

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

SURFACE CASING

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

CHOLORIDES:	<u>Sample Depth</u>	<u>Chlorides</u>
	650'	400
	750'	400
	850'	400
	950'	400
	1,050'	500
	1,150'	400
	1,250'	400
	1,350'	400
	1,450'	None

INTERMEDIATE CASING

- 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 2nd cmt plug. Notified Mike Butler of no gain on 3rd cmt & tag & 4th cmt. Notified Mike Butler of 5th 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.

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PRODUCTION CASING

- 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 5½" 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 nitroflud mud, follow w/fresh water spacer. Pump 2nd 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.
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).