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* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

ARCO OIL & GAS CO.

CUSTER

LEA, NEW MEXICO

CUSTER WELLS #1

RUN NO. ONE JOB NO. 4503

CLUSTER RESULTS ONLY

4.00 FT. CORR. - 2 FT. STEP

30 DEG. X2 SEARCH ANGLE

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30 DEG. X2 SEARCH ANGLE

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ARCO OIL & GAS CO.

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DIPMETER

HIGH RESOLUTION

* SCHLUMBERGER *

*

*		FORMATION		*		BOREHOLE		* QUAL. *	
*		-----		*		-----		* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	SA	
		AZI.		AZI.	1-3	2-4			

* 7502			2.5	45	9.8	9.7			*
* 7504			2.5	45	9.8	9.7			*
* 7506			2.6	46	9.7	9.6			*
* 7508			2.6	46	9.7	9.6			*
* 7510			2.6	46	9.7	9.6			*
* 7512			2.6	46	9.7	9.6			*
* 7514			2.6	47	9.8	9.6			*
* 7516			2.6	47	9.8	9.6			*
* 7518			2.6	47	9.7	9.5			*
* 7520			2.6	47	9.7	9.4			*
* 7522			2.6	46	9.5	9.3			*
* 7524			2.6	46	9.5	9.3			*
* 7526			2.6	46	9.5	9.3			*
* 7528			2.5	47	9.6	9.3			*
* 7530	17.3	161	2.6	46	9.7	9.4	B		*
* 7532	17.1	158	2.5	45	9.7	9.5	B		*
* 7534	14.0	133	2.5	46	9.8	9.6	D		*
* 7536			2.5	46	9.8	9.6			*
* 7538	22.5	171	2.5	46	9.8	9.6	D		*
* 7540			2.4	46	9.8	9.6			*
* 7542			2.4	45	9.8	9.6			*
* 7544			2.4	45	9.8	9.5			*
* 7546			2.4	45	9.8	9.5			*
* 7548			2.4	46	9.7	9.5			*
* 7550			2.4	46	9.7	9.6			*
* 7552			2.4	46	9.7	9.6			*
* 7554			2.4	45	9.8	9.6			*
* 7556			2.4	45	9.8	9.7			*
* 7558			2.4	44	9.9	9.7			*
* 7560			2.4	44	10.0	9.9			*
* 7562			2.4	43	10.2	10.0			*
* 7564			2.4	42	10.2	10.0			*
* 7566			2.4	41	10.0	9.7			*
* 7568			2.4	42	9.8	9.5			*
* 7570			2.4	41	9.7	9.4			*
* 7572			2.4	39	9.7	9.4			*
* 7574			2.4	38	9.7	9.3			*
* 7576			2.4	38	9.7	9.3			*
* 7578			2.4	39	9.8	9.3			*
* 7580			2.4	39	9.8	9.3			*

* FORMATION *				* BOREHOLE *			* QUAL. *		

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	=A		

* 7662			2.1	68	11.3	9.3			*
* 7664	46.5	150	2.0	69	11.4	9.2	0		*
* 7666	43.5	152	2.0	69	11.5	9.2	0		*
* 7668	39.7	151	2.0	69	11.6	9.3	0		*
* 7670			2.1	69	11.5	9.2			*
* 7672			2.1	69	11.5	9.1			*
* 7674			2.1	70	11.5	9.1			*
* 7676			2.1	70	11.5	9.1			*
* 7678			2.1	69	11.5	9.2			*
* 7680			2.1	69	11.4	9.2			*
* 7682			2.1	69	11.3	9.2			*
* 7684			2.1	70	11.2	9.2			*
* 7686			2.1	71	11.1	9.2			*
* 7688			2.1	71	11.1	9.2			*
* 7690	35.4	189	2.1	72	11.2	9.2	0		*
* 7692	36.7	190	2.1	74	11.2	9.2	0		*
* 7694			2.1	76	11.2	9.2			*
* 7696			2.2	76	11.1	9.2			*
* 7698			2.2	75	11.2	9.3			*
* 7700			2.2	76	11.5	9.4			*
* 7702			2.2	77	11.6	9.5			*
* 7704			2.2	77	11.7	9.5			*
* 7706			2.3	77	11.8	9.5			*
* 7708			2.3	78	11.7	9.5			*
* 7710			2.2	78	11.7	9.6			*
* 7712			2.2	78	11.7	9.6			*
* 7714			2.3	78	11.7	9.6			*
* 7716			2.3	78	11.7	9.6			*
* 7718			2.3	78	11.9	9.7			*
* 7720			2.2	78	12.0	9.8			*
* 7722			2.3	79	12.0	9.8			*
* 7724			2.4	80	12.1	9.8			*
* 7726			2.4	80	12.1	9.8			*
* 7728			2.4	81	12.1	9.8			*
* 7730			2.3	82	12.0	9.7			*
* 7732			2.3	81	11.9	9.7			*
* 7734			2.3	81	11.8	9.6			*
* 7736			2.3	82	11.7	9.4			*
* 7738			2.4	82	11.4	9.3			*
* 7740	14.6	61	2.4	81	11.3	9.4	0		*

DEPTH	DIP	OIP	DEV.	DEV.	DIAM	DIAM	2-4	=A
*	*	AZI.	*	AZI.	1-3	2-4	*	*
*	*	DIP	*	DEV.	DIAM	DIAM	*	BEST
*	*	FORMATION	*	BORHOLE	QUAL.	INDEX	*	*

[illegible]

FORMATION				BAREHOLE				QUAL.	

DEPTH	DIP	DIP	DEV.	DEV.	DIA	DIA	BEST	INDEX	
		AZI.		AZI.	1-3	2-4	=A		

* 7982			3.5	108	10.3	9.9			
* 7984			3.5	109	10.3	9.9			
* 7986			3.5	109	10.3	9.9			
* 7988			3.5	108	10.3	9.9			
* 7990			3.5	107	10.3	9.9			
* 7992			3.5	106	10.3	10.0			
* 7994			3.5	106	10.3	10.0			
* 7996			3.5	106	10.3	10.0			
* 7998			3.5	106	10.3	10.0			
* 8000			3.5	105	10.3	10.0			
* 8002			3.5	106	10.4	10.0			
* 8004			3.5	107	10.4	10.0			
* 8006			3.5	108	10.4	9.9			
* 8008			3.6	108	10.5	9.9			
* 8010	28.2	277	3.6	107	10.5	10.0		D	
* 8012	29.8	280	3.6	106	10.5	10.0		H	
* 8014			3.6	107	10.5	10.0			
* 8016			3.6	107	10.5	10.1			
* 8018			3.6	107	10.5	10.1			
* 8020			3.6	107	10.6	10.0			
* 8022			3.6	106	10.5	9.9			
* 8024			3.6	106	10.3	9.7			
* 8026			3.6	106	10.3	9.8			
* 8028			3.6	106	10.4	9.9			
* 8030			3.5	106	10.4	10.1			
* 8032			3.5	105	10.5	10.1			
* 8034			3.5	105	10.5	10.1			
* 8036			3.5	106	10.5	10.2			
* 8038			3.5	107	10.6	10.1			
* 8040			3.5	107	10.6	10.1			
* 8042			3.6	105	10.6	10.1			
* 8044			3.6	105	10.6	10.1			
* 8046			3.6	105	10.6	10.0			
* 8048			3.6	106	10.6	10.0			
* 8050			3.6	106	10.6	10.1			
* 8052			3.6	106	10.6	10.2			
* 8054			3.6	106	10.6	10.2			
* 8056	8.4	347	3.7	105	10.5	10.1		F	
* 8058	8.3	303	3.7	104	10.3	10.0		D	
* 8060			3.7	105	10.4	10.1			

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
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* FORMATION *	* BOREHOLE *				* QUAL. *		
* ----- *	* ----- *				* INDEX *		
* DEPTH * DIP * DIP * DEV. * DEV. * DIAM * DIAM * * BEST *							
* * * AZI. * * AZI. * 1-3 * 2-4 * =A *							

* 8142			4.3	96	10.4	10.1	
* 8144			4.3	95	10.3	10.1	
* 8146			4.3	95	10.2	10.1	
* 8148			4.4	94	10.2	10.1	
* 8150			4.4	93	10.3	10.1	
* 8152			4.4	94	10.3	10.1	
* 8154			4.4	94	10.3	10.1	
* 8156			4.4	94	10.4	10.2	
* 8158			4.4	93	10.4	10.3	
* 8160			4.4	93	10.8	10.6	
* 8162			4.4	92	11.4	11.1	
* 8164			4.4	93	11.4	11.5	
* 8166	25.0	39	4.4	94	11.1	11.2	D
* 8168	20.5	41	4.4	93	10.7	10.6	D
* 8170			4.4	93	10.4	10.2	
* 8172			4.5	93	10.4	10.1	
* 8174			4.5	93	10.4	10.0	
* 8176			4.4	92	10.3	9.9	
* 8178			4.4	93	10.3	9.9	
* 8180			4.4	93	10.4	9.8	
* 8182			4.4	92	10.4	9.9	
* 8184			4.4	92	10.5	9.9	
* 8186			4.3	92	10.7	9.9	
* 8188			4.4	93	10.8	9.9	
* 8190			4.4	93	10.9	10.0	
* 8192			4.5	93	10.9	9.9	
* 8194			4.5	93	10.9	9.9	
* 8196			4.5	93	10.9	9.9	
* 8198			4.4	93	10.9	9.8	
* 8200			4.4	93	10.9	9.8	
* 8202			4.4	93	11.0	9.9	
* 8204			4.4	93	11.0	9.9	
* 8206			4.4	92	11.0	9.8	
* 8208			4.4	93	11.0	9.8	
* 8210			4.4	93	10.9	9.8	
* 8212			4.4	93	10.8	9.8	
* 8214			4.4	93	10.5	9.7	
* 8216			4.4	93	10.4	9.6	
* 8218			4.5	93	10.2	9.5	
* 8220			4.5	93	10.5	9.6	

4222	4.4	95	10.8	9.7	
4224	4.3	95	10.8	9.8	
4226	4.3	94	10.7	9.8	
4228	4.3	95	10.1	9.9	
4230	4.4	95	9.6	9.8	
4232	4.4	95	9.6	9.7	
4234	4.4	94	9.8	9.7	
4236	4.4	94	9.8	9.9	
4238	4.4	94	9.7	10.0	
4240	4.5	94	9.7	10.0	
4242	4.5	95	9.7	10.0	
4244	4.5	95	9.7	10.0	
4246	4.5	94	9.7	10.0	
4248	4.4	93	9.8	10.1	
4250	4.4	93	9.8	10.1	
4252	4.4	94	9.9	10.1	
4254	4.4	94	10.0	10.1	
4256	4.4	94	10.0	10.1	
4258	4.4	94	9.8	10.1	
4260	4.4	94	9.8	10.0	
4262	4.4	94	9.8	9.9	
4264	4.4	94	9.7	9.9	
4266	4.4	94	9.7	9.9	
4268	4.3	93	9.6	9.8	
4270	4.3	93	9.6	9.8	
4272	4.3	93	9.5	9.6	
4274	4.3	93	9.6	9.5	
4276	4.3	92	9.7	9.6	
4278	4.3	93	9.8	9.6	
4280	4.3	94	9.8	9.7	
4282	4.3	94	9.9	9.7	
4284	4.3	94	10.0	9.7	
4286	4.3	94	10.0	9.8	
4288	4.4	94	10.2	9.8	
4290	4.4	94	10.3	9.7	
4292	4.4	93	10.3	9.7	
4294	4.4	92	10.4	9.7	
4296	4.3	92	10.5	9.7	
4298	4.2	93	10.5	9.7	
4300	4.3	94	10.5	9.7	

* FORMATION *		* BOREHOLE *					* QUAL. *		

* DEPTH *	* DIP	DIP	* DEV.	DEV.	DIAM	DIAM	* BEST	* INDEX	
* *	* *	AZI.	* *	AZI.	1-3	2-4	* =A	*****	

* 8302			4.3	94	10.4	9.7			
* 8304			4.3	94	10.4	9.7			
* 8306			4.4	94	10.4	9.7			
* 8308			4.4	94	10.3	9.6			
* 8310			4.4	94	10.3	9.6			
* 8312			4.3	94	10.2	9.7			
* 8314			4.3	94	10.2	9.7			
* 8316	60.2	291	4.3	94	10.2	9.7		B	
* 8318			4.3	93	10.3	9.7			
* 8320			4.2	94	10.3	9.7			
* 8322			4.2	94	10.3	9.8			
* 8324			4.2	93	10.4	9.8			
* 8326			4.3	93	10.4	10.0			
* 8328			4.3	93	10.4	10.0			
* 8330			4.4	93	10.4	10.0			
* 8332			4.4	93	10.4	10.0			
* 8334			4.4	93	10.4	10.0			
* 8336			4.4	93	10.4	10.1			
* 8338			4.4	93	10.4	10.1			
* 8340			4.5	94	10.4	10.1			
* 8342			4.5	94	10.4	10.1			
* 8344			4.5	94	10.4	10.0			
* 8346			4.5	94	10.4	9.9			
* 8348			4.5	94	10.4	9.9			
* 8350			4.5	95	10.3	9.9			
* 8352			4.5	95	10.2	9.9			
* 8354	60.2	59	4.5	95	10.3	10.0		B	
* 8356			4.5	95	10.3	10.0			
* 8358			4.6	95	10.3	10.0			
* 8360			4.6	95	10.1	10.1			
* 8362			4.5	94	9.9	10.1			
* 8364			4.4	94	9.8	10.1			
* 8366			4.5	94	9.9	10.1			
* 8368			4.5	93	9.8	10.3			
* 8370			4.4	93	9.8	10.5			
* 8372	68.5	241	4.5	93	9.8	10.6		D	
* 8374			4.5	94	9.7	10.7			
* 8376	71.8	243	4.4	94	9.6	10.5		B	
* 8378	69.9	243	4.4	95	9.7	10.4		B	
* 8380	30.1	66	4.4	95	9.7	10.4		D	

* FORMATION *		* BOREHOLE *				* QUAL. *			

* DEPTH *	* DIP	* DIP	* DEV.	* DEV.	* DIAM	* DIAM	* BEST	* INDEX	
		AZI.		AZI.	1-3	2-4	=A		

* 8462			3.9	99	9.7	9.7			
* 8464			3.9	101	9.8	9.7			
* 8466	6.8	67	3.8	101	9.7	9.7		D	
* 8468	7.6	66	3.8	100	9.5	9.6		B	
* 8470	5.0	18	3.8	100	9.4	9.6		B	
* 8472			3.8	100	9.5	9.5			
* 8474			3.8	98	9.6	9.5			
* 8476			3.8	98	9.7	9.4			
* 8478			3.8	97	9.6	9.4			
* 8480			3.7	96	9.6	9.4			
* 8482			3.7	96	9.5	9.4			
* 8484	11.0	10	3.7	96	9.4	9.5		B	
* 8486	9.0	8	3.8	97	9.9	9.5		B	
* 8488	17.9	7	3.9	98	10.1	9.6		D	
* 8490	16.4	63	3.9	97	9.8	9.5		D	
* 8492	10.4	44	3.9	97	9.7	9.5		B	
* 8494	10.1	40	3.8	98	9.6	9.5		B	
* 8496			3.8	98	9.5	9.5			
* 8498			3.8	99	9.5	9.5			
* 8500	13.6	265	3.8	98	9.5	9.5		D	
* 8502	13.6	258	3.6	96	9.6	9.6		B	
* 8504	21.8	92	3.6	96	9.6	9.7		D	
* 8506	4.7	11	3.6	95	9.6	9.7		D	
* 8508	1.7	13	3.5	95	9.7	9.7		D	
* 8510	4.7	98	3.5	97	9.9	9.6		D	
* 8512			3.6	98	10.1	9.6			
* 8514	11.6	145	3.7	98	9.7	9.7		B	
* 8516			3.8	98	9.4	9.9			
* 8518			3.8	98	9.4	10.0			
* 8520	8.5	56	3.8	99	9.4	10.1		C	
* 8522	6.4	360	3.8	98	9.4	10.2		C	
* 8524	5.5	21	3.8	98	9.4	10.2		A	
* 8526	6.2	67	3.9	99	9.5	10.2		A	
* 8528			3.9	99	9.6	10.1			
* 8530	4.5	14	4.0	98	9.9	9.9		A	
* 8532	3.5	5	3.9	98	10.2	9.9		A	
* 8534	6.0	10	3.7	99	10.5	10.1		A	
* 8536			3.6	99	10.4	10.2			
* 8538			3.6	99	10.3	10.3			
* 8540			3.7	99	10.3	10.4			

* FORMATION *		* BOREHOLE *						* QUAL. *	

* DEPTH *	* DIP	DIP	* DEV.	DEV.	DIAH	DIAH	* BEST *	* INDEX *	
* *	* *	AZI.	* *	AZI.	1-3	2-4	* =A *	*****	
* 8622	11.3	79	1.9	101	9.4	9.9	A	*	
* 8624	11.2	80	1.8	102	9.3	10.1	A	*	
* 8626	9.9	54	1.8	103	9.4	10.2	A	*	
* 8628	11.3	41	1.9	103	9.5	10.1	A	*	
* 8630	10.6	61	2.0	103	9.7	10.0	A	*	
* 8632	8.3	62	1.9	104	9.9	10.0	A	*	
* 8634	10.5	58	1.7	106	10.0	10.1	A	*	
* 8636	13.4	33	1.6	108	9.6	10.2	A	*	
* 8638	14.7	38	1.5	110	9.3	9.8	A	*	
* 8640	14.3	41	1.5	110	9.3	9.7	A	*	
* 8642	11.3	86	1.5	109	9.4	9.8	D	*	
* 8644	11.7	85	1.5	110	9.4	9.7	D	*	
* 8646			1.5	110	9.4	9.7		*	
* 8648			1.5	108	9.4	9.8		*	
* 8650			1.5	105	9.4	10.0		*	
* 8652	12.0	105	1.5	104	9.4	10.1	B	*	
* 8654	11.8	104	1.6	102	9.4	10.0	B	*	
* 8656	13.3	45	1.6	102	9.4	10.0	D	*	
* 8658	10.5	44	1.5	104	9.3	10.0	D	*	
* 8660	13.5	75	1.6	104	9.4	9.9	B	*	
* 8662	13.9	53	1.6	103	9.4	9.7	A	*	
* 8664	12.7	51	1.5	104	9.3	9.6	A	*	
* 8666	13.0	67	1.5	108	9.3	9.4	A	*	
* 8668	13.5	68	1.4	111	9.3	9.4	A	*	
* 8670	12.2	71	1.4	112	9.3	9.6	C	*	
* 8672	14.1	76	1.5	113	9.2	9.8	C	*	
* 8674	13.5	73	1.5	114	9.2	9.9	A	*	
* 8676	19.3	72	1.3	115	9.2	9.9	B	*	
* 8678	22.8	68	1.3	116	9.3	10.0	D	*	
* 8680			1.3	120	9.7	10.4		*	
* 8682			1.3	127	10.5	10.8		*	
* 8684			1.2	128	10.5	10.9		*	
* 8686			1.1	125	9.6	10.4		*	
* 8688			1.1	124	9.3	9.9		*	
* 8690	25.7	87	1.1	126	9.3	10.0	D	*	
* 8692	17.1	65	1.1	129	9.3	10.0	B	*	
* 8694	15.8	61	1.1	131	9.3	9.9	A	*	
* 8696	15.8	60	1.2	130	9.4	9.8	A	*	
* 8698	14.2	86	1.0	128	10.3	10.2	A	*	
* 8700	16.4	109	0.9	125	11.3	10.8	C	*	

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
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* FORMATION *		* BOREHOLE *						* QUAL. *	

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
* * *	* * *	* AZI. *	* * *	* AZI. *	* 1-3 *	* 2-4 *	* =A *	* * *	

* 8782	16.1	83	0.9	265	9.4	9.2	A	* *	
* 8784	15.1	85	1.0	265	9.4	9.2	A	* *	
* 8786	16.6	81	1.1	266	9.4	9.2	A	* *	
* 8788	17.2	71	1.1	270	9.4	9.2	C	* *	
* 8790	16.0	95	1.2	272	9.7	9.2	A	* *	
* 8792	17.1	78	1.3	271	10.1	9.7	A	* *	
* 8794	20.6	71	1.6	272	11.1	10.9	C	* *	
* 8796	16.8	78	1.7	274	10.9	10.4	A	* *	
* 8798	15.4	82	1.7	276	10.1	9.4	A	* *	
* 8800	15.6	80	1.7	276	10.0	9.6	A	* *	
* 8802	15.0	82	1.7	275	9.8	9.6	A	* *	
* 8804	15.9	80	1.7	273	9.5	9.1	A	* *	
* 8806	15.1	71	1.7	271	9.4	9.3	A	* *	
* 8808	18.9	87	1.6	270	9.5	9.4	A	* *	
* 8810	13.8	79	1.6	270	9.5	9.5	A	* *	
* 8812	13.2	80	1.6	270	9.4	9.3	A	* *	
* 8814	14.7	83	1.7	270	9.3	9.2	A	* *	
* 8816	14.2	82	1.8	270	9.3	9.2	A	* *	
* 8818	13.3	84	1.9	271	9.3	9.3	A	* *	
* 8820	12.6	85	2.0	272	9.4	9.5	A	* *	
* 8822	11.0	85	2.1	274	9.4	9.6	A	* *	
* 8824	8.3	85	2.1	276	9.4	9.4	A	* *	
* 8826	11.2	78	2.1	277	9.4	9.6	A	* *	
* 8828	9.0	113	2.1	275	9.4	9.6	C	* *	
* 8830			2.0	275	9.4	9.4		* *	
* 8832	9.4	91	1.9	277	9.4	9.4	A	* *	
* 8834	10.4	88	1.9	278	9.3	9.2	A	* *	
* 8836	12.2	82	1.9	279	9.3	9.2	C	* *	
* 8838	6.7	109	2.0	277	9.3	9.2	A	* *	
* 8840	6.6	106	2.0	275	9.3	9.2	A	* *	
* 8842	5.6	110	2.0	275	9.3	9.2	A	* *	
* 8844	5.4	102	1.9	274	9.3	9.2	A	* *	
* 8846	7.2	115	2.0	272	9.3	9.1	A	* *	
* 8848	8.3	112	2.0	273	9.3	9.1	A	* *	
* 8850	3.1	99	2.1	273	9.3	9.1	A	* *	
* 8852	6.3	103	2.2	272	9.3	9.1	A	* *	
* 8854	7.5	101	2.2	273	9.3	9.1	A	* *	
* 8856	5.8	111	2.2	275	9.3	9.1	A	* *	
* 8858	8.9	109	2.2	275	9.3	9.1	A	* *	
* 8860	10.8	161	2.3	276	9.3	9.1	A	* *	

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
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CUSTER WELLS #1									
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* FORMATION *				* BOREHOLE *				* QUAL. *	

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	±A		

* 9102			7.2	228	16.4	10.9			*
* 9104			7.3	230	16.4	11.4			*
* 9106			7.3	230	16.4	10.9			*
* 9108			7.4	228	16.4	10.1			*
* 9110			7.5	230	16.4	10.3			*
* 9112			7.5	233	16.4	11.9			*
* 9114			7.5	232	16.4	13.4			*
* 9116			7.7	232	16.4	13.9			*
* 9118			7.9	231	16.4	13.7			*
* 9120	19.9	259	7.8	231	16.4	13.4		D	*
* 9122	15.9	259	7.9	231	16.4	13.7		D	*
* 9124			8.0	230	16.4	13.2			*
* 9126			8.0	232	16.4	12.9			*
* 9128			8.0	232	16.4	13.1			*
* 9130			8.1	229	16.4	12.1			*
* 9132			8.1	228	16.4	11.6			*
* 9134			8.2	232	16.4	11.8			*
* 9136			8.3	234	16.4	12.1			*
* 9138			8.4	232	16.4	12.6			*
* 9140			8.6	233	16.4	12.7			*
* 9142			8.7	234	16.4	11.9			*
* 9144			8.6	234	16.4	11.4			*
* 9146			8.6	233	16.4	12.4			*
* 9148	12.3	99	8.6	232	16.4	12.8		B	*
* 9150			8.7	231	16.4	12.3			*
* 9152			8.8	231	16.4	12.3			*
* 9154			8.7	231	16.3	12.5			*
* 9156			8.8	231	15.9	13.1			*
* 9158			9.0	232	15.8	13.8			*
* 9160			9.1	234	15.7	13.3			*
* 9162			9.0	234	14.9	13.3			*
* 9164			9.1	233	14.5	14.3			*
* 9166	24.0	90	9.0	234	12.8	12.6		A	*
* 9168	25.1	94	8.8	234	10.8	9.9		A	*
* 9170	18.2	78	9.0	236	10.0	9.3		A	*
* 9172	25.4	86	9.5	237	10.4	10.0		A	*
* 9174	21.8	79	9.6	237	10.9	10.4		A	*
* 9176	20.1	81	9.6	237	10.9	10.1		A	*
* 9178	18.4	76	9.8	237	10.7	9.9		A	*
* 9180	23.3	84	9.7	237	11.0	10.3		A	*

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
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FORMATION			BOREHOLE				QUAL.		

DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX	
		AZI.		AZI.	1-3	2-4	MA		

* 9262			11.8	244	15.4	12.6			*
* 9264			11.8	245	15.7	12.5			*
* 9266			11.7	243	15.1	12.4			*
* 9268			11.8	243	16.3	12.0			*
* 9270			12.0	245	16.4	11.7			*
* 9272			12.2	246	16.0	11.5			*
* 9274	18.5	44	12.2	246	15.6	11.7	D		*
* 9276	18.3	23	12.0	246	16.0	12.1	D		*
* 9278			11.8	247	16.3	12.2			*
* 9280			11.8	246	16.3	12.2			*
* 9282			11.9	248	16.3	12.4			*
* 9284			12.4	249	16.3	12.7			*
* 9286			12.7	248	16.3	13.2			*
* 9288			12.9	248	16.3	13.6			*
* 9290			13.0	245	16.0	14.0			*
* 9292			12.4	245	16.0	14.3			*
* 9294			12.1	247	16.4	15.3			*
* 9296			12.4	249	16.4	14.7			*
* 9298			12.9	250	16.3	13.1			*
* 9300	33.2	80	13.0	250	16.1	12.6	B		*
* 9302	30.9	77	12.8	247	16.1	12.9	B		*
* 9304			12.5	247	16.3	13.6			*
* 9306	36.6	74	12.3	245	16.2	13.6	D		*
* 9308			12.1	246	16.2	13.5			*
* 9310			12.2	246	15.5	13.1			*
* 9312	33.1	66	12.4	246	15.3	13.3	C		*
* 9314			12.3	247	15.9	14.4			*
* 9316			12.4	248	15.7	13.8			*
* 9318	44.3	87	13.1	249	14.4	11.4	D		*
* 9320	40.8	86	13.3	249	13.6	10.9	D		*
* 9322	37.7	88	13.0	252	14.2	11.6	B		*
* 9324			12.8	250	15.0	12.7			*
* 9326			12.8	248	15.5	13.8			*
* 9328			13.2	249	16.0	13.7			*
* 9330			13.6	250	15.9	13.6			*
* 9332	33.7	89	13.5	254	13.5	12.3	D		*
* 9334	23.0	77	13.4	257	11.7	11.4	B		*
* 9336	34.2	79	13.4	255	12.1	12.3	D		*
* 9338			14.0	251	12.5	13.3			*
* 9340			14.3	252	12.7	13.6			*

* FORMATION * BOREHOLE * QUAL. *									
* ----- * INDEX *									
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST		
		AZI.		AZI.	1-3	2-4	=A		

* 9422	41.1	89	15.3	258	10.6	9.5	C	*	*
* 9424	35.4	91	15.1	256	10.4	9.7	A	*	*
* 9426	42.0	89	15.2	257	10.1	9.6	A	*	*
* 9428	42.2	90	15.4	258	10.2	9.4	A	*	*
* 9430	44.0	98	15.6	261	10.5	9.6	C	*	*
* 9432	45.3	92	16.0	262	10.7	9.7	C	*	*
* 9434	44.9	93	16.6	261	10.8	9.5	C	*	*
* 9436	42.0	82	16.7	263	11.0	9.4	C	*	*
* 9438	47.5	94	16.2	263	11.1	9.5	C	*	*
* 9440	44.2	92	15.6	262	10.9	9.6	A	*	*
* 9442	40.2	90	15.4	258	10.6	9.6	A	*	*
* 9444	40.0	91	15.6	260	10.4	9.5	A	*	*
* 9446	33.6	88	15.6	262	10.5	9.3	A	*	*
* 9448	43.5	88	15.5	261	10.5	9.1	A	*	*
* 9450	46.9	87	15.3	260	10.5	9.0	A	*	*
* 9452	34.5	87	15.1	257	10.4	9.0	A	*	*
* 9454	34.1	86	15.0	256	10.3	8.9	A	*	*
* 9456	41.0	87	15.1	258	10.2	8.9	A	*	*
* 9458	39.4	92	15.5	261	10.1	9.0	A	*	*
* 9460	34.9	89	15.7	259	9.8	9.1	A	*	*
* 9462	36.2	83	15.7	255	9.6	9.1	A	*	*
* 9464	36.4	86	15.7	256	9.6	9.1	A	*	*
* 9466	42.2	89	16.1	256	9.6	9.1	A	*	*
* 9468	40.3	91	16.7	257	9.5	9.1	A	*	*
* 9470	44.1	86	17.2	260	9.5	9.1	A	*	*
* 9472	48.8	90	16.7	261	9.7	9.2	A	*	*
* 9474	40.3	89	16.2	260	10.0	9.5	A	*	*
* 9476	40.3	89	16.6	259	9.9	9.7	A	*	*
* 9478	40.7	92	16.7	259	9.8	9.8	A	*	*
* 9480	40.0	91	16.2	258	9.7	9.8	A	*	*
* 9482	44.4	89	15.9	258	9.5	9.7	A	*	*
* 9484	44.7	88	16.1	258	9.5	9.6	A	*	*
* 9486	41.0	79	16.3	258	9.6	9.5	C	*	*
* 9488	51.1	89	16.3	259	9.7	9.4	C	*	*
* 9490	44.7	86	16.2	260	9.9	9.2	A	*	*
* 9492	37.7	91	16.2	260	10.2	9.1	A	*	*
* 9494	41.0	88	16.3	262	10.5	9.0	A	*	*
* 9496	43.4	92	16.5	261	10.5	9.0	A	*	*
* 9498	41.0	89	16.6	258	10.0	9.0	A	*	*
* 9500	41.8	89	16.5	259	9.9	9.0	A	*	*

FORMATION	BOREHOLE	QUAL.	INDEX
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	* DEPTH	*	DIP		DIP	*	DEV.		DEV.		DIAH		DIAH	*	BEST	*
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9502	44.6	92	16.5	261	10.0	9.1	10.1
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9506	43.0	94	16.3	263	10.1	9.1
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9510	47.9	92	16.0	266	10.0	8.9
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9514	48.5	69	15.9	260	10.0	9.0	A
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9518	50.4	94	16.2	259	9.9	9.0	4
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9522	42.2	93	16.2	261	9.5	9.1	A
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9526	40.1	92	15.9	261	9.7	9.4	A
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9530	53.4	95	16.0	260	9.6	9.5	1
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9534	40.4	91	16.1	261	9.6	9.2	A
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9538	44.4	94	16.2	262	9.4	9.1	A
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9542	41.5	88	16.3	261	9.4	9.0	A
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9546	42.2	86	16.1	262	9.5	9.0	C
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9550	16.0	261	9.4	9.1
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4	A	9.1	9.2	260	16.1	88	47.0	9554	*
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9558	41.6	92	16.1	262	9.6	9.1	A
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4	A	9.1	9.6	262	16.1	88	50.0	9562
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9586	43.6	88	16.2	261	9.4	9.1	C
9584	44.3	89	16.2	261	9.4	9.1	C

4558	45.3	84	16.2	263	7.6	9.1	A
4570	46.3	90	16.2	263	7.6	9.1	A

9574	45.4	88	16.4	264	9.4	C
9572	44.0	89	18.5	264	9.1	

9578	47.9	93	16.5	265	9.4	9.1	A
9576	45.8	93	16.4	264	9.4	9.1	A

1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774

9662	18.0	267	9.7	9.0	*
9664	17.9	268	9.5	9.0	*
9666	17.9	268	9.4	9.1	H
9668	17.8	268	9.4	9.1	H
9670	17.9	268	9.6	9.1	H
9672	17.9	268	9.8	9.1	H
9674	17.8	268	9.7	9.0	H
9676	17.9	268	9.6	9.1	H
9678	18.1	267	9.6	9.1	H
9680	18.2	266	9.4	9.1	*
9682	18.2	267	9.2	9.1	*
9684	18.1	268	9.2	9.1	*
9686	18.2	267	9.2	9.1	*
9688	18.0	267	9.1	9.1	*
9690	17.8	266	9.1	9.1	*
9692	17.8	267	9.1	9.1	*
9694	17.9	266	9.1	9.1	D
9696	18.0	266	9.2	9.1	A
9698	17.9	267	9.2	9.1	C
9700	17.8	268	9.2	9.1	C
9702	17.7	268	9.2	9.1	A
9704	17.8	269	9.3	9.1	A
9706	17.8	269	9.3	9.1	A
9708	17.7	269	9.4	9.0	C
9710	17.7	270	9.4	9.0	A
9712	17.8	269	9.5	9.0	A
9714	17.7	268	9.5	9.0	C
9716	17.6	268	9.4	9.0	*
9718	17.6	269	9.3	9.0	*
9720	17.7	269	9.2	9.0	*
9722	17.9	269	9.2	9.1	*
9724	17.8	269	9.2	9.1	*
9726	17.8	269	9.2	9.1	*
9728	17.6	268	9.1	9.0	*
9730	17.4	268	9.1	9.1	*
9732	17.3	269	9.1	9.1	*
9734	17.2	270	9.1	9.0	*
9736	17.1	270	9.1	9.0	C
9738	17.3	268	9.1	9.1	A
9740	17.5	268	9.1	9.1	A

* FORMATION *			* BOREHOLE *				* QUAL. *		

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	EA		

* 9742			17.6	270	9.1	9.1			*
* 9744	37.6	97	17.5	271	9.2	9.0	C		*
* 9746	44.1	89	17.3	270	9.1	9.0	A		*
* 9748	41.8	97	17.2	271	9.1	9.0	A		*
* 9750			17.4	273	9.1	9.1			*
* 9752	41.2	104	17.5	274	9.2	9.1	C		*
* 9754	33.8	87	17.4	275	9.2	9.0	C		*
* 9756			17.5	276	9.2	9.0			*
* 9758	47.4	94	17.5	273	9.1	9.0	B		*
* 9760	47.1	95	17.3	271	9.1	9.0	D		*
* 9762	48.6	93	17.1	271	9.1	9.0	D		*
* 9764			16.9	271	9.0	9.0			*
* 9766			17.3	271	9.0	9.0			*
* 9768			17.6	271	9.1	9.0			*
* 9770			17.4	271	9.1	9.0			*
* 9772	47.3	90	17.1	270	9.1	8.9	D		*
* 9774	45.9	89	17.1	270	9.2	8.9	D		*
* 9776	49.0	96	17.1	270	9.3	8.9	C		*
* 9778	49.3	96	17.1	270	9.3	8.9	C		*
* 9780	46.3	95	17.2	269	9.2	9.0	C		*
* 9782	46.8	92	17.4	267	9.1	9.0	C		*
* 9784	50.1	96	17.5	268	9.1	8.9	A		*
* 9786	48.2	96	17.5	268	9.2	8.9	C		*
* 9788	47.8	96	17.5	268	9.2	8.9	A		*
* 9790	46.9	98	17.5	269	9.1	9.0	C		*
* 9792	44.3	97	17.4	269	9.1	9.0	A		*
* 9794	54.9	103	17.3	268	9.1	9.0	C		*
* 9796	47.0	97	17.2	267	9.1	8.9	C		*
* 9798	45.3	97	17.2	267	9.1	9.0	A		*
* 9800	44.8	98	17.1	268	9.2	9.0	A		*
* 9802	48.2	99	17.1	269	9.2	8.9	A		*
* 9804	47.3	92	17.0	268	9.3	8.9	C		*
* 9806	54.4	93	17.1	269	9.2	8.9	A		*
* 9808	55.3	94	17.1	270	9.1	8.9	A		*
* 9810	38.3	99	17.2	269	9.0	8.9	A		*
* 9812	44.3	92	17.3	268	9.1	8.9	A		*
* 9814	44.4	94	17.3	269	9.1	8.9	A		*
* 9816	45.2	94	17.4	269	9.0	8.9	A		*
* 9818	45.5	93	17.3	268	9.0	9.0	A		*
* 9820	39.2	95	17.1	268	9.1	9.0	A		*

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
PAGE 30-FILE 3									

* FORMATION *		* BOREHOLE *					* QUAL. *		

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	=A		

* 9902	51.9	93	17.1	269	9.7	9.0	A	*	
* 9904	47.0	95	17.0	268	9.8	9.0	C	*	
* 9906	44.8	99	16.9	269	9.8	9.0	A	*	
* 9908	44.6	103	17.1	271	9.7	9.0	A	*	
* 9910	50.1	100	17.3	275	9.5	9.0	A	*	
* 9912	50.3	99	17.3	276	9.2	9.0	A	*	
* 9914	51.1	96	17.3	274	9.1	9.1	C	*	
* 9916	54.3	94	17.1	274	9.1	9.1	A	*	
* 9918	54.8	95	16.9	274	9.1	9.0	A	*	
* 9920	43.4	96	17.0	274	9.1	9.1	C	*	
* 9922	46.0	96	17.0	273	9.2	9.1	A	*	
* 9924	45.5	96	16.9	273	9.2	9.2	A	*	
* 9926	49.9	97	16.9	273	9.2	9.1	C	*	
* 9928	50.1	96	16.8	273	9.1	9.1	C	*	
* 9930	48.5	93	16.8	273	9.1	9.1	A	*	
* 9932	49.5	94	16.8	273	9.1	9.1	C	*	
* 9934	46.0	89	16.6	272	9.1	9.1	A	*	
* 9936	44.5	95	16.8	271	9.1	9.0	A	*	
* 9938	45.0	97	16.9	272	9.1	9.0	A	*	
* 9940	52.2	96	16.9	271	9.1	9.0	A	*	
* 9942	46.9	97	16.8	272	9.2	9.0	A	*	
* 9944	44.0	100	16.8	273	9.1	9.0	A	*	
* 9946	45.1	101	16.9	274	9.1	9.1	C	*	
* 9948	44.9	102	16.7	273	9.1	9.0	C	*	
* 9950	45.6	88	16.6	273	9.1	9.0	C	*	
* 9952	45.7	87	16.7	273	9.2	9.0	A	*	
* 9954	50.2	95	16.6	273	9.1	9.0	A	*	
* 9956	50.0	96	16.6	273	9.1	9.0	A	*	
* 9958	51.2	95	16.7	273	9.1	9.0	A	*	
* 9960	46.1	95	16.7	273	9.1	9.0	C	*	
* 9962	46.0	96	16.7	274	9.1	9.0	C	*	
* 9964	45.2	87	16.7	274	9.1	9.0	C	*	
* 9966	44.4	86	16.7	273	9.1	9.0	C	*	
* 9968	43.8	93	16.8	273	9.1	9.0	A	*	
* 9970	44.9	94	16.9	274	9.1	8.9	A	*	
* 9972	56.0	100	16.8	275	9.1	8.9	A	*	
* 9974	56.2	100	16.7	275	9.1	9.0	A	*	
* 9976	49.0	88	16.6	275	9.1	9.0	C	*	
* 9978	51.6	98	16.6	276	9.1	9.0	A	*	
* 9980	51.9	97	16.7	275	9.0	9.0	A	*	

* QUAL. * INDEX *

* BOREHOLE *
* DIA. 1-3 DIA. 2-4 * = A
* * * * *

* 9982	48.6	95	16.6	276	9.0	9.0	A
* 9984	45.4	97	16.4	275	9.0	9.1	C
* 9986			16.3	273	9.1	9.4	
* 9988			16.3	273	9.2	9.6	
* 9990	54.4	89	16.4	272	9.3	9.3	A
* 9992	46.9	94	16.6	272	9.3	9.1	A
* 9994	46.4	92	16.7	272	9.4	9.1	A
* 9996			16.6	272	9.2	9.0	
* 9998	42.9	89	16.5	272	9.0	9.0	D
* 10000	44.5	88	16.6	272	9.1	9.1	D
* 10002	42.9	92	16.8	273	9.1	9.1	D
* 10004	38.4	86	16.8	269	9.1	9.1	D
* 10006			16.6	272	9.2	9.0	
* 10008	66.2	96	16.6	274	9.2	9.0	D
* 10010			16.6	271	9.1	9.0	
* 10012	45.5	94	16.6	271	9.0	9.1	H
* 10014	44.1	94	16.5	271	9.2	9.0	H
* 10016			16.4	270	9.0	8.9	
* 10018	46.2	88	16.5	270	9.0	8.9	C
* 10020	46.5	89	16.5	270	9.0	8.9	C
* 10022	41.9	93	16.4	270	9.1	8.9	A
* 10024	41.3	93	16.4	270	9.2	8.9	A
* 10026	44.0	92	16.5	270	9.1	8.9	A
* 10028	44.3	91	16.6	270	9.1	8.9	A
* 10030	46.7	97	16.5	269	9.1	8.9	A
* 10032	46.4	96	16.4	270	9.1	8.9	A
* 10034	46.2	89	16.5	271	9.1	8.9	A
* 10036	44.1	93	16.7	271	9.1	8.9	A
* 10038	43.7	94	16.6	271	9.1	8.9	A
* 10040	45.2	92	16.6	271	9.1	8.9	A
* 10042	46.3	88	16.8	271	9.1	8.9	A
* 10044	42.6	97	17.0	271	9.2	8.9	C
* 10046	48.3	92	17.1	272	9.2	8.9	A
* 10048	47.7	93	17.0	271	9.2	8.9	A
* 10050	46.3	94	16.9	271	9.2	8.9	A
* 10052	46.6	89	17.0	271	9.1	8.9	A
* 10054	50.6	88	17.1	271	9.1	8.9	C
* 10056	51.7	93	17.2	271	9.1	8.9	A
* 10058	46.3	98	17.2	272	9.1	8.9	A
* 10060	48.5	97	17.3	271	9.1	8.9	C

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
PAGE 34-FILE 1									

* FORMATION *			* BOREHOLE *				* QUAL. *		

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	#A		

* 10222	47.2	101	20.1	279	9.2	9.0	E	*	
* 10224	49.0	99	20.0	278	9.1	8.9	F	*	
* 10226	55.5	103	19.9	278	9.0	8.9	A	*	
* 10228	53.5	103	20.2	278	9.1	9.0	A	*	
* 10230	47.6	102	20.4	279	9.2	9.0	A	*	
* 10232	47.8	97	20.7	279	9.1	8.9	C	*	
* 10234	48.3	94	21.1	277	9.0	8.9	C	*	
* 10236			21.2	278	9.0	8.9		*	
* 10238	42.1	112	21.1	278	9.1	8.9	A	*	
* 10240	41.5	98	21.0	277	9.0	8.9	F	*	
* 10242	45.3	100	20.8	278	9.1	8.9	A	*	
* 10244	46.1	109	20.7	279	9.3	9.0	C	*	
* 10246			21.0	278	9.6	9.0		*	
* 10248	51.2	98	21.5	278	9.6	9.0	C	*	
* 10250	42.6	98	21.8	277	9.4	8.9	A	*	
* 10252	41.2	98	22.2	277	9.2	8.9	A	*	
* 10254	36.3	105	22.1	277	9.2	8.9	E	*	
* 10256	48.8	85	21.5	277	9.2	8.9	C	*	
* 10258			21.0	279	9.1	8.9		*	
* 10260	41.0	87	21.1	279	9.2	8.9	C	*	
* 10262	34.1	98	21.5	278	9.3	8.9	C	*	
* 10264	44.1	96	21.9	278	9.1	8.9	C	*	
* 10266	45.3	98	21.8	277	8.9	8.9	A	*	
* 10268	48.4	103	21.5	277	8.7	9.0	A	*	
* 10270	49.6	100	21.7	277	8.8	9.0	A	*	
* 10272	49.5	94	21.9	277	9.1	8.9	C	*	
* 10274	46.6	96	22.1	279	9.1	9.0	E	*	
* 10276	42.7	99	22.3	278	9.0	9.0	F	*	
* 10278	42.8	99	22.4	277	8.9	8.9	E	*	
* 10280	40.2	105	22.1	277	8.9	8.9	F	*	
* 10282	37.5	105	21.5	277	8.9	8.8	E	*	
* 10284			21.6	277	8.9	8.9		*	
* 10286	48.5	102	21.8	279	8.9	8.9	A	*	
* 10288	44.6	96	21.9	278	8.9	8.8	A	*	
* 10290	48.0	95	21.9	277	8.9	8.8	A	*	
* 10292	46.8	94	21.8	277	8.9	8.8	A	*	
* 10294	46.1	95	21.7	278	8.8	8.8	A	*	
* 10296	53.3	100	22.0	278	8.8	8.7	A	*	
* 10298	52.2	101	22.5	278	8.8	8.7	A	*	
* 10300	52.5	101	22.4	278	8.8	8.7	A	*	

ARCO OIL & GAS CO.									

CUSTER WELLS #1									

PAGE 36-FILE 3									

Schlumberger

* FORMATION *				* BOREHOLE *				* QUAL. *	

* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *	* INDEX *	
* * *	* * *	AZI.	* * *	AZI.	1-3	2-4	* NA *	* * *	

* 7666	51.6	153	2.0	68	11.3	9.2	D	*	
* 7668	53.0	150	1.9	68	11.5	9.2	B	*	
* 7670	45.2	151	1.9	67	11.5	9.3	D	*	
* 7672			1.8	68	11.5	9.2		*	
* 7674			1.9	69	11.5	9.1		*	
* 7676			2.0	69	11.5	9.0		*	
* 7678			2.0	70	11.5	9.1		*	
* 7680			2.0	71	11.5	9.2		*	
* 7682	31.2	167	2.1	73	11.3	9.2	D	*	
* 7684			2.1	74	11.2	9.2		*	
* 7686			2.2	75	11.1	9.1		*	
* 7688			2.2	75	11.1	9.1		*	
* 7690	10.3	336	2.2	76	11.1	9.1	B	*	
* 7692	29.2	182	2.2	76	11.1	9.2	D	*	
* 7694	29.7	181	2.3	77	11.1	9.2	D	*	
* 7696			2.2	78	11.1	9.2		*	
* 7698			2.2	78	11.1	9.2		*	
* 7700			2.1	79	11.2	9.3		*	
* 7702			2.2	79	11.4	9.4		*	
* 7704			2.2	79	11.6	9.5		*	
* 7706			2.2	79	11.7	9.4		*	
* 7708			2.2	80	11.7	9.4		*	
* 7710			2.1	80	11.7	9.5		*	
* 7712			2.1	79	11.7	9.5		*	
* 7714			2.1	79	11.7	9.6		*	
* 7716			2.1	80	11.6	9.6		*	
* 7718			2.2	80	11.7	9.6		*	
* 7720			2.2	80	11.8	9.7		*	
* 7722			2.2	80	11.9	9.7		*	
* 7724			2.2	81	12.0	9.8		*	
* 7726			2.2	81	12.0	9.8		*	
* 7728			2.2	81	12.0	9.8		*	
* 7730			2.2	82	12.0	9.8		*	
* 7732			2.2	83	11.9	9.7		*	
* 7734			2.3	83	11.9	9.7		*	
* 7736			2.3	83	11.7	9.6		*	
* 7738			2.3	83	11.6	9.4		*	
* 7740			2.3	83	11.4	9.3		*	
* 7742			2.3	84	11.3	9.4		*	
* 7744			2.4	84	11.4	9.5		*	

FORMATION				BOREHOLE		QUAL.	

DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	A

10010			17.0	272	9.0	9.0	
10012	49.2	102	17.3	272	8.9	9.1	A
10014	42.1	101	17.1	274	9.0	9.0	A
10016	46.0	97	17.0	277	9.1	8.9	A
10018	47.6	87	16.9	276	9.0	8.9	C
10020	47.1	84	16.5	273	9.0	8.9	C
10022	43.6	95	16.3	271	9.1	8.9	A
10024	43.5	93	16.3	271	9.1	8.9	A
10026	44.6	90	16.3	272	9.1	8.9	A
10028	44.1	92	16.3	271	9.1	8.9	A
10030	43.1	97	16.4	270	9.1	8.9	A
10032	43.4	98	16.5	271	9.1	8.9	A
10034	45.5	92	16.5	272	9.0	8.9	A
10036	46.0	93	16.5	272	9.0	8.9	C
10038	43.1	95	16.5	272	9.0	8.9	A
10040	43.3	95	16.6	272	9.0	8.9	A
10042	45.1	88	16.7	271	9.0	8.9	A
10044	40.3	97	16.6	271	9.1	8.9	C
10046	52.4	88	16.5	272	9.1	8.9	A
10048	48.3	92	16.5	272	9.2	8.9	C
10050	47.8	92	16.7	272	9.2	8.9	C
10052	49.8	89	16.9	272	9.1	8.9	C
10054	47.6	89	17.0	271	9.0	8.9	A
10056	46.1	93	17.0	271	9.0	8.9	C
10058	45.1	94	17.0	272	9.0	8.9	A
10060	48.1	98	17.1	272	9.1	8.9	C
10062	48.7	97	17.1	272	9.1	8.9	C
10064	49.8	92	17.1	272	9.1	8.9	C
10066	49.8	92	17.3	272	9.3	8.9	C
10068	48.4	94	17.7	271	9.4	8.9	A
10070	47.8	94	17.7	272	9.3	8.9	A
10072	35.9	100	17.6	272	9.1	8.9	C
10074	45.8	98	17.5	271	9.1	8.9	C
10076	45.5	96	17.4	272	9.0	8.9	A
10078	46.0	93	17.5	271	9.0	8.9	A
10080			17.4	272	9.0	8.9	
10082	37.9	96	17.4	272	9.0	8.9	A
10084	48.4	96	17.3	272	8.9	8.9	A
10086	46.8	96	17.3	273	8.7	8.9	A
10088	46.9	94	17.4	273	8.7	8.9	A

* FORMATION *			* BOREHOLE *				* QUAL. *	

* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *	* INDEX *
		AZI.		AZI.	1-3	2-4	* QA *	

* 10170	53.7	96	18.9	276	8.0	8.9	C	*
* 10172	54.7	99	19.4	276	8.2	8.9	C	*
* 10174	49.1	96	19.3	275	8.6	8.9	C	*
* 10176	49.9	95	19.1	275	8.9	8.9	C	*
* 10178	45.7	97	19.1	275	8.9	8.9	A	*
* 10180	49.1	94	19.2	276	9.0	8.9	A	*
* 10182	48.6	94	19.3	275	9.1	8.9	A	*
* 10184	48.4	95	19.3	275	9.0	8.9	A	*
* 10186	51.1	104	19.4	275	8.9	8.9	C	*
* 10188	41.3	97	19.3	275	8.8	8.9	A	*
* 10190	43.3	97	19.1	275	8.9	8.9	C	*
* 10192			19.2	276	8.9	8.9		*
* 10194	52.6	96	19.2	276	8.9	8.9	C	*
* 10196	46.1	96	19.1	276	8.9	8.9	C	*
* 10198	48.7	94	19.1	277	9.0	8.9	C	*
* 10200	49.2	97	19.3	278	9.0	9.0	A	*
* 10202	49.4	98	19.5	278	9.0	8.9	A	*
* 10204	46.3	101	19.6	278	9.0	8.9	C	*
* 10206	51.0	96	19.7	282	9.0	9.0	C	*
* 10208	53.7	96	19.9	284	9.0	9.0	C	*
* 10210	51.1	100	20.0	284	9.0	9.0	C	*
* 10212	49.0	102	20.1	286	9.2	9.0	C	*
* 10214	50.7	102	20.1	286	9.2	9.0	A	*
* 10216	47.3	103	20.2	285	9.2	9.0	E	*
* 10218	46.7	107	20.2	283	9.2	9.0	E	*
* 10220	48.6	101	20.1	282	9.2	9.0	A	*
* 10222	43.2	105	20.2	282	9.2	9.0	E	*
* 10224	42.9	101	20.4	281	9.2	9.0	F	*
* 10226	42.7	99	20.5	283	9.0	8.9	E	*
* 10228	44.2	96	20.4	283	8.9	8.9	E	*
* 10230	47.5	102	20.1	283	9.1	9.0	A	*
* 10232	47.7	100	20.3	282	8.9	8.9	E	*
* 10234	52.2	95	20.6	277	8.7	8.9	C	*
* 10236	42.5	111	20.5	277	8.9	8.9	D	*
* 10238	41.6	110	20.3	277	9.0	8.9	A	*
* 10240	41.6	100	20.4	278	9.0	8.9	E	*
* 10242	42.7	99	21.1	277	9.0	8.9	E	*
* 10244	49.9	95	21.4	277	9.0	8.9	C	*
* 10246	49.8	97	21.3	277	9.3	9.0	C	*
* 10248			21.1	277	9.6	9.0		*

ARCO OIL & GAS CO.									
CUSTER WELLS #1									
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ARCO OIL & GAS CO.

CUSTER WELLS #1

SUMMARY

* DEPTH *	* DIP	* DIP AZM	* DEV	* DEV AZM	* DIAM 1-3	* DIAM 2-4	* QUAL	*
* TOP								*
* 7502.0	52.7	192.	2.5	45.	9.8	9.7	*	*
* BOTTOM								*
* 10308.0	52.7	101.	22.3	277.	8.3	8.6	*	*
* TOP								*
* 7506.0	10.9	162.	2.5	47.	9.7	9.6	0	*
* BOTTOM								*
* 7794.0	16.5	360.	2.5	90.	10.9	9.7	8	*
* TOP								*
* 10010.0	41.1	292.	17.0	272.	9.0	9.0	*	*
* BOTTOM								*
* 10308.0	49.5	104.	23.2	278.	8.4	8.8	0	*