

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 793 4161 Fax: (575) 793-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748 1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Grande Rd., Artesia, NM 87410
Phone: (505) 334-6173 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-1400 Fax: (505) 476-1402

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

NOV 01 2012

NMOC D ARTESIA Revised August 1, 2011

Form C-102

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40825	Pool Code 30212	Pool Name HARROUN RANCH; DELAWARE
Property Code 39533	Property Name HARROUN TRUST 31	Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 2957.1'

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	23 S	29 E		330	SOUTH	1355	WEST	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
K	30	23 S	29 E		2310	SOUTH	1980	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidated Code	Order No
240			

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.

NW COR SEC 30 NMSP-E (NAD 83) Y = 467027.2' N X = 634389.4' E LAT = N32° 17' 00.86" LONG = W104° 01' 56.01"	HARROUN TRUST 31-30 #3H BHL NMSP-E (NAD 83) Y = 463976.8' N X = 636366.9' E LAT = N32° 16' 30.62" LONG = W104° 01' 33.07"	NE COR SEC 30 NMSP-E (NAD 83) Y = 466889.9' N X = 639549.8' E LAT = N32° 16' 59.36" LONG = W104° 00' 55.90"	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 undivided 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Patti Riechers</i> 10/30/12 Signature Date Patti Riechers, Regulatory Specialist Print Name Patti.Riechers@dvn.com E-mail Address
SW COR SEC 30 NW COR SEC 31 NMSP-E (NAD 83) Y = 461706.6' N X = 634385.1' E N LAT = N32° 16' 08.21" W LONG = W104° 01' 56.23"	HARROUN TRUST 31-30 #3H SHL NMSP-E (NAD 83) Y = 456706.3' N X = 635736.0' E LAT = N32° 15' 18.69" LONG = W104° 01' 40.66"	SE COR SEC 30 NE COR SEC 31 NMSP-E (NAD 83) Y = 461601.1' N X = 639566.7' E N LAT = N32° 16' 07.02" W LONG = W104° 00' 55.88"	
SW COR SEC 31 NMSP-E (NAD 83) Y = 456386.0' N X = 634380.9' E N LAT = N32° 15' 15.56" W LONG = W104° 01' 56.46"		SE COR SEC 31 NMSP-E (NAD 83) Y = 456348.5' N X = 639670.8' E N LAT = N32° 15' 15.04" W LONG = W104° 00' 54.85"	SURVEYORS 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. JUNE 24, 2012 Date of Survey Signature and Seal of Professional Surveyor <i>James E. Tompkins</i> Job No. WTC48539 JAMES E TOMPKINS 14729 Certificate Number

SECTION 31, T 23 S, R 29 E, N.M.P.M.

● HARROUN TRUST 31-30 #3H 2958T 2-214

PROP. 98' LEASE ROAD

Harroun River

Scoggin Flats

Harroun Canal

Topographic map showing Section 31, T 23 S, R 29 E, N.M.P.M. The map includes contour lines, a grid, and various labels. Key features include the Harroun River, Scoggin Flats, Harroun Canal, and a proposed 98' lease road. A specific point is marked as 'HARROUN TRUST 31-30 #3H 2958T 2-214'. The map also shows various elevation points (e.g., 2994T, 2992T, 2990T, 2988T, 2986T, 2984T, 2982T, 2980T, 2978T, 2976T, 2974T, 2972T, 2970T, 2968T, 2966T, 2964T, 2962T, 2960T, 2958T, 2956T, 2954T, 2952T, 2950T, 2948T, 2946T, 2944T, 2942T, 2940T, 2938T, 2936T, 2934T, 2932T, 2930T, 2928T, 2926T, 2924T, 2922T, 2920T, 2918T, 2916T, 2914T, 2912T, 2910T, 2908T, 2906T, 2904T, 2902T, 2900T, 2898T, 2896T, 2894T, 2892T, 2890T, 2888T, 2886T, 2884T, 2882T, 2880T, 2878T, 2876T, 2874T, 2872T, 2870T, 2868T, 2866T, 2864T, 2862T, 2860T, 2858T, 2856T, 2854T, 2852T, 2850T, 2848T, 2846T, 2844T, 2842T, 2840T, 2838T, 2836T, 2834T, 2832T, 2830T, 2828T, 2826T, 2824T, 2822T, 2820T, 2818T, 2816T, 2814T, 2812T, 2810T, 2808T, 2806T, 2804T, 2802T, 2800T, 2798T, 2796T, 2794T, 2792T, 2790T, 2788T, 2786T, 2784T, 2782T, 2780T, 2778T, 2776T, 2774T, 2772T, 2770T, 2768T, 2766T, 2764T, 2762T, 2760T, 2758T, 2756T, 2754T, 2752T, 2750T, 2748T, 2746T, 2744T, 2742T, 2740T, 2738T, 2736T, 2734T, 2732T, 2730T, 2728T, 2726T, 2724T, 2722T, 2720T, 2718T, 2716T, 2714T, 2712T, 2710T, 2708T, 2706T, 2704T, 2702T, 2700T, 2698T, 2696T, 2694T, 2692T, 2690T, 2688T, 2686T, 2684T, 2682T, 2680T, 2678T, 2676T, 2674T, 2672T, 2670T, 2668T, 2666T, 2664T, 2662T, 2660T, 2658T, 2656T, 2654T, 2652T, 2650T, 2648T, 2646T, 2644T, 2642T, 2640T, 2638T, 2636T, 2634T, 2632T, 2630T, 2628T, 2626T, 2624T, 2622T, 2620T, 2618T, 2616T, 2614T, 2612T, 2610T, 2608T, 2606T, 2604T, 2602T, 2600T, 2598T, 2596T, 2594T, 2592T, 2590T, 2588T, 2586T, 2584T, 2582T, 2580T, 2578T, 2576T, 2574T, 2572T, 2570T, 2568T, 2566T, 2564T, 2562T, 2560T, 2558T, 2556T, 2554T, 2552T, 2550T, 2548T, 2546T, 2544T, 2542T, 2540T, 2538T, 2536T, 2534T, 2532T, 2530T, 2528T, 2526T, 2524T, 2522T, 2520T, 2518T, 2516T, 2514T, 2512T, 2510T, 2508T, 2506T, 2504T, 2502T, 2500T, 2498T, 2496T, 2494T, 2492T, 2490T, 2488T, 2486T, 2484T, 2482T, 2480T, 2478T, 2476T, 2474T, 2472T, 2470T, 2468T, 2466T, 2464T, 2462T, 2460T, 2458T, 2456T, 2454T, 2452T, 2450T, 2448T, 2446T, 2444T, 2442T, 2440T, 2438T, 2436T, 2434T, 2432T, 2430T, 2428T, 2426T, 2424T, 2422T, 2420T, 2418T, 2416T, 2414T, 2412T, 2410T, 2408T, 2406T, 2404T, 2402T, 2400T, 2398T, 2396T, 2394T, 2392T, 2390T, 2388T, 2386T, 2384T, 2382T, 2380T, 2378T, 2376T, 2374T, 2372T, 2370T, 2368T, 2366T, 2364T, 2362T, 2360T, 2358T, 2356T, 2354T, 2352T, 2350T, 2348T, 2346T, 2344T, 2342T, 2340T, 2338T, 2336T, 2334T, 2332T, 2330T, 2328T, 2326T, 2324T, 2322T, 2320T, 2318T, 2316T, 2314T, 2312T, 2310T, 2308T, 2306T, 2304T, 2302T, 2300T, 2298T, 2296T, 2294T, 2292T, 2290T, 2288T, 2286T, 2284T, 2282T, 2280T, 2278T, 2276T, 2274T, 2272T, 2270T, 2268T, 2266T, 2264T, 2262T, 2260T, 2258T, 2256T, 2254T, 2252T, 2250T, 2248T, 2246T, 2244T, 2242T, 2240T, 2238T, 2236T, 2234T, 2232T, 2230T, 2228T, 2226T, 2224T, 2222T, 2220T, 2218T, 2216T, 2214T, 2212T, 2210T, 2208T, 2206T, 2204T, 2202T, 2200T, 2198T, 2196T, 2194T, 2192T, 2190T, 2188T, 2186T, 2184T, 2182T, 2180T, 2178T, 2176T, 2174T, 2172T, 2170T, 2168T, 2166T, 2164T, 2162T, 2160T, 2158T, 2156T, 2154T, 2152T, 2150T, 2148T, 2146T, 2144T, 2142T, 2140T, 2138T, 2136T, 2134T, 2132T, 2130T, 2128T, 2126T, 2124T, 2122T, 2120T, 2118T, 2116T, 2114T, 2112T, 2110T, 2108T, 2106T, 2104T, 2102T, 2100T, 2098T, 2096T, 2094T, 2092T, 2090T, 2088T, 2086T, 2084T, 2082T, 2080T, 2078T, 2076T, 2074T, 2072T, 2070T, 2068T, 2066T, 2064T, 2062T, 2060T, 2058T, 2056T, 2054T, 2052T, 2050T, 2048T, 2046T, 2044T, 2042T, 2040T, 2038T, 2036T, 2034T, 2032T, 2030T, 2028T, 2026T, 2024T, 2022T, 2020T, 2018T, 2016T, 2014T, 2012T, 2010T, 2008T, 2006T, 2004T, 2002T, 2000T, 1998T, 1996T, 1994T, 1992T, 1990T, 1988T, 1986T, 1984T, 1982T, 1980T, 1978T, 1976T, 1974T, 1972T, 1970T, 1968T, 1966T, 1964T, 1962T, 1960T, 1958T, 1956T, 1954T, 1952T, 1950T, 1948T, 1946T, 1944T, 1942T, 1940T, 1938T, 1936T, 1934T, 1932T, 1930T, 1928T, 1926T, 1924T, 1922T, 1920T, 1918T, 1916T, 1914T, 1912T, 1910T, 1908T, 1906T, 1904T, 1902T, 1

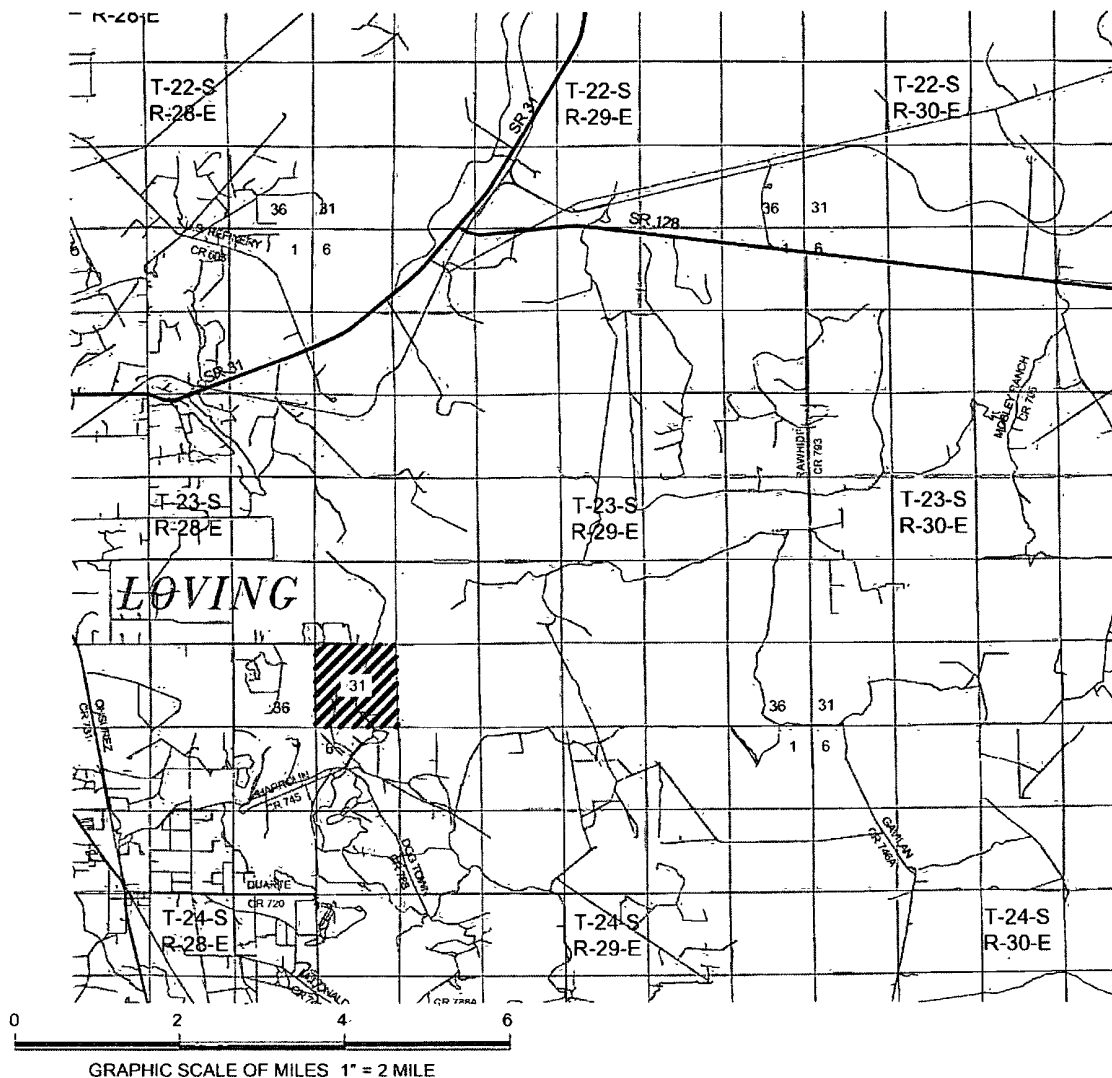
BEGINNING AT THE JUNCTION OF US 285 AND COUNTY ROAD 720. GO EAST ON COUNTY ROAD 720 0.8 MILES TO HARROUN ROAD ON THE LEFT. GO NORTH/NORTHEAST ON HARROUN ROAD FOR 3.1 MILES TO A FORK IN THE ROAD. CONTINUE NORTH, LEFT, ON SAID HARROUN RD 230 FEET TO A LEASE ROAD TO THE LEFT. GO NORTH 0.5 MILES AND LOCATION IS ±380 FEET TO THE EAST.



devon

JOB No. WTC48539

VICINITY MAP



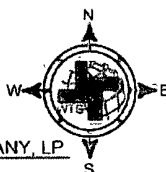
SECTION 31, T 23 S, R 29 E, N.M.P.M.

COUNTY: EDDY STATE: NM

DESCRIPTION: 330' FSL & 1355' FWL

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, LP

WELL NAME: HARROUN TRUST 31-30 #3H



DRIVING DIRECTIONS

BEGINNING AT THE JUNCTION OF US 285 AND COUNTY ROAD 720. GO EAST ON COUNTY ROAD 720 0.8 MILES TO HARROUN ROAD ON THE LEFT. GO NORTH/NORTHEAST ON HARROUN ROAD FOR 3.1 MILES TO A FORK IN THE ROAD. CONTINUE NORTH LEFT, ON SAID HARROUN RD 230 FEET TO A LEASE ROAD TO THE LEFT. GO NORTH 0.5 MILES AND LOCATION IS ±380 FEET TO THE EAST.

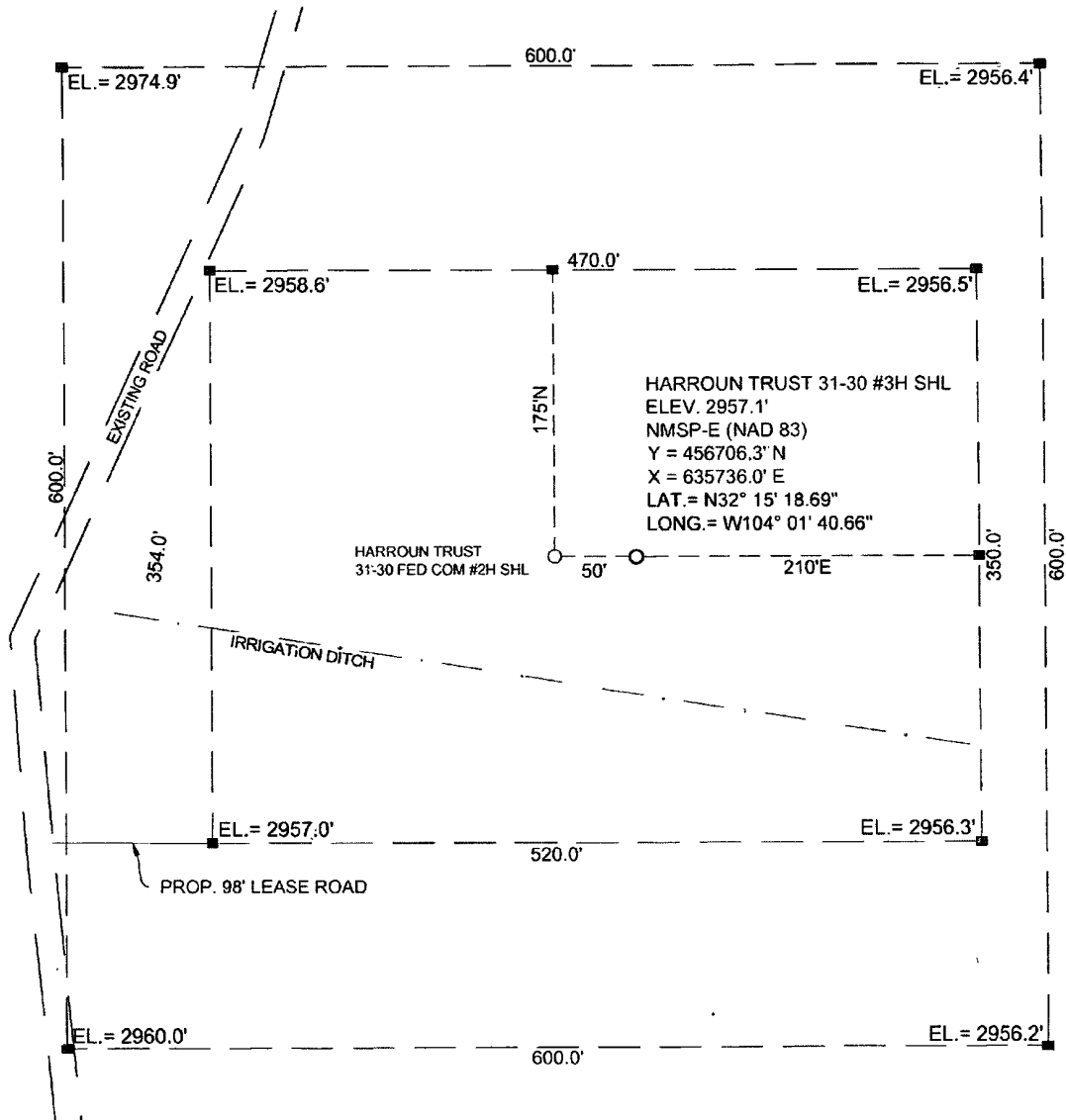


WEST TEXAS CONSULTANTS, INC.
ENGINEERS PLANNERS SURVEYORS
405 S W 1st STREET
ANDREWS, TEXAS 79714
(432) 523-2181



JOB No.: WTC48539

SITE LOCATION



SCALE: 1" = 100'

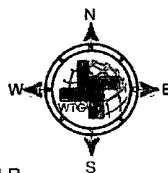
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ANDREWS, TEXAS 79714
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JOB No.: WTC48539

WELL Devon Harroun Trust 31-30 #3H						FIELD NM Eddy County (NAD 83)						STRUCTURE					
Magnetic Parameters Model BGCN 3017						Surface Location Loc N 32 15 18 691 Northing 454706 J0 HUS Onl Com 0 161° Mag Dec 7.732° Easting 653736 J0 HUS Scale Fm 1 0.99991930						Miscellaneous Stat Harroun Trust 31-30 #3H TWD Ref k8q5982 18 above 1 Plan REV# SEB 25-OCT 12 Srvy Date October 29, 2012					

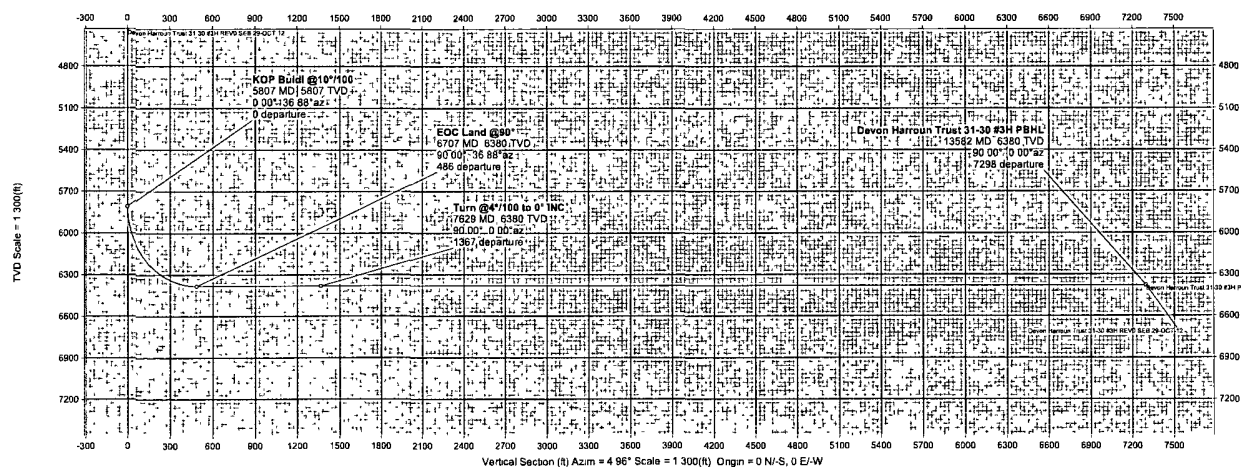
Legend

Devon Harbour Trust 31-30 R3H REV0 REC 29-OCT 12

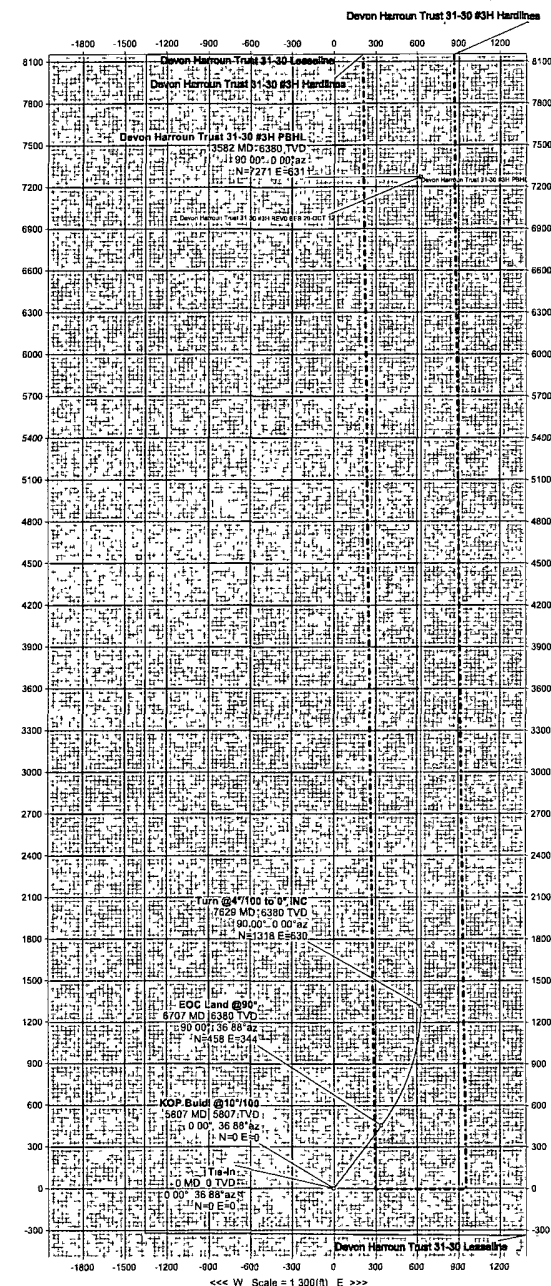


Grid North
Total run (M) = 67.5694
Mag Dec (7712°)

Critical Points																
Comments	Survey MD(ft)	Inclination(deg)	Azimuth(deg)	TVD(ft)	Sub-Sea TVD	VS(ft)	NS(ft)	EW(ft)	Latitude(deg)	Longitude(deg)	Easting(ftUS)	Northing(ftUS)	Closure(ft)	Closure Azimuth(deg)	DLS%/100ft	Tool Face(deg)
Tie-In	0.00	0.00	36.88	0.00	-2892.10	0.00	0.00	0.00	N 32 15 18.681	W 104 1 40.654	635736.00	456706.30	0.00	0.00		36.88
KOP Build @10°/100'	5807.04	0.00	36.88	5807.04	2824.94	0.00	0.00	0.00	N 32 15 18.681	W 104 1 40.654	635736.00	456706.30	0.00	0.00	0.00	36.88
EOC Land @90°	6700.74	90.00	36.88	6380.00	3397.90	486.32	458.31	343.86	N 32 15 23.218	W 104 1 36.684	636079.83	457164.57	572.96	36.88	10.00	40.00
Turn @4°/100' to 0° INC	7628.93	80.00	0.00	6380.00	3397.90	1367.40	1317.83	630.49	N 32 15 31.713	W 104 1 33.278	636366.43	458024.02	1460.89		25.57	4.00
Devin Haroun Trust 31-30 #34 PBHL	13682.20	90.00	0.00	6380.00	3397.90	7238.43	7271.10	630.95	N 32 16 30.621	W 104 1 33.074	636366.90	463976.80	7238.43		4.96	0.00



: << S Scale = 1 300(ft) N >>>



```
<<< W Scale = 1 300(0) E >>>
```

Drawn By Sam Bittle
Date Created October 29, 2012 11:34:53 AM
Checked By
Checked Date
Approved By
Approved Date

Devon Harroun Trust 31-30 #3H REV0 SEB 29-OCT-12 Proposal Geodetic Report (Def Plan)

Report Date: October 29, 2012 - 11 29 AM
Client: Devon
Field: NM Eddy County (NAD 83)
Structure / Slot: Devon Harroun Trust 31-30 #3H / Devon Harroun Trust 31-30 #3H
Well: Devon Harroun Trust 31-30 #3H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Devon Harroun Trust 31-30 #3H REV0 SEB 29-OCT-12
Survey Date: October 29, 2012
Tort / AHD / DDI / ERD Ratio: 126 876 ° / 7448 115 ft / 6 304 / 1 167
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 15' 18 69080", W 104° 1' 40 68366"
Location Grid N/E Y/X: N 456706 300 RUS, E 635736 000 RUS
CRS Grid Convergence Angle: 0 1630 °
Grid Scale Factor: 0 9999193

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 4 959 ° (Grnd North)
Vertical Section Origin: 0 000 ft, 0 000 ft
TVD Reference Datum: KB
TVD Reference Elevation: 2982 100 ft above
Seabed / Ground Elevation: 2957 100 ft above
Magnetic Declination: 7.732 °
Total Gravity Field Strength: 999 2095 mgn (9 8 based)
Total Magnetic Field Strength: 48433 724 nT
Magnetic Dip Angle: 60 081 °
Declination Date: October 29, 2012
Magnetic Declination Model: BGGM 2012
North Reference: Grnd North
Grnd Convergence Used: 0 1630 °
Total Corr Mag North->Grnd North: 7 5694 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Tie-In	0 00	0 00	36 88	0 00	0 00	0 00	0 00	N/A	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	100 00	0 00	36 88	100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	200 00	0 00	36 88	200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	300 00	0 00	36 88	300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	400 00	0 00	36 88	400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	500 00	0 00	36 88	500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	600 00	0 00	36 88	600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	700 00	0 00	36 88	700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	800 00	0 00	36 88	800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	900 00	0 00	36 88	900 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1000 00	0 00	36 88	1000 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1100 00	0 00	36 88	1100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1200 00	0 00	36 88	1200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1300 00	0 00	36 88	1300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1400 00	0 00	36 88	1400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1500 00	0 00	36 88	1500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1600 00	0 00	36 88	1600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1700 00	0 00	36 88	1700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1800 00	0 00	36 88	1800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	1900 00	0 00	36 88	1900 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2000 00	0 00	36 88	2000 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2100 00	0 00	36 88	2100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2200 00	0 00	36 88	2200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2300 00	0 00	36 88	2300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2400 00	0 00	36 88	2400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2500 00	0 00	36 88	2500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2600 00	0 00	36 88	2600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2700 00	0 00	36 88	2700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2800 00	0 00	36 88	2800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	2900 00	0 00	36 88	2900 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3000 00	0 00	36 88	3000 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3100 00	0 00	36 88	3100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3200 00	0 00	36 88	3200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3300 00	0 00	36 88	3300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3400 00	0 00	36 88	3400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3500 00	0 00	36 88	3500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3600 00	0 00	36 88	3600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3700 00	0 00	36 88	3700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3800 00	0 00	36 88	3800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	3900 00	0 00	36 88	3900 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4000 00	0 00	36 88	4000 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4100 00	0 00	36 88	4100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4200 00	0 00	36 88	4200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4300 00	0 00	36 88	4300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4400 00	0 00	36 88	4400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4500 00	0 00	36 88	4500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4600 00	0 00	36 88	4600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4700 00	0 00	36 88	4700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4800 00	0 00	36 88	4800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	4900 00	0 00	36 88	4900 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5000 00	0 00	36 88	5000 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5100 00	0 00	36 88	5100 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5200 00	0 00	36 88	5200 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5300 00	0 00	36 88	5300 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5400 00	0 00	36 88	5400 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5500 00	0 00	36 88	5500 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5600 00	0 00	36 88	5600 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5700 00	0 00	36 88	5700 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	
	5800 00	0 00	36 88	5800 00	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69 W 104 1 40 66	

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 ° ' ")
KOP Buidl @10°/100	5807 04	0 00	36 88	5807 04	0 00	0 00	0 00	0 00	456706 30	635736 00	N 32 15 18 69	W 104 1 40 66
	5900 00	9 30	36 88	5899 59	6 39	6 02	4 52	10 00	456712 32	635740 52	N 32 15 18 75	W 104 1 40 61
	6000 00	19 30	36 88	5996 37	27 32	25 75	19 32	10 00	456732 04	635755 31	N 32 15 18 94	W 104 1 40 44
	6100 00	29 30	36 88	6087 40	62 20	58 62	43 98	10 00	456764 91	635779 97	N 32 15 19 27	W 104 1 40 15
	6200 00	39 30	36 88	6169 91	109 96	103 63	77 75	10 00	456809 92	635813 74	N 32 15 19 71	W 104 1 39 75
	6300 00	49 30	36 88	6241 39	169 16	159 42	119 61	10 00	456865 71	635855 60	N 32 15 20 26	W 104 1 39 27
	6400 00	59 30	36 88	6299 68	238 00	224 29	168 28	10 00	456930 57	635904 27	N 32 15 20 91	W 104 1 38 70
	6500 00	69 30	36 88	6343 00	314 38	296 28	222 29	10 00	457002 55	635958 27	N 32 15 21 62	W 104 1 38 07
	6600 00	79 30	36 88	6370 03	395 99	373 18	279 99	10 00	457079 45	636015 97	N 32 15 22 38	W 104 1 37 39
	6700 00	89 30	36 88	6379 95	480 34	452 67	339 63	10 00	457158 94	636075 60	N 32 15 23 16	W 104 1 36 69
EOC Land @90°	6707 04	90 00	36 88	6380 00	486 32	458 31	343 86	10 00	457164 57	636079 83	N 32 15 23 22	W 104 1 36 64
	6800 00	90 00	33 16	6380 00	566 76	534 42	397 19	4 00	457240 68	636133 16	N 32 15 23 97	W 104 1 36 02
	6900 00	90 00	29 16	6380 00	656 46	619 98	448 93	4 00	457326 22	636184 89	N 32 15 24 81	W 104 1 35 42
	7000 00	90 00	25 16	6380 00	749 03	708 93	494 57	4 00	457415 17	636230 53	N 32 15 25 69	W 104 1 34 88
	7100 00	90 00	21 16	6380 00	844 01	800 85	533 89	4 00	457507 08	636269 85	N 32 15 26 60	W 104 1 34 42
	7200 00	90 00	17 16	6380 00	940 93	855 29	566 71	4 00	457601 52	636302 66	N 32 15 27 53	W 104 1 34 03
	7300 00	90 00	13 16	6380 00	1039 33	991 79	592 86	4 00	457698 01	636328 81	N 32 15 28 49	W 104 1 33 73
	7400 00	90 00	9 16	6380 00	1138 72	1089 88	612 21	4 00	457796 09	636348 16	N 32 15 29 46	W 104 1 33 50
	7500 00	90 00	5 16	6380 00	1238 63	1189 08	624 68	4 00	457895 28	636360 63	N 32 15 30 44	W 104 1 33 35
	7600 00	90 00	1 16	6380 00	1338 56	1288 91	630 19	4 00	457995 10	636366 14	N 32 15 31 43	W 104 1 33 28
Turn @4°/100 to 0° INC	7628 93	90 00	0 00	6380 00	1367 40	1317 83	630 49	4 00	458024 02	636366 43	N 32 15 31 71	W 104 1 33 28
	7700 00	90 00	0 00	6380 00	1438 21	1388 90	630 49	0 00	458095 09	636366 44	N 32 15 32 42	W 104 1 33 28
	7800 00	90 00	0 00	6380 00	1537 84	1488 90	630 50	0 00	458195 08	636366 45	N 32 15 33 41	W 104 1 33 27
	7900 00	90 00	0 00	6380 00	1637 46	1588 90	630 51	0 00	458295 07	636366 46	N 32 15 34 40	W 104 1 33 27
	8000 00	90 00	0 00	6380 00	1737 09	1688 90	630 51	0 00	458395 06	636366 46	N 32 15 35 38	W 104 1 33 27
	8100 00	90 00	0 00	6380 00	1836 72	1788 90	630 52	0 00	458495 05	636366 47	N 32 15 36 37	W 104 1 33 26
	8200 00	90 00	0 00	6380 00	1936 34	1888 90	630 53	0 00	458595 06	636366 48	N 32 15 37 36	W 104 1 33 26
	8300 00	90 00	0 00	6380 00	2035 97	1988 90	630 54	0 00	458695 04	636366 49	N 32 15 38 35	W 104 1 33 25
	8400 00	90 00	0 00	6380 00	2135 59	2088 90	630 55	0 00	458795 03	636366 49	N 32 15 39 34	W 104 1 33 25
	8500 00	90 00	0 00	6380 00	2235 22	2188 90	630 55	0 00	458895 02	636366 50	N 32 15 40 33	W 104 1 33 25
	8600 00	90 00	0 00	6380 00	2334 85	2288 90	630 56	0 00	458995 02	636366 51	N 32 15 41 32	W 104 1 33 24
	8700 00	90 00	0 00	6380 00	2434 47	2388 90	630 57	0 00	459095 01	636366 52	N 32 15 42 31	W 104 1 33 24
	8800 00	90 00	0 00	6380 00	2534 10	2488 90	630 58	0 00	459195 00	636366 53	N 32 15 43 30	W 104 1 33 24
	8900 00	90 00	0 00	6380 00	2633 73	2588 90	630 59	0 00	459294 99	636366 53	N 32 15 44 29	W 104 1 33 23
	9000 00	90 00	0 00	6380 00	2733 35	2688 90	630 59	0 00	459394 98	636366 54	N 32 15 45 28	W 104 1 33 23
	9100 00	90 00	0 00	6380 00	2832 98	2788 90	630 60	0 00	459494 97	636366 55	N 32 15 46 27	W 104 1 33 23
	9200 00	90 00	0 00	6380 00	2932 61	2888 90	630 61	0 00	459594 97	636366 56	N 32 15 47 26	W 104 1 33 22
	9300 00	90 00	0 00	6380 00	3032 23	2988 90	630 62	0 00	459694 96	636366 56	N 32 15 48 25	W 104 1 33 22
	9400 00	90 00	0 00	6380 00	3131 86	3088 90	630 62	0 00	459794 95	636366 57	N 32 15 49 24	W 104 1 33 22
	9500 00	90 00	0 00	6380 00	3231 48	3188 90	630 63	0 00	459894 94	636366 58	N 32 15 50 23	W 104 1 33 21
	9600 00	90 00	0 00	6380 00	3331 11	3288 90	630 64	0 00	459994 93	636366 59	N 32 15 51 22	W 104 1 33 21
	9700 00	90 00	0 00	6380 00	3430 74	3388 90	630 65	0 00	460094 92	636366 60	N 32 15 52 21	W 104 1 33 21
	9800 00	90 00	0 00	6380 00	3530 36	3488 90	630 66	0 00	460194 92	636366 60	N 32 15 53 20	W 104 1 33 20
	9900 00	90 00	0 00	6380 00	3629 99	3588 90	630 66	0 00	460294 91	636366 61	N 32 15 54 19	W 104 1 33 20
	10000 00	90 00	0 00	6380 00	3729 62	3688 90	630 67	0 00	460394 90	636366 62	N 32 15 55 17	W 104 1 33 20
	10100 00	90 00	0 00	6380 00	3829 24	3788 90	630 68	0 00	460494 89	636366 63	N 32 15 56 16	W 104 1 33 19
	10200 00	90 00	0 00	6380 00	3928 87	3888 90	630 69	0 00	460594 88	636366 64	N 32 15 57 15	W 104 1 33 19
	10300 00	90 00	0 00	6380 00	4028 49	3988 90	630 70	0 00	460694 87	636366 64	N 32 15 58 14	W 104 1 33 19
	10400 00	90 00	0 00	6380 00	4128 12	4088 90	630 70	0 00	460794 86	636366 65	N 32 15 59 13	W 104 1 33 18
	10500 00	90 00	0 00	6380 00	4227 75	4188 90	630 71	0 00	460894 86	636366 66	N 32 16 0 12	W 104 1 33 18
	10600 00	90 00	0 00	6380 00	4327 37	4288 90	630 72	0 00	460994 85	636366 67	N 32 16 1 11	W 104 1 33 18
	10700 00	90 00	0 00	6380 00	4427 00	4388 90	630 73	0 00	461094 84	636366 67	N 32 16 2 10	W 104 1 33 17
	10800 00	90 00	0 00	6380 00	4526 63	4488 90	630 73	0 00	461194 83	636366 68	N 32 16 3 09	W 104 1 33 17
	10900 00	90 00	0 00	6380 00	4626 25	4588 90	630 74	0 00	461294 82	636366 69	N 32 16 4 08	W 104 1 33 17
	11000 00	90 00	0 00	6380 00	4725 88	4688 90	630 75	0 00	461394 82	636366 70	N 32 16 5 07	W 104 1 33 16
	11100 00	90 00	0 00	6380 00	4825 50	4788 90	630 76	0 00	461494 81	636366 71	N 32 16 6 06	W 104 1 33 16
	11200 00	90 00	0 00	6380 00	4925 13	4888 90	630 77	0 00	461594 80	636366 71	N 32 16 7 05	W 104 1 33 16
	11300 00	90 00	0 00	6380 00	5024 76	4988 90	630 77	0 00	461694 79	636366 72	N 32 16 8 04	W 104 1 33 15
	11400 00	90 00	0 00	6380 00	5124 38	5088 90	630 78	0 00	461794 78	636366 73	N 32 16 9 03	W 104 1 33 15
	11500 00	90 00	0 00	6380 00	5224 01	5188 90	630 79	0 00	461894 78	636366 74	N 32 16 10 02	W 104 1 33 15
	11600 00	90 00	0 00	6380 00	5323 64	5288 90	630 80	0 00	461994 77	636366 74	N 32 16 11 01	W 104 1 33 14
	11700 00	90 00	0 00	6380 00	5423 26	5388 90	630 80	0 00	462094 76	636366 75	N 32 16 12 00	W 104 1 33 14
	11800 00	90 00	0 00	6380 00	5522 89	5488 90	630 81	0 00	462194 75	636366 76	N 32 16 12 99	W 104 1 33 14
	11900 00	90 00	0 00	6380 00	5622 52	5588 90	630 82	0 00	462294 74	636366 77	N 32 16 13 98	W 104 1 33 13
	12000 00	90 00	0 00	6380 00	5722 14	5688 90	630 83	0 00	462394 73	636366 78	N 32 16 14 96	W 104 1 33 13
	12100 00	90 00	0 00	6380 00	5821 77	5788 90	630 84	0 00	462494 73	636366 78	N 32 16 15 95	W 104 1 33 12
	12200 00	90 00	0 00	6380 00	5921 39	5888 90	630 84	0 00	462594 72	636366 79	N 32 16 16 94	W 104 1 33 12
	12300 00	90 00	0 00	6380 00	6021 02	5988 90	630 85	0 00	462694 71	636366 80	N 32 16 17 93	W 104 1 33 12
	12400 00	90 00	0 00	6380 00	6120 65	6088 90	630 86	0 00	462794 70	636366 81	N 32 16 18 92	W 104 1 33 11
	12500 00	90 00	0 00	6380 00	6220 27	6188 90	630 87	0 00	462894 69	636366 82	N 32 16 19 91	W 104 1 33 11
	12600 00	90 00	0 00	6380 00	6319 90	6288 90	630 88	0 00	462994 68	636366 82	N 32 16 20 90	W 104 1 33 11
	12700 00	90 00	0 00	6380 00	6419 53	6388 90	630 88	0 00	463094 68	636366 83	N 32 16 21 89	W 104 1 33 10
	12800 00	90 00	0 00	6380 00	6519 15	6488 90	630 89	0 00	463194 67	636366 84	N 32 16 22 88	W 104 1 33 10
	12900 00	90 00	0 00	6380 00	6618 78	6588 90	630 90	0 00	463294 66	636366 85	N 32 16 23 87	W 104 1 33 10
	13000 00	90 00	0 00	6380 00	6718 40	6688 90	630 91	0 00	463394 65	636366 85	N 32 16 24 86	W 104 1 33 09
	13100 00	90 00	0 00	6380 00	6818 03	6788 90	630 91	0 00	463494 64	636366 86	N 32 16 25 85	W 104 1 33 09
	132											

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 ° ' ")
Devon Harroun Trust 31-30 #3H PBHL	13582.20	90.00	0.00	6380.00	7298.43	7271.10	630.95	0.00	463976.80	636366.90	N 32 16 30.62 W 104 1 33.07	

Survey Type: Def Plan

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

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	25.000	1/100.000	30.000	30.000	SLB_MWD-STD-Depth Only	Original Borehole / Devon Harroun Trust 31-30 #3H REV0
	25.000	13582.197	1/100.000	30.000	30.000	SLB_MWD-STD	Original Borehole / Devon Harroun Trust 31-30 #3H REV0

Devon Harroun Trust 31-30 #3H REV0 SEB 29-OCT-12 Anti-Collision Summary Report

Analysis Date-24hr Time: October 29, 2012 - 11 27
Client: Devon
Field: NM Eddy County (NAD 83)
Structure: Devon Harroun Trust 31-30 #3H
Slot: Devon Harroun Trust 31-30 #3H
Well: Devon Harroun Trust 31-30 #3H
Borehole: Original Borehole

Analysis Method: 3D Least Distance
Reference Trajectory: Devon Harroun Trust 31-30 #3H REV0 SEB 29-OCT-12 (Def Plan)
Depth Interval: Every 10 00 Measured Depth (ft)
Rule Set: D&M AntiCollision Standard S002 v5 1/5 2
Min Pts: All local minima indicated

Offset Trajectories Summary

Offset Selection Criteria

Wellhead distance scan
 Selection filters
 Global within 54592 7 ft
 Definitive Surveys - Definitive Plans - Definitive surveys exclude definitive plans
 - All Non-Def Surveys when no Def-Survey is set in a borehole - All Non-Def Plans when no Def-Plan is set in a borehole

Offset Trajectory	Separation			Allow Dev. (ft)	Sep Fact.	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)				MD (ft)	TVD (ft)	Alert	Minor	Major		

Devon Harroun Trust 31-30 #4H REV0 SEB 29-OCT-12 (Def Plan)													Pass
2583 68	32 81	2581 18	2550 87	N/A		MAS = 10 00 (m)	0 00	0 00					Surface
1212 55	339 50	984 90	873 06	5 40		OSF 1 50	13550 00	6380 00				MinPt-CtCt	
1212 62	340 01	984 63	872 60	5 40		OSF 1 50	13570 00	6380 00				MinPts	
1212 80	340 15	984 71	872 65	5 39		OSF 1 50	13582 20	6380 00				MinPt-O-SF	

Devon Harroun Trust 31-30 #5H REV0 SEB 29-OCT-12 (Def Plan)													Pass
2633 58	32 81	2631 08	2600 78	N/A		MAS = 10 00 (m)	0 00	0 00					Surface
2285 11	70 35	2237 31	2214 76	50 60		OSF 1 50	7130 00	6380 00				MinPt-CtCt	
2285 21	70 53	2237 30	2214 88	50 46		OSF 1 50	7140 00	6380 00				MinPts	
2444 72	79 96	2390 58	2364 76	47 23		OSF 1 50	7890 00	6380 00				MinPt-O-SF	
2532 69	330 39	2311 58	2202 30	11 58		OSF 1 50	13530 00	6380 00				MinPt-CtCt	
2533 17	331 88	2311 05	2201 29	11 53		OSF 1 50	13560 00	6380 00				MINPT-O-EOU	
2533 21	331 85	2311 05	2201 27	11 53		OSF 1 50	13582 20	6380 00				MinPts	

Chevron Sotral AV 26-2H Pilot Gyro Off-6458ft MD (Def Survey)													Pass
11275 49	32 81	11272 95	11242 65	280793 93		MAS = 10 00 (m)	0 00	0 00					MinPts
11273 85	32 81	11269 40	11241 04	5761 88		MAS = 10 00 (m)	460 00	460 00					MinPts
11274 25	32 81	11269 06	11241 44	4181 69		MAS = 10 00 (m)	610 00	610 00				MINPT-O-EOU	
11230 12	32 81	11211 32	11187 31	689 20		MAS = 10 00 (m)	3560 00	3560 00				MinPts	
11230 71	32 81	11209 52	11187 90	613 80		MAS = 10 00 (m)	4030 00	4030 00				MINPT-O-EOU	
11226 83	41 73	11197 87	11184 91	429 63		OSF 1 50	5840 00	5839 98				MinPt-CtCt	
11226 85	41 76	11197 85	11184 87	428 98		OSF 1 50	5850 00	5849 98				MINPT-O-EOU	
11226 70	41 85	11197 96	11184 86	428 32		OSF 1 50	5860 00	5859 92				MinPt-ADP	
10585 88	168 93	10472 43	10418 95	95 39		OSF 1 50	11490 00	6380 00				MinPt-CtCt	
10587 87	175 15	10470 27	10412 72	91 97		OSF 1 50	11700 00	6380 00				MINPT-O-EOU	
10590 58	178 39	10470 82	10412 19	90 30		OSF 1 50	11810 00	6380 00				MinPt-ADP	
10788 74	227 97	10636 93	10561 77	71 77		OSF 1 50	13582 20	6380 00				MinPt-O-SF	

Chevron Sotral AV 26-2H ST01 gyro+MWD Off to 11058ft (Def Survey)													Pass
11275 49	32 81	11272 95	11242 65	280793 93		MAS = 10 00 (m)	0 00	0 00					MinPts
11273 85	32 81	11269 40	11241 04	5761 88		MAS = 10 00 (m)	460 00	460 00					MinPts
11274 25	32 81	11269 06	11241 44	4181 69		MAS = 10 00 (m)	610 00	610 00				MINPT-O-EOU	
11230 12	32 81	11211 32	11187 31	689 20		MAS = 10 00 (m)	3560 00	3560 00				MinPts	
11230 71	32 81	11209 52	11187 90	613 80		MAS = 10 00 (m)	4030 00	4030 00				MINPT-O-EOU	
11227 03	41 59	11198 49	11185 47	431 12		OSF 1 50	5820 00	5820 00				MinPt-CtCt	
11227 06	41 61	11198 45	11185 45	430 47		OSF 1 50	5830 00	5829 98				MinPts	
10595 71	169 32	10481 99	10426 39	95 25		OSF 1 50	11510 00	6380 00				MinPt-CtCt	
10597 84	175 53	10479 98	10422 31	91 85		OSF 1 50	11720 00	6380 00				MINPT-O-EOU	
10600 32	178 48	10480 50	10421 84	90 33		OSF 1 50	11820 00	6380 00				MinPt-ADP	
10635 67	197 00	10503 50	10438 67	82 00		OSF 1 50	12430 00	6380 00				MinPt-ADP	
10645 45	201 76	10510 12	10443 70	80 12		OSF 1 50	12560 00	6380 00				MinPts	
10682 15	216 88	10536 73	10485 27	74 72		OSF 1 50	13020 00	6380 00				MinPts	
10728 54	235 75	10570 54	10492 79	68 98		OSF 1 50	13582 20	6380 00				MinPt-O-SF	

Chevron Pardue Farms 26-3 Gyro Off to 6058ft (Def Survey)													Pass
13004 16	32 81	13001 57	12971 35	147934 94		MAS = 10 00 (m)	0 00	0 00					MinPts
10657 46	235 84	10499 40	10421 62	68 49		OSF 1 50	13582 20	6380 00					MinPts

Chevron Pardue Farms 26-4 Gyros Off to 6150ft (Def Survey)													Pass
13945 41	32 81	13942 86	13912 60	264086 14		MAS = 10 00 (m)	0 00	0 00					MinPts
13895 12	32 81	13873 17	13862 31	714 53		MAS = 10 00 (m)	3700 00	3700 00					MinPts
13895 11	32 81	13872 56	13862 30	693 37		MAS = 10 00 (m)	3860 00	3860 00					MinPts
13895 30	33 15	13872 37	13862 15	679 83		OSF 1 50	3970 00	3970 00				MINPT-O-EOU	
13895 48	33 37	13872 40	13862 11	675 00		OSF 1 50	4010 00	4010 00				MinPt-ADP	
13895 54	33 54	13872 35	13862 01	671 61		OSF 1 50	4050 00	4050 00				MinPt-CtCt	
13895 93	34 62	13872 01	13861 31	648 87		OSF 1 50	4270 00	4270 00				MINPT-O-EOU	
13896 94	37 49	13871 11	13859 45	595 58		OSF 1 50	4880 00	4880 00				MINPT-O-EOU	
13898 13	38 84	13871 40	13859 28	573 49		OSF 1 50	5170 00	5170 00				MinPt-ADP	
10802 96	233 35	10848 33	10569 62	70 39		OSF 1 50	13582 20	6380 00				MinPts	

Chevron Pardue Farms 26-2 Inclination Only Off to 9777ft (Def Survey)													Pass
14603 48	32 81	14594 26	14570 87	2172 43		MAS = 10 00 (m)	0 00	0 00					Surface
11677 65	236 66	11518 85	11440 99	74 97		OSF 1 50	13582 20	6380 00					MinPts

Chevron Pardue Farms AV 26-1H Gyro+MWD Off to 9273ft (Def Survey)													Pass
14015 38	91 57	13953 51	13923 82	235 99		OSF 1 50	0 00	0 00					Surface
12389 79	106 16	12317 66	12283 60	181 83		OSF 1 50	5960 00	5958 19					MinPts
11781 65	205 09	11624 10	11556 57	87 07		OSF 1 50	11710 00	6380 00				MinPt-CtCt	
11783 36	210 23	11622 36	11553 13	84 93		OSF 1 50	11910 00	6380 00				MINPT-O-EOU	
11784 54	211 77	11622 52	11552 77	84 31		OSF 1 50	11970 00	6380 00				MinPts	
11785 90	204 75	11628 57	11581 16	87 25		OSF 1 50	12030 00	6380 00				MinPt-ADP	
11808 79	225 83	11657 34	11582 86	79 26		OSF 1 50	12900 00	6380 00				MinPt-O-SF	
11881 64	242 01	11699 47	11619 63	74 27		OSF 1 50	13582 20	6380 00				MinPt-O-SF	

Offset Trajectory	Separation			Allow Dev. (ft)	Sep Fact.	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)				MD (ft)	TVD (ft)	Alert	Minor	Major		
Chevron Soffat BC 26-1H Rev0 mnc 3-Apr-12 (Def Plan)													
	12454 70	32 81	12452 10	12421 90	120180 78	MAS = 10 00 (m)	0 00	0 00				Pass	
	12454 70	57 13	12415 79	12307 58	341 92	OSF 1 50	5807 04	5807 04				Surface	
	12454 73	57 24	12415 74	12307 49	341 20	OSF 1 50	5820 00	5820 00				MinPt-CtCt	
	12454 80	57 33	12415 74	12307 47	340 85	OSF 1 50	5830 00	5829 99				MINPT-O-EOU	
	11912 24	176 47	11783 78	11735 78	102 69	OSF 1 50	11590 00	6380 00				MinPt-O-ADP	
	11914 51	183 15	11781 58	11731 37	98 91	OSF 1 50	11820 00	6380 00				MinPt-CtCt	
	11917 17	186 33	11792 11	11730 83	97 22	OSF 1 50	11930 00	6380 00				MINPT-O-EOU	
	12078 12	232 79	11922 09	11845 33	78 66	OSF 1 50	13582 20	6380 00				MinPt-O-ADP	
												MinPt-O-SF	
Chevron Soffat BC 26-1H ST01 Rev0 mnc3-Apr-12 (Non-Def Plan)													
	12454 70	32 81	12452 10	12421 90	120180 78	MAS = 10 00 (m)	0 00	0 00				Pass	
	12454 70	53 58	12418 16	12401 14	365 78	OSF 1 50	5430 00	5430 00				Surface	
	12454 77	53 85	12418 04	12400 92	363 78	OSF 1 50	5480 00	5480 00				MinPt-CtCt	
	12454 89	53 99	12418 06	12400 90	362 74	OSF 1 50	5510 00	5510 00				MINPT-O-EOU	
	11934 20	178 10	11814 63	11756 10	101 92	OSF 1 50	11690 00	6380 00				MinPt-O-ADP	
	11938 90	186 12	11811 89	11750 78	97 49	OSF 1 50	11960 00	6380 00				MinPt-CtCt	
	11940 85	190 59	11812 76	11750 06	95 21	OSF 1 50	12110 00	6380 00				MINPT-O-EOU	
	12035 67	237 97	11876 19	11797 70	78 66	OSF 1 50	13582 20	6380 00				MinPt-O-ADP	
												MinPt-O-SF	
Chevron Purdue Farms AV 26-1H Gyro+ Inc. Only Off to 13100ft (Def Survey)													
	14103 40	32 81	14100 51	14070 59	35755 42	MAS = 10 00 (m)	0 00	0 00				Pass	
	14030 03	43 00	14000 53	13987 03	519 70	OSF 1 50	4780 00	4780 00				Surface	
	14030 00	44 11	13999 75	13985 88	505 77	OSF 1 50	4970 00	4970 00				MinPt-CtCt	
	14030 14	44 81	13999 56	13985 53	499 73	OSF 1 50	5070 00	5070 00				MinPt-CtCt	
	14029 09	49 20	13996 33	13980 77	450 74	OSF 1 50	5920 00	5919 27				MINPT-O-EOU	
	14030 16	49 77	13996 14	13980 38	445 20	OSF 1 50	6030 00	6024 42				MinPt-O-ADP	
	14030 38	50 04	13996 19	13980 34	442 83	OSF 1 50	6080 00	6069 79				MinPt-CtCt	
	14034 16	53 81	13997 45	13980 35	410 20	OSF 1 50	6407 04	6303 24				MINPT-O-EOU	
	11948 97	237 43	11790 85	11712 54	78 28	OSF 1 50	13582 20	6380 00				MinPt-O-ADP	
												MinPts	
Survey-Chevron Heritage 2-15 #1H Gyro+MWD Off to 12352ft (Def Survey)													
	22074 33	32 81	22066 19	22041 53	3908 91	MAS = 10 00 (m)	0 00	0 00				Pass	
	22099 41	78 95	22017 28	21992 46	444 63	OSF 1 50	930 00	930 00				Surface	
	22070 28	82 46	22014 47	21987 82	413 99	OSF 1 50	1200 00	1200 00				MinPt-CtCt	
	22070 35	82 52	22014 50	21987 83	413 68	OSF 1 50	1210 00	1210 00				MinPts	
	22035 08	194 00	21904 90	21841 09	172 80	OSF 1 50	3690 00	3690 00				MinPt-O-SF	
	22035 07	193 62	21905 15	21841 45	172 85	OSF 1 50	3720 00	3720 00				MinPts	
	18043 66	512 76	17700 16	17530 90	53 29	OSF 1 50	13582 20	6380 00				MinPt-CtCt	
												MinPts	
Chevron Heritage 2-15 #1H Gyro Off to 8448ft MD (Def Survey)													
	22074 33	32 81	22066 19	22041 53	3908 91	MAS = 10 00 (m)	0 00	0 00				Pass	
	22099 41	78 95	22017 28	21992 46	444 63	OSF 1 50	930 00	930 00				Surface	
	22070 28	82 46	22014 47	21987 82	413 99	OSF 1 50	1200 00	1200 00				MinPt-CtCt	
	22070 35	82 52	22014 50	21987 83	413 68	OSF 1 50	1210 00	1210 00				MinPts	
	22035 08	194 00	21904 90	21841 09	172 80	OSF 1 50	3690 00	3690 00				MinPt-O-SF	
	22035 07	193 62	21905 15	21841 45	172 85	OSF 1 50	3720 00	3720 00				MinPts	
	18055 49	514 60	17710 77	17540 89	53 13	OSF 1 50	13582 20	6380 00				MinPt-CtCt	
												MinPts	
Chevron Nymeyer A-3 Offset Inclination only Off to 6450ft (Def Survey)													
	23425 98	32 81	23423 16	23393 17	74017 65	MAS = 10 00 (m)	0 00	0 00				Pass	
	19181 56	1212 04	18351 73	17949 52	23 81	OSF 1 50	13582 20	6380 00				MinPts	
												MinPts	
Chevron Nymeyer 1 Offset Gyros Off to 9000ft (Def Survey)													
	24101 32	32 81	24098 66	24068 52	148115 34	MAS = 10 00 (m)	0 00	0 00				Pass	
	19481 32	209 25	19339 92	19272 07	143 52	OSF 1 50	13582 20	6380 00				Surface	
												MinPts	
Chevron Heritage 2 15 #2H Rev1 MDT 10-OCT-12 (Def Plan)													
	23253 06	32 81	23250 44	23220 26	181307 12	MAS = 10 00 (m)	0 00	0 00				Pass	
	19811 55	225 82	19459 43	19385 72	133 00	OSF 1 50	13582 20	6380 00				Surface	
												MinPts	
Chevron Nymeyer A-2 Offset Inclination only Off to 8148ft (Def Survey)													
	24411 27	32 81	24408 34	24378 46	57568 44	MAS = 10 00 (m)	0 00	0 00				Pass	
	24423 68	53 63	24387 09	24370 05	716 41	OSF 1 50	1170 00	1170 00				MinPts	
	19789 37	1057 19	19082 64	18732 18	28 23	OSF 1 50	13582 20	6380 00				MINPT-O-EOU	
												MinPts	
Chevron Nymeyer A-1 Offset Inclination Only Off to 6390ft (Def Survey)													
	25372 87	32 81	25369 92	25340 06	56459 89	MAS = 10 00 (m)	0 00	0 00				Pass	
	20609 83	818 63	20063 22	19793 01	38 12	OSF 1 50	13582 20	6380 00				MinPts	
												MinPts	
Chesapeake PLU Big Sinks 26 Federal 1H Rev0 LDH 22-Sep-09 (Def Plan)													
	41083 81	112 70	41006 80	40970 92	572 36	OSF 1 50	0 00	0 00				Pass	
	40383 84	119 40	40302 04	40264 44	536 88	OSF 1 50	5890 00	5889 71				Surface	
	40383 84	119 42	40302 03	40264 42	536 81	OSF 1 50	5900 00	5899 59				MinPt-CtCt	
	46189 98	167 28	46057 63	46002 70	420 26	OSF 1 50	13582 20	6380 00				MinPts	
												MinPt-O-SF	
Southwestern Carlsbad 11 3H Rev0 LDH 11-Nov-05 (Non-Def Plan)													
	44148 28	32 81	44144 78	44115 47	43359 86	MAS = 10 00 (m)	0 00	0 00				Pass	
	44148 28	48 23	44115 29	44100 05	1448 18	OSF 1 50	4730 00	4730 00				Surface	
	44148 49	48 87	44115 07	44099 81	1427 98	OSF 1 50	4870 00	4870 00				MinPt-CtCt	
	44148 76	49 20	44115 13	44098 56	1418 07	OSF 1 50	4940 00	4940 00				MINPT-O-EOU	
	50208 38	132 93	50118 93	50075 45	577 38	OSF 1 50	13582 20	6380 00				MinPt-O-ADP	
												MinPt-O-SF	
Survey Oxy Devon 8 Fee 2H Gyro+MWD Off to 12121ft (Def Survey)													
	47128 43	32 81	47125 17	47095 62	62219 77	MAS = 10 00 (m)	0 00	0 00				Pass	
												Surface	

Offset Trajectory	Separation			Allow	Sep	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev (ft)	Fact		MD (ft)	TVD (ft)	Alert	Minor	Major		
47127 23	32 81	47123 18	47094 42	30468 44	MAS = 10 00 (m)	370 00	370 00					MinPts	
47111 18	32 81	47097 72	47078 37	4300 40	MAS = 10 00 (m)	2240 00	2240 00					MinPts	
47111 63	32 81	47097 29	47078 82	3978 94	MAS = 10 00 (m)	2460 00	2460 00					MINPT-O-EQU	
47111 76	32 81	47097 30	47078 95	3838 24	MAS = 10 00 (m)	2490 00	2490 00					MinPt-O-SF	
47111 39	32 81	47094 99	47078 58	3389 88	MAS = 10 00 (m)	2970 00	2970 00					MinPts	
47111 88	32 81	47094 11	47078 07	3083 82	MAS = 10 00 (m)	3320 00	3320 00					MINPT-O-EQU	
47112 47	32 81	47093 99	47079 66	2948 53	MAS = 10 00 (m)	3520 00	3520 00					MINPT-O-EQU	
47113 78	32 81	47093 54	47080 98	2654 79	MAS = 10 00 (m)	3990 00	3990 00					MINPT-O-EQU	
47119 99	34 77	47095 98	47085 22	2180 23	OSF 1 50	4900 00	4900 00					MinPt-O-ADP	
47122 31	36 95	47096 85	47085 37	2051 73	OSF 1 50	5220 00	5220 00					MinPt-O-ADP	
47125 21	39 57	47098 00	47095 64	1906 92	OSF 1 50	5590 00	5590 00					MinPt-O-ADP	
47855 78	45 34	47824 72	47810 44	1688 69	OSF 1 50	6860 00	6378 07					MinPt-O-SF	
47702 38	45 37	47871 30	47857 01	1689 18	OSF 1 50	6707 04	6380 00					MinPt-O-SF	
53874 34	99 44	53807 22	53774 91	833 60	OSF 1 50	13582 20	6380 00					MinPt-O-SF	