range
LINKUS 41-24 - PDC WELL - PDC WELL						Out of range
M B SCHWAB 2 - KMG WELL - NO SURVEYS						Out of range
MARGUERITE TOTEMS U 2 - KMG WELL - GYRO						Out of range
MARK 1-A - CHAPARRAL RES - NO SURVEYS						Out of range
NRC 11-8 - KMG WELL - SURVEYS						Out of range
NRC 12-8 - KMG WELL - SURVEYS						Out of range
NRC 13-8 - KMG WELL - SURVEYS						Out of range
NRC 14-8 - KMG WELL - SURVEYS						Out of range
NRC 15-8 - KMG WELL - SURVEYS						Out of range
NRC 22-8 - KMG WELL - SURVEYS						Out of range
NRC 23-8 - KMG WELL - SURVEYS						Out of range
NRC 28N-8HZ - KMG WELL - SURVEYS						Out of range
NRC 29N-8HZ - KMG WELL - SURVEYS						Out of range
NRC 30C-8HZ - KMG WELL - GYRO						Out of range
NRC 35-8 - KMG WELL - SURVEYS						Out of range
NRC 3C-8HZ - KMG WELL - SURVEYS						Out of range
NRC 4C-8HZ - KMG WELL - SURVEYS						Out of range
NRC 4N-8HZ - KMG WELL - SURVEYS						Out of range
PAUL HEINZE 1 - KPK WELL - NO SURVEYS						Out of range
RALPH 13C-19HZ - KMG WELL - SURVEYS	1,893.43	1,840.88	751.01	743.88	105.373	CC
RALPH 13C-19HZ - KMG WELL - SURVEYS	1,900.00	1,846.43	751.01	743.86	104.986	ES
RALPH 13C-19HZ - KMG WELL - SURVEYS	7,600.00	7,584.92	1,746.70	1,708.15	45.304	SF
RALPH 14N-19HZ - KMG WELL - SURVEYS	5,013.57	4,997.66	51.81	26.83	2.074	CC, ES, SF
RALPH 34C-19HZ - KMG WELL - SURVEYS	1,623.33	1,562.41	769.68	763.56	125.766	CC, ES
RALPH 34C-19HZ - KMG WELL - SURVEYS	5,700.00	5,306.67	1,771.13	1,742.97	62.893	SF
RALPH 35C-19HZ - KMG WELL - SURVEYS	3,942.17	3,936.13	435.81	417.60	23.933	CC, ES
RALPH 35C-19HZ - KMG WELL - SURVEYS	5,200.00	5,155.40	530.98	505.53	20.869	SF
RALPH 35N-19HZ - KMG WELL - SURVEYS	2,654.76	2,623.56	752.16	742.03	74.266	CC
RALPH 35N-19HZ - KMG WELL - SURVEYS	2,700.00	2,666.09	752.35	741.99	72.557	ES
RALPH 35N-19HZ - KMG WELL - SURVEYS	7,500.00	7,414.02	1,347.26	1,309.57	35.746	SF
RALPH 36C-19HZ - KMG WELL - SURVEYS	7,612.92	7,514.29	54.16	14.51	1.366	Level 3, CC, ES, SF
ROCKY MOUNTAIN FUEL 1 - KMG WELL - NO SURVE						Out of range
SCHWAB #1-32-13 - KMG WELL - NO SURVEYS						Out of range
STONEBRAKER 24-12 - KMG WELL - KMG WELL						Out of range
STONEBRAKER 25-12 - KMG WELL - SURVEYS						Out of range
STONEBRAKER 8-12 - KMG WELL - KMG WELL						Out of range

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Well Error:	0.00usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USA EDM 5000 Multi Users DB
Reference Design:	PLAN #1	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
S18-T1N-R67W (HINGLEY)						
TROUDT 44-7 - KMG WELL - GYRO						Out of range
UNDERHILL 28N-17HZ - KMG WELL - SURVEYS						Out of range
UPRR 42 PAN AM 'AL' 1 - KMG WELL - GYRO						Out of range
UPRR 42 PAN AM GAS 1 - KMG WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM N #2 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM N 1 - KMG WELL - GYRO						Out of range
UPRR 42 PAN AM N 4 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM-AJ 1 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM-AJ 4 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM-AS 1 - KMG WELL - GYRO						Out of range
UPRR 42 PAN AM-AV 1 - KPK WELL - SURVEYS						Out of range
UPRR 42 PAN AM-J 2 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM-J 3 - KPK WELL - NO SURVEYS						Out of range
UPRR 42 PAN AM-N 3 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM 1 - KMG WELL - GYRO	5,608.77	5,418.63	1,298.68	1,273.11	50.782	CC
UPRR 43 PAN AM 1 - KMG WELL - GYRO	5,900.00	5,706.35	1,299.95	1,272.60	47.534	ES
UPRR 43 PAN AM 1 - KMG WELL - GYRO	7,100.00	6,889.84	1,343.11	1,308.72	39.048	SF
UPRR 43 PAN AM 1 2 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM 1 3 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM H 10 - KPK WELL - NO SURVEYS	2,917.37	2,866.41	1,416.42	1,404.83	122.186	CC
UPRR 43 PAN AM H 10 - KPK WELL - NO SURVEYS	3,200.00	3,144.88	1,417.25	1,404.05	107.405	ES
UPRR 43 PAN AM H 10 - KPK WELL - NO SURVEYS	5,200.00	4,879.00	1,488.16	1,462.76	58.604	SF
UPRR 43 PAN AM H 2 - KPK WELL - NO SURVEYS	5,200.46	4,994.00	792.87	767.90	31.753	CC, ES
UPRR 43 PAN AM H 2 - KPK WELL - NO SURVEYS	5,300.00	4,994.00	799.10	773.62	31.362	SF
UPRR 43 PAN AM I #5 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM O 1 - KMG WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-H 7 - AMOCO WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-I 14 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-I 15 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-I 26 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-I 31 - KPK WELL - NO SURVEYS						Out of range
UPRR 43 PAN AM-J 1 - KMG WELL - SURVEYS						Out of range
UPRR PAN AM H 3 - KPK WELL - NO SURVEYS						Out of range
UPRR43PANAM-I 16 - KPK WELL - NO SURVEYS						Out of range