

Intermountain GEO TECH  
DST & SHOW SHEET

SHOW # 1

INTERVAL 5812

TO 5832

DATE 11/6/84

COMPANY: WINTERSHALL OIL



WELL: #23-31 ROADRU

FIELD: ROADRUNNER

	BEFORE SHOW	DURING SHOW	AFTER SHOW
DRILLING RATE	10 min/ft	6 min/ft	10 min/ft
TOTAL GAS UNITS	10	28	10
%METHANE	.06	.28	.07
%ETHANE	.02	.07	.01
%PROPANE	.02	.07	.01
%BUTANE (ISO)	--	--	--
%BUTANE (NORM)	--	--	--
%PENTANES	--	--	--

SAMPLE LITHOLOGY:

SAMPLE FLUO-CUT:

DST # 1

INTERVAL 5785

TO 5847

DATE 11/6/84

	TIME Min.	Top Chart	Bottom Chart
INITIAL HYDROSTATIC		3061	3084
INITIAL OPEN	15	460 - 1063	572 - 1102
INITIAL SHUT-IN	60	2142	2153
SECOND OPEN	60	1090 - 1980	1143 - 2018
SECOND SHUT-IN	180	2142	2153

FINAL HYDROSTATIC

3061

3057

BHT (°F): 134° F

1ST FLOW:

2ND FLOW:

REMARKS

DRILL PIPE RECOVERY: est 9.36 bbl H<sub>2</sub>O, 10.92 bbl H<sub>2</sub>O&G, 17.16 bbl GCO, 9.36 bbl O&GC saltwater  
28.08 bbl GC saltwater

SAMPLE CHAMBER REC: sample chamber leaked - invalid

	WT ppm	R/W	NITRATES ppm	CHLORIDES ppm	CHROMATES ppm
Drill Pipe: Top:	/	at . . . .°F/	/	/	/
Middle:	/	at . . . .°F/	/	/	/
Bottom:	/	at . . . .°F/	/	/	/
SAMPLE CHMR:	/	at . . . .°F/	/	/	/
PIT MUD:	/	at . . . .°F/	/	/	/
(GAUGED FLOW: )					

GEO-TECHNOLOGIST: Jan A. Johnson - Terry Daoust



Intermountain GEO TECH  
DST & SHOW SHEET

SHOW # \_\_\_\_\_ INTERVAL \_\_\_\_\_ TO \_\_\_\_\_ DATE \_\_\_\_\_  
 COMPANY: WINTERSHALL OIL & GAS COPR.  
 WELL: #23-31 ROADRUNNER  
 FIELD: ROADRUNNER

BEFORE SHOW                      DURING SHOW                      AFTER SHOW

DRILLING RATE \_\_\_\_\_  
 TOTAL GAS UNITS \_\_\_\_\_  
 %METHANE \_\_\_\_\_  
 %ETHANE \_\_\_\_\_  
 %PROPANE \_\_\_\_\_  
 %BUTANE (ISO) \_\_\_\_\_  
 %BUTANE (NORM) \_\_\_\_\_  
 %PENTANES \_\_\_\_\_

SAMPLE LITHOLOGY: \_\_\_\_\_

SAMPLE FLUO-CUT: \_\_\_\_\_

DST #	2	INTERVAL	5840	TO	5883	PRESSURE (psi)	DATE	11/8/84
		TIME						
		Min.		Top Chart			Bottom Chart	
INITIAL HYDROSTATIC				3102			3139	
INITIAL OPEN	-----	15	-----	95 = 108	-----		174 = 201	-----
INITIAL SHUT-IN	-----	30	-----	1454	-----		1465	-----
SECOND OPEN	-----	60	-----	122 = 149	-----		148 = 188	-----
SECOND SHUT-IN	-----	120	-----	1764	-----		1789	-----

FINAL HYDROSTATIC \_\_\_\_\_  
 3088 \_\_\_\_\_ 3112

BHT (°F): 136° F

1ST FLOW: weak - moderate blow NGTS

2NE FLOW: strong blow NGTS

REMARKS \_\_\_\_\_

DRILL PIPE RECOVERY: 250' gas 470' SI O&GCM, tr water

SAMPLE CHAMBER REC: 1045 psi 825 cc fluid - oil-mud foamy w/gas 3.99 cf gas

	WT	R/W	NITRATES	CHLORIDES	CHROMATES
	ppm		ppm	ppm	ppm
Drill Pipe: Top: /	.911	/	at .52 . . °F/	/	/
Middle: /	1.25	/	at .52 . . °F/	/	/
Bottom: /	.93	/	at .52 . . °F/	/	/
SAMPLE CHMR: /		/	at . . . . °F/	/	/
PIT MUD: /		/	at . . . . °F/	/	/
(GAUGED FLOW: )				/	/

GEO-TECHNOLOGIST: Jan A. Johnson - Terry Daoust

WINTERSHALL OIL & GAS CORP.  
 UTE MOUNTAIN TRIBAL  
 #23-31 ROADRUNNER  
 SEC. 23, T33½N-R20W  
 MONTEZUMA COUNTY, COLORADO

CORE #1 DESCRIPTION

5786 - 5846 CUT 60' RECOVERED 60'

DEPTH	SAMPLE DESCRIPTION
5786 - 87	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS FR FLOR N CUT N VIS POR
5787 - 88	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS FR FLOR N CUT N VIS POR
5788 - 89	LS - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5789 - 90	LS - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5790 - 91	LS - LT-MGY-BRNGY MICXL DOL RTHY SLTY IMBD ANHY XLS TR FLOR N CUT N VIS POR
5791 - 92	LS - M-DKGY-BRNGY MICXL DOL RTHY SLTY IMBD ANHY XLS TR FLOR N CUT N VIS POR
5792 - 93	LS - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5793 - 94	LS - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5794 - 95	LS - LT-MGY MICXL DOL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5795 - 96	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5796 - 97	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5797 - 98	LS - LT-MGY MICXL DOL RTHY SLTY IMBD ANHY XLS TR FLOR N CUT N VIS POR
5798 - 99	DOL - M-DKGY MICXL RTHY SLTY IMBD ANHY XLS TR FLOR TR CUT N VIS POR
5799 - 5800	LS - LT-MGY MICXL DOL RTHY SLTY IMBD ANHY XLS TR FLOR TR CUT N VIS POR
5800 - 01	DOL - LT-MGY MICSL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5801 - 02	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS TR SH PTGS NSFOC N VIS POR



CORE #1 DESCRIPTION (CONTINUED)

DEPTH	SAMPLE DESCRIPTION
5802 - 03	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR SH - BLK BLKY RTHY SLTY V SL CALC FRM
5803 - 04	DOL - MGY-GYBRN MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5804 - 05	DOL - MGY-BRNGY MICXL RTHY SLTY RR FLOR N CUT N VIS POR
5805 - 06	DOL - MGY-BRNGY MICXL RTHY SLTY IMBD ANHY XLS TR FLOR TR CUT N VIS POR
5806 - 07	LS - MGY-BRNGY MICXL RTHY SLTY FOS IMBD ANHY XLS FR FLOR TR CUT TR BRN O STN TR PP VUG POR G ODOR
5807 - 08	DOL - MGY-BRNGY MICXL RTHY SLTY FOS IMBD ANHY XLS FR BRN O STN FR-G FLOR FR-G CUT TR PP VUG POR G ODOR
5808 - 09	DOL - MGY-BRNGY MICXL RTHY SLTY FOS FR BRN O STN F-G FLOR F-G CUT VUG & INIXL POR G ODOR
5809 - 10	DOL - MGY-BRNGY MICXL RTHY SLTY FOS TR BRN O STN F-G FLOR F-G CUT FR-G VUG POR G ODOR
5810 - 11	DOL - MGY-BRNGY MICXL RTHY SLTY FOS FR BRN O STN F-G FLOR F-G CUT FR-G VUG POR G ODOR
5811 - 12	DOL - MGY-BRNGY MICXL RTHY SLTY G BRN O STN G FLOR G CUT G VUG POR G ODOR
5812 - 13	DOL - MGY-BRNGY MICXL RTHY SLTY FOS G BRN O STN G FLOR G CUT G VUG POR G ODOR
5813 - 14	DOL - MGY-BRNGY MICXL RTHY SLTY G BRN O STN G FLOR G CUT G VUG POR G ODOR
5814 - 15	DOL - MGY-BRNGY MICXL RTHY SLTY FOS G BRN O STN G FLOR G CUT G VUG POR G ODOR
5815 - 16	DOL - MGY-BRNGY MICXL RTHY SLTY FOS G BRN O STN FR FLOR FR CUT FR-G VUG POR G ODOR
5816 - 17	DOL - LT-MGY-BRNGY MICXL RTHY SLTY FOS FR BRN O STN FR-TR FLOR FR-TR CUT FR VUG POR FR ODOR
5817 - 18	DOL - MGY-BRNGY MICXL RTHY SLTY TR BRN O STN TR FLOR TR CUT TR VUG POR FR ODOR
5818 - 19	DOL - MGY-BRNGY MICXL RTHY SLTY NSFOC TR VUG POR

CORE #1 DESCRIPTION (CONTINUED)

DEPTH	SAMPLE DESCRIPTION
5819 - 20	DOL - MGY MICXL RTHY SLTY IMBD ANHY XLS N STN TR FLOR N CUT TR VUG POR
5820 - 21	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN TR FLOR N CUT N VIS POR
5821 - 22	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN TR FLOR N CUT N VIS POR
5822 - 23	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN TR FLOR N CUT N VIS POR FR ODOR
5823 - 24	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN RR FLOR N CUT N VIS POR FR ODOR
5824 - 25	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN TR-FR FLOR TR CUT N VIX POR FR ODOR
5825 - 26	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN TR FLOR N CUT N VIS POR FR ODOR
5826 - 27	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN RR FLOR N CUT N VIS POR
5827 - 28	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS N STN RR FLOR N CUT N VIS POR
5828 - 29	DOL - MGY-BRNGY MICXL V RTHY SLTY ABNT ANHY N STN N FLOR N CUT TR VUG POR
5829 - 30	DOL - MGY-BRNGY MICXL V RTHY SLTY ABNT ANHY N STN RR FLOR N CUT TR VUG POR
5830 - 31	DOL - MGY-BRNGY MICXL V RTHY SLTY ABNT ANHY N STN RR FLOR N CUT TR VUG POR
5831 - 32	DOL - MGY-BRNGY MICXL V RTHY SLTY ABNT ANHY N STN RR FLOR N CUT N VIS POR
5832 - 33	DOL - MGY MICXL RTHY SLTY ABNT ANHY XLS N STN RR FLOR N CUT N VIS POR
5833 - 34	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS SH PTGS N STN RR FLOR N CUT N VIS POR
5834 - 35	DOL - LT-MGY MICXL RTHY SLTY ABNT ANHY NSFOC N VIS POR

CORE #1 DESCRIPTION (CONTINUED)

DEPTH	SAMPLE DESCRIPTION
5835 - 36	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5836 - 37	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS SH PTGS NSFOC N VIS POR
5837 - 38	DOL - LT-MGY MICXL RTHY SLTY IMBD ANHY XLS N STN RR FLOR N CUT N VIS POR
5838 - 39	DOL - LT-MGY MICXL V RTHY SLTY IMBD ANHY XLS SH PTGS NSFOC N VIS POR
5839 - 40	DOL - TL-MGY MICSL V RTHY SLTY SH PTGS NSFOC N FIS POR
5840 - 41	DOL - MGY-BRNGY MICXL V RTHY SLTY SH PTGS NSFOC N VIS POR
5841 - 42	DOL - MGY-BRNGY MICXL V RTHY SLTY IMBD ANHY XLS NSFOC N VIS POR
5842 - 43	LS - LT-MGY MICXL-FXL RTHY IP ABNT ANHY SH PTGS N STN TR FLOR N CUT N VIS POR
5843 - 44	LS - LT-MGY MICXL-FXL RTHY IP ANHY NSTN RR FLOR N CUT RR INIXL POR
5844 - 45	LS - LT-MGY MICXL-FXL RTHY IP ANHY NSFOC N VIS POR
5845 - 46	LS - LT-MGY MICXL-FXL RTHY IP IMBD ANHY XLS N STN FR FLOR FR CUT FR VUG POR



CORE #2 DESCRIPTION

5847 - 5883

CUT 36' RECOVERED 36'

DEPTH	SAMPLE DESCRIPTION
5847 - 48	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR FR CUT FR VUG POR
5848 - 49	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR FR CUT FR VUG POR
5849 - 50	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR FR CUT FR VUG POR
5850 - 51	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL N STN FR FLOR N CUT N VIS POR
5851 - 52	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR GOLD FLOR N CUT RR VUG POR
5852 - 53	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR N CUT RR VUG POR
5853 - 54	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR N CUT RR VUG POR
5854 - 55	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR N CUT RR VUG POR
5855 - 56	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR N CUT RR VUG POR
5856 - 57	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL SL STN FR FLOR N CUT RR VUG POR
5857 - 58	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL RR FLOR NSOC RR VUG POR
5858 - 59	LS - LT-MGY-BRN MICXL-VFXL RTHY ANHY INCL RR FLOR NSOC RR VUG POR
5859 - 60	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL DOL RR FLOR NSOC N VIS POR
5860 - 61	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL DOL RR FLOR NSOC N VIS POR
5861 - 62	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL DOL FR FLOR FR STN FR CUT N VIS POR
5862 - 63	LS - LT-MGY MICXL-VFXL RTHY ANHY INCL DCL FR FLOR N STN RR CUT RR VUG POR
5863 - 64	LS - LT-MGY MICXL-FXL RTHY OCC ANHY INCL SL DOL FR FLOR N STN N CUT N VIS POR
5864 - 65	DOL - LT-DKGY MICXL-FXL RTHY LMY FR FLOR FR STN N CUT N VIS POR

CORE #2 DESCRIPTION (CONTINUED)

DEPTH	SAMPLE DESCRIPTION
5865 - 66	LS - LT-MGY MICXL-FXL RTHY SL DOL FR FLOR RR STN N CUT N VIS POR
5866 - 67	LS - LT-MGY MICXL-FXL RTHY SL DOL OCC ANHY INCL FR FLOR N STN N CUT N VIS POR
5867 - 68	LS - LT-MGY MICXL-FXL RTHY DOL ANHY INCL FR FLOR NSCO N VIS POR
5868 - 69	LS - LT-MGY MICXL-FXL RTHY DOL ANHY INCL FR FLOR RR STN RR CUT N VIS POR
5869 - 70	DOL - LT-MGY MICXL-FXL RTHY LMY RR FLOR NSOC N VIS POR
5870 - 71	DOL - LT-MGY MICXL-FXL RTHY LMY FR FLOR NSOC N VIS POR
5871 - 72	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL FR FLOR NSOC N VIS POR
5872 - 73	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL RR FLOR NSOC RR VUG POR
5873 - 74	DOL - LT-MGY MICXL-FXL RTHY LMY FR-G FLOR NSOC FR VUG POR
5874 - 75	DOL - LT-MGY MICXL-FXL RTHY LMY FR-G FLOR NSOC
5875 - 76	DOL - LT-MGY MICXL-FXL RTHY LMY FR-G FLOR RR STN N CUT FR VUG POR
5876 - 77	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL FR FLOR NSOC RR VUG POR
5877 - 78	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL RR FLOR NSOC N VIS POR
5878 - 79	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL FR-G FLOR NSOC FR VUG POR
5879 - 80	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL RR FLOR NSOC FR VUG POR
5880 - 81	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL RR FLOR NSOC RR VUG POR
5881 - 82	DOL - LT-MGY MICXL-FXL RTHY LMY ABNT ANHY INCL RR FLOR NSOC N VIS POR
5882 - 83	DOL - LT-MGY MICXL-FXL RTHY LMY ANHY INCL RR FLOR NSOC RR VUG POR