



Side Two

AUG 01 2001

ORIGINAL

Operator Name: Priority Oil & Gas LLC Lease Name: Calnon Well #: 1-20  
 Sec. 20 Twp. 4 S. R. 40  East  West County: Cheyenne CONSERVATION DIVISION  
 WICHITA, KS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

CNL-Density  
 Induction-SP-GR  
 Cement Bond

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

Niobrara

Beecher Island 1298' 2246 msl

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 7/8 in	7 in	24 #	322 ✓	Reg	90	3%cc, 1/4#sk flocele
Production	7 7/8 in	4 1/2 in	10.5 #	1454	50/50 Pozmix	100	2% gel, 10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	1303-1328	500 gal, 7.5% HCl, CO2 foam frac w/	1303-
		76,200 20/40# 25,000 12/20#	1338
2	1328-1338		

TUBING RECORD	Size	Set At	Packer At	Liner Run
none				<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

**DAILY DRILLING REPORT**  
**NIOBRARA DEVELOPMENT WELL**

WELL NAME <b>7-20 Lalnor</b>	24 HR PROG <b>324</b>	TMD <b>329</b>	TVD <b>—</b>	REPT # <b>1</b>	DATE <b>3-21-01</b>
SUPERVISOR <b>Walt Smith</b>	RIG NAME & # <b>Stewart 51</b>	FIELD NAME <b>Cherry Cr</b>	AUTH ID <b>1650</b>	DAILY TANG \$	CUM TANG \$
CURRENT STATUS <b>WOC Surface Casing</b>				DAILY INT \$	CUM INTANG \$
24 HR FORECAST <b>Drill to TD, Log, Run &amp; Cmt Prod Csg</b>				DAILY TOTAL \$ <b>11985</b>	CUM COST \$ <b>11985</b>
LITHOLOGY <b>SAND, Shale clay</b>		LAST CASING IN @ <b>322 FT</b>	NEXT CASING <b>412 IN @ 1460</b>	A/E #	AUTH COST \$

MUD DATA		ADDITIVES		QTY	BIT RUN DATA			PUMP DATA	
DENS (ppg)	<b>54</b>	<b>GEL</b>	<b>25</b>	BIT #	<b>1</b>	BIT #	<b>1</b>	STROKE	<b>10</b>
VIS (sec/qt)	<b>93</b>	<b>Drispac</b>	<b>1</b>	SIZE (in)	<b>9 7/8</b>	DEPTH IN	<b>5</b>	LINER	<b>5</b>
WL-API	<b>NC</b>	<b>Polymer</b>	<b>1</b>	MFR	<b>—</b>	DEPTH OUT	<b>329</b>	SPM	<b>72</b>
pH	<b>—</b>	<b>Soda Ash</b>	<b>1</b>	TYPE	<b>—</b>	WOB min/max	<b>4.15</b>	OUTPUT (gpm)	<b>195</b>
				SERIAL #	<b>—</b>	RPM min/max	<b>60/100</b>	PRESS (psi)	<b>200</b>
				RETS 1/23	<b>18.18.18</b>				

FROM	TO	HOURS	OPERATIONS SUMMARY
1300	1615	4 1/4	MIRU Notify Herb Dyness, KC, 3-15-01, 13:45
1615	2015	4	Drill Surface 5' 329' KB Shale @
2015	2045	1/2	Circulate @ 329' KB
2045	2130	3/4	TOD H
2130	0230	5	Ran 9 H <sub>2</sub> O (316.78') used 7" 17 <sup>th</sup> 8nd 5TC open-ended casing w/1 Centralizer landed @ 322' KB. Pumped 7 bbl fresh water preflush, 90 sx regular premixed w/ 3% CC @ 15 <sup>3</sup> PPG, displace w/ 12.9 bbl MVD. Circ 2 bbl cement to surface, cement in place @ 03:30
0230	0700	4 1/2	WOC
			Rig mob-Demob 1000
			Rig Surt Hole 9720
			Dig Pits 200
			RA & Log 200
			Handle Csg 200
			Keaton 100
			PCI 565
			<u>11985</u>

24 HR SUMMARY  
**MIRU, drill surface hole, Run & Cmt Surt Csg, WOC**

**DAILY DRILLING REPORT**  
**NIOBRARA DEVELOPMENT WELL**

WELL NAME <b>T-20 Calnon</b>	24 HR PROG <b>1136</b>	TMD <b>1465</b>	TVD <b>—</b>	REPT # <b>2</b>	DATE <b>3-22-01</b>
SUPERVISOR <b>Walt Smith</b>	RIG NAME & # <b>Stewart 51</b>	FIELD NAME <b>CHERRY CR</b>	AUTH ID <b>1650</b>	DAILY TANG \$ <b>—</b>	CUM TANG \$ <b>—</b>
CURRENT STATUS <b>Laying down drill string</b>				DAILY INT \$ <b>—</b>	CUM INTANG \$ <b>—</b>
24 HR FORECAST <b>Run Cag &amp; Cmt</b>				DAILY TOTAL \$ <b>15,933</b>	CUM COST \$ <b>27,818</b>
LITHOLOGY <b>Sand, Shale, Chalk</b>		LAST CASING <b>7 IN @ 322 FT</b>	NEXT CASING <b>4 1/2 IN @ 1460 FT</b>	AFE # <b>—</b>	AUTH COST \$ <b>—</b>

MUD DATA		ADDITIVES		BIT RUN DATA		PUMP DATA	
DENS (ppg)	<b>9.1</b>	<b>RCL</b>	<b>100</b>	BIT #	<b>2</b>	BIT #	<b>2</b>
VIS (sec/qt)	<b>52</b>	<b>Starch</b>	<b>25</b>	SIZE (in)	<b>6 1/4</b>	DEPTH IN	<b>329</b>
WL-API	<b>4-8</b>	<b>Polymer</b>	<b>4</b>	MFR	<b>Moab</b>	DEPTH OUT	<b>1465</b>
pH	<b>7</b>	<b>Drippac</b>	<b>1</b>	TYPE	<b>Drag</b>	WOB (min/max)	<b>5.15 / 1</b>
				SERIAL #	<b>—</b>	RPM (min/max)	<b>60/100 / 1</b>
				TESTS 1/2/3	<b>—</b>		

FROM	TO	HOURS	OPERATIONS SUMMARY
0700	1130	4 1/2	WOC
1130	0315	15 3/4	Drilling 329 - 1465 Drid 5' Cement
0315	0345	1/2	Circulate @ 1465
	0415	1/2	Short Trip 1465 - 1030
	0500	3/4	Circulate @ 1465
	0700	2	Lay down drill string
			Rig 14728
			Water 250
			Kevin 100
			PCI 565
			Hand Water 150
			<u>15233</u>

**DAILY DRILLING REPORT**  
**NIOBARRA DEVELOPMENT WELL**

WELL NAME <b>1-20 Calmar</b>	24 HR PROG <b>- 0 -</b>	TMD <b>1465</b>	TVD <b>—</b>	REPT # <b>3</b>	DATE <b>3-23-01</b>
SUPERVISOR <b>Walt Smith</b>	RIG NAME & # <b>Stewart 51</b>	FIELD NAME <b>Cherry Cr</b>	AUTH ID <b>1650</b>	DAILY TANG \$	CUM TANG \$
CURRENT STATUS <b>WOC</b>	24 HR FORECAST <b>WOC</b>			DAILY INT \$	CUM INTANG \$
LITHOLOGY <b>—</b>	LAST CASING <b>4 1/2 IN @ 1443'</b>	NEXT CASING IN @ <input type="checkbox"/>		DAILY TOTAL \$ <b>12911</b>	CUM COST \$ <b>210,729</b>
				AFE # <b>—</b>	AUTH COST \$

MUD DATA		ADDITIVES	QTY	BIT RUN DATA				PUMP DATA	
DENS (lbs)		Ring out	2	BIT #		BIT #		STROKE	10
VIS (sec/qt)		KCL	15	SIZE (in)		DEPTH IN		LINER	5
WL-API		Starch	6	MFR		DEPTH OUT		SPM	72
pH		Soda Ash	3	TYPE		WOB min/max	1 1	OUTPUT (gpm)	195
				SERIAL #		RPM	1 1	PRESS (psi)	150
				TESTS 1/2/3					

FROM	TO	HOURS	OPERATIONS SUMMARY
0700	0730	1/2	Lay down drill string
0900	1730	1 1/2	Run 2-Logs: DIC 1437 - 323, CNL-FOC 1430 - 650, Log TD 1445, Boucher Island 1299 - 1338, Ave Res 314, MIN 3, MAX 4, Ave KO 1299 - 1328 12%, 1328 - 1338 18%
0900	1530	6 1/2	Run & CMT's 4 1/2 Prod Csg Run 55 float shoe 1.42' on 36ft (1448.50') new 4 1/2 10 <sup>2</sup> J-55 8rd 5TC casing. Total 1449.92' set @ 1443' KB Circ 1/2 hr. Pumped 10 bbl fresh water preflush, 100 5x regular premixed @ 15 <sup>3</sup> PPG. Wash out lines displaced latch down plug w/ 22.3 bbl fresh water. Plug down @ 15:30 Float held PSTD 1402' KB
1530	1630	1	Hang Csg w/ 12500 <sup>2</sup> Flange up well head - cut off casing - could not get casing to 1454' KB due to bridge
1630	—	—	Released Rig @ 16:30

24 HR SUMMARY  
 Lay down Pipe, Run 2-Logs, Run & CMT Prod casing, hang casing, Release Rig

## DAILY DRILLING REPORT

### NIOBRARA DEVELOPMENT WELL

WELL NAME <b>1-20 Calnon</b>		24 HR PROG <b>-0-</b>	TMD <b>1465</b>	TVD	REPT # <b>3 cont'd</b>	DATE <b>3/23/01</b>
SUPERVISOR		RIG NAME & #	FIELD NAME	AUTH TD	DAILY TANG \$	CUM TANG \$
CURRENT STATUS					DAILY INT \$	CUM INTANG \$
24 HR FORECAST					DAILY TOTAL \$	CUM COST \$
LITHOLOGY			LAST CASING IN @ FT	NEXT CASING IN @ FT	APE #	AUTH COST \$
MUD DATA		ADDITIVES	QTY	BIT RUN DATA		PUMP DATA
DENS (ppg)				BIT #		STROKE
VIS (sec/qt)				SIZE (in)	DEPTH IN	LINER
WL- API				MFR	DEPTH OUT	SPM
pH				TYPE	WOB min/vmax	OUTPUT (gpm)
				SERIAL #	RPM	PRESS (psi)
				JETS 1/2/3		
FROM	TO	HOURS	OPERATION'S SUMMARY			
			Schlumberger 4000			
			Handle Log 200			
			Float Equip 775			
			Well head 575			
			Casing 5616			
			Rig 3 hrs DW 875			
			Cement 870			
			<u>12911</u>			
24 HR SUMMARY						

# 4 / 22

505 287 7660

7-19-01; 4:05PM; Stewart Brothers

RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL

AUG 01 2001

CONSERVATION DIVISION  
WICHITA, KS

DELIVERY TICKET

Ticket

ST. FRANCIS SAND  
AND

No. 008909

Redi-Mix

P. O. Box 281 ST. FRANCIS, KS. 67768

Phone 332-3123  
REDI-MIX CONCRETE  
EXCAVATING

Date 3-21-2001

PROJECT ~~Stewart Brothers~~ # JS 423

SOLD TO: Stewart Brothers

ADDRESS: CANNON 1-20

Time Loaded: It is agreed that free unloading time shall be 15 minutes for each first cubic yard and 10 minutes for each yard thereafter. A charge of \$1.00 for each 10 minutes excess time will be made.

Time Delivered: Delivery inside curb line made only at risk of purchaser.

Time Released: No damage claims considered without proof of driver negligence.

Time Returned: Rec'd by Joe Sanchez

Truck No.	Driver	Quantity	Price	Amount
	Shan	90 cu yd	750	675.00
Mix	Slump	Total Miles	Mileage	
90 cu yd	S - M - D	2 1/2	3 1/2	11.55
Added Water Reduces Strength & durability				
Gals Added	Authorized By			
	Joe Sanchez			25.00
	Joe Sanchez			25.00
				56.00
Cash	Charge	Sales Tax		
				54.68
		Total		847.23

AUG 01 2001

CONSERVATION DIVISION  
WICHITA, KS

Ticket

**DELIVERY TICKET**

**No. 008910**

**ST. FRANCIS SAND**  
AND  
**Redi-Mix**

P. O. Box 281 ST. FRANCIS, KS. 67756

**REDI-MIX CONCRETE**  
**EXCAVATING**

Phone 332-3123

Date 3-22-01

*1-20 Calnon*

PROJECT: 418 Anthony Court

*N 30*

SOLD TO: Family Oil Gas

ADDRESS: Chen South

Time Loaded: \_\_\_\_\_

Time Delivered: \_\_\_\_\_

Time Released: \_\_\_\_\_

Time Returned: \_\_\_\_\_

It is agreed that free unloading time shall be 15 minutes for each first cubic yard and 10 minutes for each yard thereafter. A charge of \$1.00 for each 10 minutes excess time will be made.

Delivery inside curb line made only at risk of purchaser.

No damage claims considered without proof of driver negligence.

Rec'd by Mark Smith

Truck No.	Driver	Quantity	Price	Amount
		<u>100 yd</u>	<u>7.50/yd</u>	<u>750.00</u>
Mix	Slump <u>S - M - D</u>	Total Miles <u>5</u>	Mileage	<u>10.50</u>
Added Water Reduces Strength & durability <u>Adding 25 gal</u>				<u>25.00</u>
Gals Added		Authorized By		
<b>PAID</b>				
<b>APR 03 2001</b>				
Cash	Charge	Sales Tax		
		Total	<u>939.70</u>	