TIM PRIEST
PETROLEUM GEOLOGIST
281-210-3187
Petroleum Geologist

GEOLOGIC REPORT
DRILLING TIME AND SAMPLE LOG

LEASE:	CHEVRON 20KP ONLY BETTER
WELL:	#1
LOCATION:	20KP ONLY BETTER
COUNTY:	Nueces STATE: Texas
API#:	42-355-34564
SPUD:	06-06-2011 COMP: 06-13-2011
TOTAL DEPTH:	5000' MD 4997' TVD
MAIN HOLE:	5000' MD 4997' TVD
DRILLING TIME START:	2000' MD
DRILLING TIME STOP:	5000' MD
GEOLOGICAL SUPERVISION:	2000' MD TO TD
FORMATION TOPS:	ELECTRIC LOG: SAMPLE
Anhydrite	3000(+448)
Base Anhydrite	3050(+410)
Hedrick	4016 (-558)
Tannehill	4244 (-786)
Lansing	4259 (-813)
Nunnie Creek	4388 (-942)
Sligo	4473 (-1027)
Hudson/Hosston	4501 (-1055)
Bell Lo	4615 (-1169)
Mesozoic	4660 (-1214)
Cotton Valley	4697 (-1251)
Dorman	4847 (-1401)
Martin Station	4881 (-1435)
Cherokee Shale	4917 (-1471)
Cat Head	4942 (-1496)
Johnson Zone	4946 (-1500)
Mesozoic	4947 (-1502)
Total Depth	5000 (-1556)

DATE:	06-06-2011
SPUD:	06-06-2011
TOTAL DEPTH:	5000' MD
CASING:	9 5/8" @ 1500'
5 1/2" @ 5000'	
DRILLING TIME:	2000' - 5000'
SAMPLES:	2000' - 5000'
ELECTRICAL:	NO ELECTRICAL LOGS RUN
GEOLOGICAL SUPERVISION:	2000' MD TO TD
DRILLING TIME:	1 UNIT
GAS DETECTION:	1 UNIT
MUD:	FRESH WATER GEL
MUD WT:	8.4 - 8.6
VISC:	28 - 32
PH:	9.0
CHLORIDES:	1000
DRILLING TIME BY:	TIM PRIEST
SAMPLES BY:	TIM PRIEST
DRILLING CONTRACTOR:	H & P
RIG #:	324
TOOLPUSHER:	Steve Bell
DRILLER:	Various
MUD CO.:	Baker Hughes
CEMENTER:	NONE
CORES:	NONE
DST:	NONE
CASING SHOE:	1500'
CASING SHOE:	5000'
CASING PRESSURE:	0 PSI
CASING FLOW:	NO FLOW
MUD LOSS:	NONE
H2S:	NONE
LOST CIRC:	NONE
PIPE TALLY:	5000'
BIT #1:	12 1/4" HTC
BIT #2:	8 3/4" HTC

REMARKS: Due to the results of DST #1, it was decided to not production casing to further test the well.

Respectfully Submitted,

Tim Priest
Petroleum Geologist

API #15-355-34641-00-00

LEGEND

Drilling Time | Gas Units | Shows | Lithology | Sample Description | Remarks | Depth

DRILLING TIME IN MINUTES PER FOOT
Hard Penetration Slow

DEPTH (VERTICAL)

SAMPLE DESCRIPTION

REMARKS

Anhydrite 3000(+448)

Base Anhydrite 3050(+410)

Hedrick 4016 (-558)

Tannehill 4244 (-786)

Lansing 4259 (-813)

Nunnie Creek 4388 (-942)

Sligo 4473 (-1027)

Hudson/Hosston 4501 (-1055)

Bell Lo 4615 (-1169)

Mesozoic 4660 (-1214)

DST #1 (4647-4660) 30-30-30-30 IFP: 15 - 15 FFP: 15 - 15 ISIP: 1000 FSIP: 1000 IHP: 2300 FHP: 2300 RECOVERY: 10' MUD

Cotton Valley 4697 (-1251)

DST #2 (4697-4847) 30-30-30-30 IFP: 15 - 15 FFP: 15 - 15 ISIP: 1000 FSIP: 1000 IHP: 2300 FHP: 2300 RECOVERY: 10' MUD

Dorman 4847 (-1401)

Martin Station 4881 (-1435)

Cherokee Shale 4917 (-1471)

Cat Head 4942 (-1496)

Johnson Zone 4946 (-1500)

Mesozoic 4947 (-1502)

Total Depth 5000 (-1556)