# XOG OPERATING, LLC CATCLAW DRAW 18 #1 DRILLING DETAIL APL#30-015-34574.

SURF		

SUMMUL	
4/9/06	Spud.well @ 10:15 pm.
4/10/06	Lost returns @ 51'. Dry drill, sweeping hole clean every connection w/50 Bbls
	Hi-Vis/LCM Sweeps.
4/11/06	Notified OCD of Surface Csg & cmt job. Bryan Arrant instructed to run temp
	survey if cement not circulated. TD surface hole @ 550'. Set 13. 375 surface
	casing (cement report attached). Bumped plug w/229 psi. Notified OCD no
	cement to surface.
4/12/06	Run Temp Survey & determine TOC @ 465'. Van Barton @ NMOCD ok'd
	plans to bring cement to surface via 1" pipe. Pumped 450 sx in 7 stages as per

cememt report attached. WOC. Test csg & annular BOP to 1200 psi for 30 mins.

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					1,35	47 - 2 985980 LCS -		400	17.5
					1,45	i0'		None	* 1 1111

INTERMED		

4/18/06	TD 12.25 hole @ 2,155'. No returns. Pump & Condition hole, no returns.
	Notified Bryan Arrant of OCD of intent to set intermediate casing & cement.
	Pump 50 bbls 12# LCM sweep & 150 bbls 24# LCM Pill, no returns. Run 8 5/8"
	intermediate casing. Cement report attached. Bump plug w/ 883 psi. Check
	floats. Phil Hawkins of OCD on site @ 8:30 am to review cement job, TOC &
	plans to bring cement to surface by 1" pipe. Notified Van Barton @ NMOCD of
	TOC @ 1490' & plans of bringing cement to surface via 1" pipe.
4/19/06	Cement thru 1" pipe in 39 stages w/2125 sx + 20 yd pea gravel as per cement
	report attached. Notified Phil Hawkins tag TOC w/1" @ 1438' & 1st plug, he
	ok'd. Notified Mike Butler of 2 <sup>nd</sup> cmt plug. Notified Mike Butler of no gain on
	3 <sup>rd</sup> cmt & tag & 4 <sup>th</sup> cmt. Notified Mike Butler of 5 <sup>th</sup> cmt. Continue cement stages
	(cement report attached).
4/21/06	Notify NMOCD-Ok'd 5-10 yds pea gravel + cmt on top.
4/22/06	Lost tag, Notify NMOCD of new tag: Update NMOCD, Van Barton ok'd either
	adding pea gravel & cmt mixed or adding ready mix down backside.
4/25/06	Cement to surface. Pump 1 bbl to pit. Install B sec. 13 5/8" MX 11" 5m.
	Pressure test to 2000 psi for 10 minutes

# XOG OPERATING, LLC CATCLAW DRAW 18#1 DRILLING DETAIL API #30-015-34574

PRODUCT	<u>ION CASING</u>
5/2/06	Install H2S Safety Equipment @ 5,767.
5/6/06	Partial returns @ 8,546'-8,717'. Pump LCM Sweeps to regain full returns & slow
	seepage.
5/20/06	Notified NMOCD, Van Barton ok'd permission to drill to 11,100' (permitted to
	11,000').
5/21/06	TD well @ 11,100'. Sweep hole w/150 bbls high visc/lcm.
5/22/06	Halliburton ran Tripple Combo Logs.
5/23/06	Notify Van Barton, NMOCD of operations to run & cement 51/2" production
	Casing
5/25/06	Cement w/600 sx 15:61:11 Class C. Displace w/fresh water & mud. Bumped
	plug w/1900 psi. Drop plug to open DVT. Circulate 142 sx to pit. WOC 5.5 hrs.
	Preflush w/150 bbls nitrofied mud, follow w/fresh water spacer. Pump 2" stage
	1050 sx 35:65:6 Class C. Tail w/100 sx H-Neat. Displace w/187 bbls fresh
	water Close DVT w/2926 psi. Full returns w/800 psi circ. No cement to
	surface. Cut off 5.5 casing. Lay down BOP stack. Install C-section w/cap & test
	to 5,000 psi
- manar	
5/26/06	Release drilling rig.

ATTACHMENTS: Initial Surface Cement Report, Temp Survey (mailed), Surface 1" Top Out Cement Report, Chloride Report (mail). Initial Intermediate Cement Report, Intermediate 1" Top Out Cement Report. Production Casing Cement Report, CBL (mailed), Tripple Combo Logs (mailed), Casing Tests (mailed).

## CEMENT JOB REPORT



CUSTOMER	Xeric Oli & Ga	6		DATE 12-AF	P-08 F.I	C# 42111	0394	SE	RV. SUPV.	FRANC	ECOP CA	STILLO
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Page 1

De Arreis



XOG OPERATING LLC - CATCLAW 18-1 INTERMEDIATE CASING INITIAL CEMENT REPORT

**OPERATOR** 

XOG

Well Name	CATCLAW 1	8-#1	Date	4/24/2006_Page	e <u>1</u> of <u>1</u>
	CASIN	G DETAIL F	ROM BOTT	OM TO TOP	
	Measured Depth	2155		Bit Size	12.25"
Size	Length	# of Joints	Weight	Grade	Connection
8 5/8	1.5	Float Shoe			8RD
8 5/8	45.79		24#	J-55	ST&C
8 5/8	1.75	Float Collar			ST&C
8 5/8	2118.51	47	24#	J-55	ST&C
<u> </u>					
Resemble to the second of the					
				anggering of the site of the second of the s	
Centralizers 1335	2154,55 10 # Run	Placement Dep	etting Depth oths: 2134	,2065,1975,1886,17	94,1700,1610,1517,1425,
1000					
Other Cemer	nting Aids: 1" PIF	ESTRING. & PE	EA GRAVELJ20YA	NRDSI	
	nenting Detail	Cementing Co	5 2 mm - 2 - 2 mm - 2 m	UMBERGER	
	레이크 중에게 모르는 그는 것이			VIII 0.40 H0/6	k Mix Wtr 14.25 Gal/s
Lead Type	50:50 POZ C. Vol _	500 sxs W		TO PRESENT A PROPERTY OF THE PARTY OF THE PA	A WIX YVII 14.20 Cair.
Additives:	10% D20 + 0.2% D46 +3	SPPSD24 +0.125	PPSD130 + 5% L	744(BWOW)	
			. Ave ope	Viola 4.24 ft3/s	k Mix Wtr 5.98 Gal/s
Tail Type	The state of the s	e ZOSE PARSON STOP AND FORD	( <u>. 14.6</u> PPG	1.0/5	N. IVIIA YVII
Additives:	2%S1 + 3PPSD24 + 0.1	25PPSD130			
			(tupo fluid) Brum	o plug(Ý or N) v	with 883 PSI
	ment w/ 135 bbls			N) <u>N</u> C	
Keturns		RESERVATION OF THE CO.			Sx Circ 0
	Y A STATE OF THE PARTY OF THE P	12:27am	Part California de la California de		Control of the Contro
Remarks: PF	REFLUSH WITH 2SKS GE	L & 2SKS CEMN	ET (50BBLS), 15	0 SKS RFC (10-2-A	) + 3PPSD24 + 0.125
PPS D130. T	OC BY SURVEY @1490.	1"PIPE TOC TAC	€ @1438'. PUMPI	ED 39 STAGES FR	JM 1438 TU SURFACE
1960SX CMT	T+ 20 YARDS 3/8" PEA GI	RAVEL. 1 BBL C	MT TO PIT @03:	15PM 4/24/06. NMC	ICU NUTIFIED.

- FR - 125 20	3 4 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	OUT

50	8	12	100	150	200	250		
75	12	18	150	225	300	376	Ridia - Wi	
100	16	24	200	300	400	500		n og grån dije. Naskog Nigerije en
							Density Yi	eld
dat Dilia	21	5sks+150#S	_4	Tagged @ 1438		Cmt @ 1405	14.8	1.32
1st Plug 2nd Plug	The state of the s	5sks+150#S	ran Morganiya (b. 12	Tagged @ 1438		Cmt @ 1405	14.8	1.32
3rd Plug	17016, 1	5sks+350#S	Refer to select reportion	Tagged @ 1438		Cmt @ 1405	14.8	1.32
4th Plug	* 17/43 h 1-236	5sks+350#S	serverskipt beginning	Tagged @ 1420		Cmt @ 1405	14.8	1.32
5th Plug	Colorado CENTRAS	0sks+400#S	Maria Maria Cara Cara Cara	Tagged @ 1420		Cmt @ 1405	14.8	1.32
6th Plug		Osks+450#3	eschillacuen	Tagged @ 1345	17.660 2. S.A P.	Cmt @ 1280	14.8	1.32
7th Plug	* * * * * * * * * * * * * * * * * * *	)0sks+650#	ACCORDAGO POR L	Tagged@1003		Cmt@ 970	14.8	1.32
8th Plug		Osks+300#S	21 11 186 186 186 18 50 18 6	Tagged @ 1003		Cmt@ 970	14.8	1.32
9th Plug	data da Principalità	0sks+350#S	W 13 155 MAG	Tagged @ 1003		Cmt @ 970	14.8	1.32
10th Plug	100000	6sks+150#9		Tagged @ 1003		Cmt @ 970	14.8	1.32
11th Plug	er i Para e i 115	5sks+150#S	> 1 4/27************************************	Tagged @ 1003		Cmt @ 970	14.8	1.32
12th Plug	2 5 N 1 1 Harristan,	0sks+150#S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tagged @ 1003		Cmt @ 970	14.8	1.32
13th Plug	1 1977	Osks+350#5	Daniel Brett	Tagged @ 1003		Cmt @ 970	14.8	1.32
14th Plug	3.11.21 - 11.11.29.6812.L/Es	Osks+250#		Tagged @ 1003		Cmt @ 970	14.8	1.32
15th Plug		Right Angle	Commence of the State of the St	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Cmt @ 970	15	2,01
16th Plug				Tagged @ 1003		Cmt @ 970	15	2.01
17th Plug		5sks+300#S		Tagged @ 1003		Cmt @ 970	14.8	1.32
18th Plug	20 C C C C C C C C C C C C C C C C C C C	pped Pea G	2013 MAIN SHEET SHEET	Tagged @ 1003	1 - 10015 8585 858	Cmt @ 970	Fell Back	
	\$150 miles   1, 100 miles (1996)	5sks+200#S	XXXX	Tagged @ 1428	28 25 35 35 35 32	Cmt @ 1408	14.8	1.32
19th Plug		5sks+150#S		Tagged @ 1438		Cmt @ 1366	14.8	1.32
20th Plug	er om Filming Vallend	5sks+150#S	现代 医二氏试验检	Tagged @ 1436	1000	Cmt @ 1366	14.8	1.32
21st Plug	- 1. 2 TEST 38 88 87 53	pped Pea G	W871.71 - JAW 10 ESC			ickside valve		
	. v 12 Total 8439890	75sks+500#		Tagged @ 1428		Cmt @ Surface	14.8	1.32
23rd Plug	2007	5sks+100#5		Tagged @ 1041		Cmt @ 1000	14.8	1.32
24th Plug	31.286X15.73	5sks+100#S	Alambert for a decayly	Tagged @ 1282		Cmt @ 1189	14.8	1.32
25th Plug		58ks+100#5		Tagged @ 1143		Cmt @ 1081	14.8	1.32
26th Plug	- Pro- 1997	35sks+7 <b>5#</b> S	entransation that is the	Tagged @ 1050		Cmt @ 992	14.8	1.32
27th Plug	5 . 1 C	35 <b>sks+75</b> #S	SECURATION	Tagged @ 797		Cmt @ 765	14.8	1.32
28th Plug	and the first of t	35sks+75#S	Salania in the Salania	Tagged @ 795		Cmt @ 765	14.8	1.32
29th Plug		35sks+7 <b>5#</b> S	-1	Tagged @ 797		Cmt @ 765	14.8	1.32
30th Plug		Osks+100#5	SEEDER CO. C. C. C. C. C. C. C.	Tagged @ 662		Cmt @ 630	14.8	1,32
31st Plug		25sks+50 <b>#</b> S	-1	Tagged @ 797		Cmt@ 765	14.8	1.32
32nd Plug		35sks+75 <b>#</b> S	1	Tagged @ 961		Cmt @906	14.8	1.32
33rd Plug	-10	)0sks+20 <b>0#</b>	S-1	Tagged @ 974		Cmt @ 908	14.8	1.32
34th Plug		25sks+60#S	4	Tagged @ 833		Cmt @ 800	14.8	1.32
35th Plug		35sks+75 <b>#</b> S	as a company of some	Tagged @ 530		Cmt @ 480	14.8	1.32
36th Plug	25	50sks+150S	30 / X 2002	Tagged @ 797		Cmt @ 720	14.8	1.32
37th Plug	7	5sks+225#8	<b>S-1</b>	Tagged @ 740		Cmt @ 680	14.8	1.32
38th Plug	5	iOsks+150#3	341	Tagged @ 642		Cmt @ 480	14.8	1,32
39th Plug	11	50sks+450#	S-1	Tagged @ 405		Cmt @ 345	14.8	1.32
			(	Cement @ Surfac	æ			

#### **CEMENT JOB REPORT**



	Xeric Oil & G	95		DATE 24-A	MAY-08 F.F	l.# 42091	10373	36	RV. SUPV.	LYLED	SPURLOCK	JR .
EASE & WE				LOCATION 18-215-2				C	DUNTY-PARI Eddy New M	Syple will	K	
CATCLAN	<u>V 181 - API 30</u>	/15345/4UUX			ONTRACTOR	RIG #		· in	PE OF JOB	DABA		<del></del>
Artesia			1107	PATTERS CSG-HARDW	ON144		na in indiana. Ny INSEE dia mampiasa ny kaominina mpikambana ao amin'ny faritr'o ao amin'ny faritr'o ao amin'ny faritr'o anta	INVENCAL RI	Long String	EDTIES		
CONTRACTOR STREET	& TYPE OF PL	2006.60		/TS Float Co	\$1900 T. V. H. K	SACKS	SLURRY	SLURRY	WATER	PUMP	ВЫ	8bl
Jernent Pil	ig, Rubber, T	70 0-112 III	Float Shoe		/MGI, U-1/2 II	OF CEMENT	WGT PPG	TLD FT	GPS	TIME HR:MIN	SLURRY	MIX
		ATEGIAL O.E	URNISHED B	ige-partiti biblightight.			Barren .			111/4/1904		12 mm 1 m 2 mm
<u> Salara ikud</u>	<u>,                                    </u>	WIENDIEST					5363685 5368376				12	
AND CIE	2 - 17 12 12 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1			A.U. A. K.		844	13.9	4 6 6		03:50	164	
	+6/10%FL521	6/10%PL25	+.13%6M6+	OWLCIWI1		600	192	1.58	7.51	03.30	150	
NITROFIE	D MUD 8/10%FL52+3	<u> </u>	ED CALTAN		and the second s	1.050	12	2.57	14.24	04:38	481	
	MIDWLFC24:	V1076CD32*	DWOWE I TO	MUCANI.		100	15.6	1.18	200		21	12
H NEAT		a at juniz (146. a Kalonski Venika (					l tern	<u> </u>			•	
Available M	lx Water 10	00 Bbl.	Available Di	spi. Fluid	1000 Bbl.			ACAD NO.	TOTA	4.50M:151); 111.	828	472
	HOLE WEXCESS	DEPTH	SIZE	l WGT.	TBG-CSG-	***************************************	ети Г	GRADE	SHOE	A.,	COAT LOAT	STAGE
<u> 617E</u> 7.875	Service Committee of the Committee of th	11100	5.		17 CSG		11098 P		1109		11058.2	
	LAST CASING		PKI	CMT RET-BI	R PL-LINER	PE	RF, DEPTH	то	PCONN		WELL FLUID	
SIZE   W	GT TYPE	I DEPTI		AND & TYPE	) bi	етн то	Contract to the contract of the contract of	C. C	THREAD	TYPE		WGT
8.625	24 CSG	215	NO PACK	A. J.			q	9 5.0	8RND	WATER	BASED MI	1,
DISPL V	SHUME	DIS	PL FLUID	CAL P				AX TBG PSI		AX CSG F		MIX WATER
AOLINE	NOM	TYPE	WG.	T. BUMP PL	JIG TORE	V. SQ.	PSI RAT	ED Opera	tor RATI		parator	
25	BBLS			10	90	0	0	0	0 10	640	8512 R	IG
						iá lil					Sale jaga i	na. Senatura
			IRATE DETAIL			ENTING: N	ONE		EXPLANATI	ON:		
TIME HR:MIN	PRESSU	PRESSURE RE-PSI			FLUID	SASSIVI	(EETING: E	J CREW X	terrir Si			
TIME HR:MIN.	PRESSU PIPE	PRESSURE	RATE DETAIL	BM. FLUID	FUID	SAFETY N	(EETING: E	J CREW X 5000 PSI	CO. REP.			
3.00 Feb. 33.00cm		PRESSURE RE-PSI	RATE DETAIL	BM. FLUID	FUID	SAFETY N	ING WELL	J CREW X 5000 PSI	CO. REP.			
HR:MIN.		PRESSURE RE-PSI	RATE DETAIL	BIL FLUID PUMPED	FLUID TYPE	SAFETY N TEST LINE CIRCULAT	MEETING: E IS TING WELL MEETING	J CREW X 5000 PSI	CO. REP.			
AR:MIN. 09:15	PIPE 5000 210	PRESURE RE - PSI ANNULUS 0	RATE DEVAIL RATE BPM .5	BBL FLUID PUMPED 1.5	FLUID TYPE H2O MCII	SAPETY INTEST LINE CIRCULAT SAFETY I TEST LINE MUDGLE	MEETING: E IS TING WELL MEETING	LI CREW X 5000 PSI - RIG X	CO. REP.			
09:15 09:29 09:34 09:36	5000 210 290	PRESSURE RE-PSI ANNULUS 0 0	RATE DEVAI RATE BPM .5 4.9 4.5	BBL FLUID PUMPED .5 .12	FLUID TYPE H2O MCII H2O	SAFETY INTEGRAL AND ASSETT AND ASSET ASSET AND ASSET ASSET ASSET AND ASSET A	MEETING: B IS TING WELL MEETING ES AN SPACE	LI CREW X 5000 PSI - RIG X	CO. REP.			
09:15 09:29 09:34 09:36 09:40	5000 210 290 384	PRESSURE RE-PSI ANNULUS 0 0 0	RATE DEVAI RATE BPM .5 4.9 4.9 4.8	BBL FLUID PUMPED 	FLUID TYPE HZO MCII HZO CMT	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LINE MUDCLE/ SPACER CEMENT(	MEETING: E IS IING WELL MEETING ES AN SPACE B13.2	UCREW X 5000 PSI RIG X	GO. REP.			
09:15 09:29 09:34 09:36 09:40 10:23	5000 210 290 384	PRESSURE RE - PSI ANNULUS 0 0 0 0	RATE DET/AI RATE BPM 	- BBL FLUID PUMPED 5 12 20 169	HZO MCII HZO CMT	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDGLE/SPACER CEMENT(SHUT DO	MEETING: B IS TING WELL: MEETING ES AN SPACE B13.2 WN DROP	UCREW X 5000 PSI RIG X	CO REP.			
09:15 09:29 09:34 09:36 09:40 10:23 10:28	5000 210 290 384 0 1180	PRESSURE RE 'PSI ANNULUS 0 0 0 0	RATE DEVAI RATE BPM 5 4.9 4.9 4.9 0 7.3	- BBL FLUID PUMPED55 .12 .20 .169 .0	H2O MCII H2O CMT CMT H2O/MUD	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LINE MUDGLE/SPACER CEMENT(SHUT DO DISPLACE	MEETING: IE IS IING WELL MEETING ES AN SPACE 1913.2 WIN DROP	UCREW X 5000 PSI RIG X	GO. REP.			
09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10	5000 210 290 384 0 1180 910	PRESSURE RE - PSI ANNULUS 0 0 0 0	RATE DET/AI RATE BPM 	- BBL FLUID PUMPED5 .12 .20 .169 .00 .246 .10	H2O MCII H2O CMT CMT H2O/MUD MUD	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDGLE/SPACER CEMENT(SHUT DO	MEETING: IE IS IING WELL MEETING ES AN SPACE MI 13.2 WN DROP E	UCREW X 5000 PSI RIG X	GO. REP.			
09:15 09:29 09:34 09:36 09:40 10:23 10:28	5000 210 290 384 0 1180	PRESSURE RE PSI ANNULUS 0 0 0 0 0 0	RATE DEVAI RATE BPM .5 4.9 4.9 4.9 7.3 3	- BBL FLUID PUMPED   5   12   20   169   246   10   0   0	H2O MCII H2O CMT CMT H2O/MUD	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LINE MUDGLE/SPACER CEMENT(SHUT DO DISPLACE SLOW RA	MEETING: IE  ING WELL MEETING ES AN SPACE  1013.2 WIN DROFE LTE	UCREW X 5000 PSI RIG X	GO. REP.			
09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12	5000 210 290 384 0 1180 910 1900	PRESSURE RE PSI ANNULIS 0 0 0 0 0 0 0	RATE DEVAI RATE BPM .5 4.9 4.9 4.9 7.3 3	- BBL FLUID PUMPED   5   12   20   169   246   10   0   10   10   10   10   10   10	H2O MCII H2O CMT CMT H2O/MUD MUD MUD	SAPETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDCLE/SPACER CEMENT(SHUT DO DISPLACE SLOW RAPLUG DO	MEETING: IE  IS  ING WELL  MEETING  ES  AN SPACE  MIN DROP  INTE  WN  GL	UCREW X 5000 PSI RIG X	GO. REP.			
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09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12 12:02 15:47	5000 210 290 384 0 1180 910 1900 1094	PRESSURE RE PSI ANNULIS 0 0 0 0 0 0 0 0	#ATE CEVAL PATE BPM 	\$5 12 20 169 248 10 0 10 150 10 481	H2O MCII H2O CMT CMT H2O/MUD MUD MUD MUD MUD MUD H2O CMT	SAPETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDCLE SPACER CEMENTO SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD@12	MEETING: ES ING WELL MEETING ES AN SPACE MIN DROP E LTE WN OL ED MUD	UCREW X 5000 PSI RIG X	GO. REP.			
HR:MIN.  09:15  09:29  09:34  09:36  09:40  10:23  10:28  11:10  11:12  12:02  15:47  16:14  16:18  17:50	5000 210 290 384 0 1180 910 1900 1094 560 450 520	PRESSURE  RE-PSI  ANNULUS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#ATE DETAIL  RATE BPM	5 12 20 169 248 10 0 110 150 481	HZO MCII HZO CMT CMT HZO/MUD MUD MUD MUD MUD HZO CMT	SAPETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDCLE SPACER CEMENTO SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LPAD@12 TAIL@15.	MEETING: ES FING WELL MEETING ES AN SPACE MINI DROP E LTE WINI OL ED MUD	D CREW X 5000 PSI - RIG X	GO. REP.	RU		
HR:MIN.  09:15  09:29  09:34  09:36  09:40  10:23  10:28  11:10  11:12  12:02  15:47  16:14  18:18  17:50  17:58	5000 210 290 384 0 1180 910 1900 1094 560 450 520 400	PRESSURE  RE-PSI  ANNULUS  0  0  0  0  0  0  0  0  0  0  0  0  0	#ATE DETAIL  #ATE	\$5 12 20 169 0 10 10 150 150 150 150 150 150 150 150	FLUID TYPE  H2O MCII H2O CMT CMT H2O/MUD MUD MUD MUD MUD H2O CMT CMT CMT CMT CMT CMT	SAFETY IN TEST LINE CIRCULAT SAFETY IN MUDCLE/SPACER CEMENT(SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD@12 TAIL@15. SHUT DO	MEETING: E  ING WELL MEETING ES AN SPACE  MIN DROP E LITE WN GL ED MUD 2.0 6	D CREW X 5000 PSI - RIG X  PLUG WA	GO. REP.  BJ  SH UP TO I	RU		
HR:MIN.  09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12 12:02 15:47 16:14 18:18 17:50 17:68 18:01	5000 210 290 384 0 1180 910 1900 1094 560 450 520 400 0	PRESSURE  RE - PSI  ANNULUS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#ATE DETAIL  #ATE BPM	BBL FLUID PUMPED 5 122 20 169 246 10 10 10 481 21	FLUID TYPE  H2O MCII H2O CMT CMT H2O/MUD MUD MUD MUD MUD MUD MUD CMT CMT CMT CMT CMT CMT CMT CMT	SAFETY INTEST LINE CIRCULAT SAFETY I TEST LIN MUDCLE/ SPACER CEMENT( SHUT DO DISPLACE SLOW RA PLUG DO OPEN TO NITROFIE SPACER LEAD@12 TAIL@15. SHUT DO DISPLACE	MEETING: E  ING WELL MEETING ES AN SPACE  B13.2 WN DROP E LTE WN GL ED MUD 2.0 6 WN DROP E	D CREW X 5000 PSI - RIG X	GO. REP.  BJ  SH UP TO I	RU		
HR:MIN.  09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12 12:02 15:47 16:14 18:18 17:50 17:58 18:01 18:30	5000 210 290 384 0 1180 910 1900 1094 560 450 520 400 0	PRESSURE  RE - PSI  ANNULUS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#ATE DETAIL  RATE BPM  -5 4.9 4.9 -7.3 -0 -1 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	BBL FLUID PUMPED	H2O MCII H2O CMT GMT H2O/MUD MUD MUD MUD MUD MUD CMT CMT CMT CMT CMT	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDGLE/SPACER CEMENT(SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD@12 TAIL@15. SHUT DO DISPLACE SLOW RAST	MEETING: E  ING WELL  MEETING  ES  AN SPACE  B13.2  WN DROP  L  TE  WN  GL  D MUD  2.0  6  WN DROP  E  WN DROP  E	D CREW X 5000 PSI - RIG X  PLUG WA	GO. REP.  B.J.  SH UP TO I	RU		
HR:MIN.  09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12 12:02 15:47 16:14 18:18 17:50 17:68 18:01	5000 210 290 384 0 1180 910 1900 1094 560 450 520 400 0	PRESSURE  RE - PSI  ANNULUS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#ATE DETAIL  #ATE BPM	BBL FLUID PUMPED 5 122 20 169 246 10 10 10 481 21	H2O MCII H2O CMT GMT H2O/MUD MUD MUD MUD MUD MUD MUD CMT CMT CMT CMT	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LIN MUDGLE/SPACER CEMENT(SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD@12 TAIL@15. SHUT DO DISPLACE SLOW RAPLUG DO DISPLACE SLOW RAPLUG DO	MEETING: E  ING WELL  MEETING  ES  AN SPACE  B 13.2  WN DROP  L  TE  WN  OL  D MUD  6  WN DROP  E  WN DROP	D CREW X 5000 PSI X R X PLUG WA	GO. REP.  B.J.  SH. UP TO I	RU		
HR:MIN.  09:15 09:29 09:34 09:36 09:40 10:23 10:28 11:10 11:12 12:02 15:47 16:18 17:50 17:68 18:30 18:33	5000 210 290 384 0 1180 910 1900 1994 560 450 520 400 0 1706 1800 2928	PRESSURE  RE - PSI  ANNULUS  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#ATE DEVAI RATE BPM	BBL FLUID PUMPED   5 12 20 169 248 10 0 10 150 481 21 0 481 21 0	H2O MCII H2O CMT GMT H2O/MUD MUD MUD MUD MUD CMT CMT H2O CMT CMT H2O CMT CMT H2O CMT LEFT ON	SAFETY IN TEST LINE CIRCULAT SAFETY I TEST LINE MUDGLE/SPACER CEMENT(I SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD@12 TAIL@15. SHUT DO DISPLACE SLOW RAPLUG DO THANK YOUR SPOT TOP OUT	MEETING: E  IS  ING WELL  MEETING  ES  AN SPACE  B 13.2  WN DROF  E  WN  OL  D MUD  8  WN DROF  E  WN DROF  E  WN DROF  E  WN DROF  E  WN  OU  DUANI  OU DUANI  OU DUANI  SERV	PLUG WA	GO. REP.  B.J.  SH. UP TO I			
HR:MIN.  09:15  09:29  09:34  09:38  09:40  10:23  10:28  11:10  11:12  12:02  15:47  16:14  16:18  17:50  17:58  18:30  18:30	5000 210 290 384 0 1180 910 1900 1094 560 450 520 400 0 1706 1800 2928	PRESSURE  RE - PS    ANNULUS  0  0  0  0  0  0  0  0  0  0  0  0  0	RATE DEVAI RATE BPM	BBL FLUID PUMPED  152 20 169 246 10 10 10 481 21 00 187 10 00	H2O MCII H2O CMT CMT H2O/MUD MUD MUD MUD MUD MUD MUD H2O CMT CMT CMT H2O H2O H2O H2O H2O	SAFETY IN TEST LINE CIRCULATE SAFETY IN MUDCLE/SPACER CEMENTO SHUT DO DISPLACE SLOW RAPLUG DO OPEN TO NITROFIE SPACER LEAD® 12. TAIL® 15. SHUT DO DISPLACE SLOW RAPLUG DO THANK YESPOT	MEETING: E  ING WELL  MEETING  ES  AN SPACE  B 13.2  WN DROFE  WN	PLUG WA	GO. REP.  B.J.  SH UP TO:			

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### Arrant, Bryan, EMNRD

From: Angie Crawford [acrawford@xericoil.com]

Sent: Thursday, July 13, 2006 3:43 PM

To: Arrant, Bryan, EMNRD

Bryan, I am filing the C-103 for this well on line. I could not get the attachments to work so I am sending them by this email. I am also sending a copy with the logs in the case you can not open pdf files. These attachments should address all the cement questions, chloride report & casing pressure tests, and notifications to the OCD by our field personnel.

Let me know if you require any thing further.

Angie Crawford XOG OPERATING, LLC P. O. Box 352 Midland, TX 79702

Phone 432-683-3171 Fax 432-683-6348