015-20374

CORNISH WIRELINE SERVICES, INC.

# DENSITY-NEUTRON LOGS
## HI-RESOLUTION DENSITY
## FRANKLIN # 13-5C

| | | | |
|---|---|---|---|
| COMPANY | RUNNING FOXES PETRO. INC | | OTHER SERVICES: |
| WELL | FRANKLIN # 13-5C | | DIL |
| FIELD | CELTIC | | CNL |
| COUNTY | BATES | | TEMP |
| STATE | MISSOURI | | |
| LOCATION | 300' FSL / 300' FWL SW SW SW | | |
| SECTION | 5 | | |
| TOWNSHIP | 38N | | |
| RANGE | 33W | | |
| API NO. | 20374 | | |
| LICENSE NO. | | | |
| PERMANENT DATUM | GL | ELEVATION KB : | |
| LOG MEASURED FROM GL | | ELEVATION DF : | |
| DRL MEASURED FROM GL | | ELEVATION GL 880' | |
| DATE | 10/30/08 | | |
| DEPTH DRILLER | 562' | | |
| BIT SIZE | 6.25" | | |
| LOG TOP | 31.00 | | |
| LOG BOTTOM | 562.50 | | |
| CASING OD | 8 5/8" | | |
| CASING BOTTOM | 21' | | |
| CASING TYPE | STEEL | | |
| BOREHOLE FLUID | WATER | | |
| RM TEMPERATURE | | | |
| MUD RES | | | |
| MUD WEIGHT | 8.3 | | |
| WITNESSED BY | BRATTON, GREG | | |
| RECORDED BY | WILSON, D. | | |
| REMARKS 1 | | | |
| REMARKS 2 | THANK YOU! | | |

CONFIDENTIAL
UTIL Feb 23, 2010

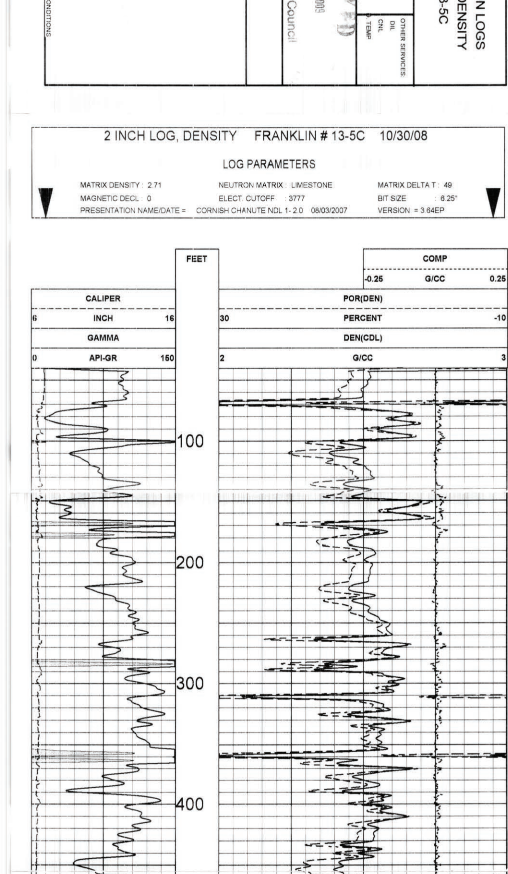
RECEIVED
FEB 23 2009
Mo Oil & Gas Council

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

## 2 INCH LOG, DENSITY FRANKLIN # 13-5C 10/30/08

LOG PARAMETERS

| | | |
|---|---|---|
| MATRIX DENSITY : 2.71 | NEUTRON MATRIX : LIMESTONE | MATRIX DELTA T : 49 |
| MAGNETIC DECL : 0 | ELECT. CUTOFF : 3777 | BIT SIZE : 6.25" |
| PRESENTATION NAME/DATE = CORNISH CHANUTE NDL 1- 2.0 08/03/2007 | | VERSION = 3.64EP |

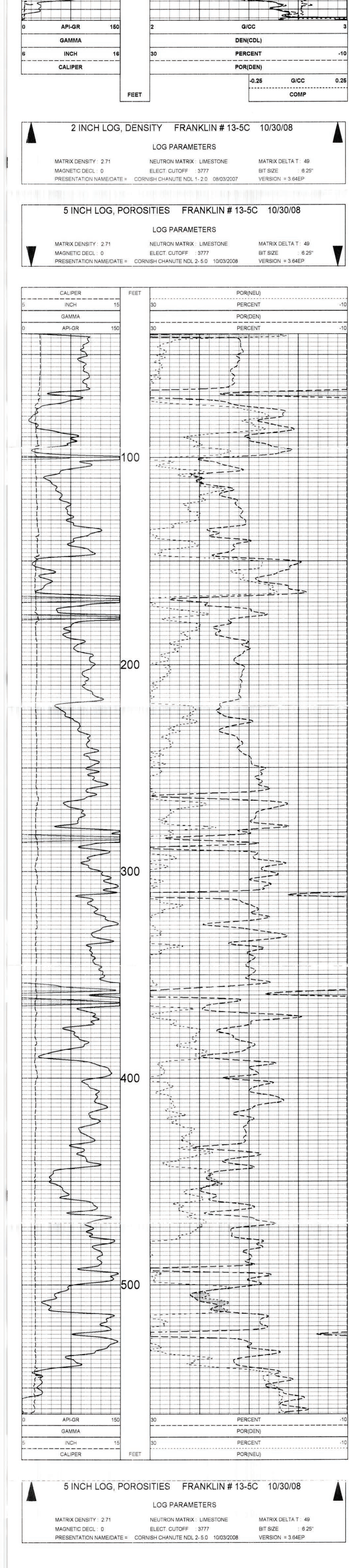


2 INCH LOG, DENSITY FRANKLIN # 13-5C 10/30/08

## 5 INCH LOG, POROSITIES FRANKLIN # 13-5C 10/30/08

LOG PARAMETERS

| | | |
|---|---|---|
| MATRIX DENSITY : 2.71 | NEUTRON MATRIX : LIMESTONE | MATRIX DELTA T : 49 |
| MAGNETIC DECL : 0 | ELECT. CUTOFF : 3777 | BIT SIZE : 6.25" |
| PRESENTATION NAME/DATE = CORNISH CHANUTE NDL 2- 5.0 10/03/2008 | | VERSION = 3.64EP |

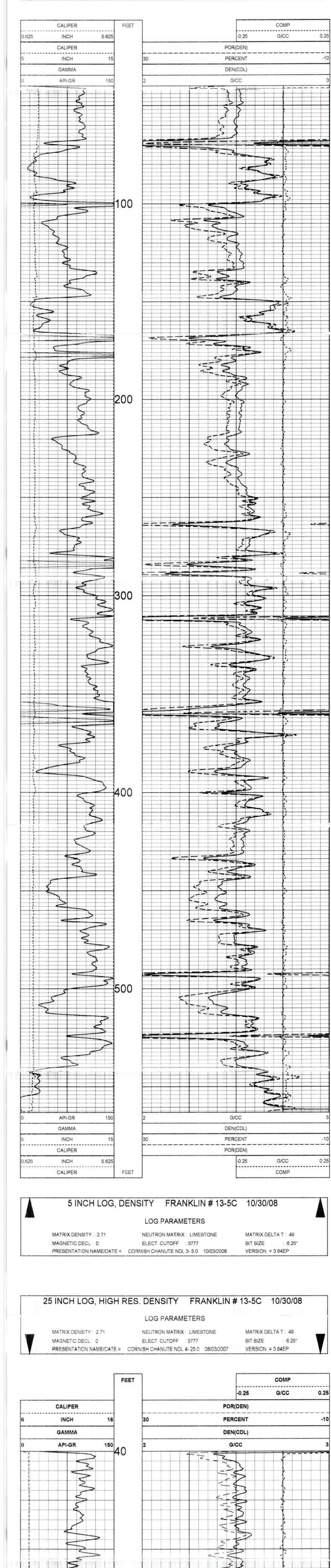


5 INCH LOG, POROSITIES FRANKLIN # 13-5C 10/30/08

## 5 INCH LOG, DENSITY FRANKLIN # 13-5C 10/30/08

LOG PARAMETERS

| | | |
|---|---|---|
| MATRIX DENSITY : 2.71 | NEUTRON MATRIX : LIMESTONE | MATRIX DELTA T : 49 |
| MAGNETIC DECL : 0 | ELECT. CUTOFF : 3777 | BIT SIZE : 6.25" |
| PRESENTATION NAME/DATE = CORNISH CHANUTE NDL 3- 5.0 10/03/2008 | | VERSION = 3.64EP |



5 INCH LOG, DENSITY FRANKLIN # 13-5C 10/30/08

## 25 INCH LOG, HIGH RES. DENSITY FRANKLIN # 13-5C 10/30/08

LOG PARAMETERS

| | | |
|---|---|---|
| MATRIX DENSITY : 2.71 | NEUTRON MATRIX : LIMESTONE | MATRIX DELTA T : 49 |
| MAGNETIC DECL : 0 | ELECT. CUTOFF : 3777 | BIT SIZE : 6.25" |
| PRESENTATION NAME/DATE = CORNISH CHANUTE NDL 4- 25.0 08/03/2007 | | VERSION = 3.64EP |

25 INCH LOG, HIGH RES. DENSITY FRANKLIN # 13-5C 10/30/08

LOG PARAMETERS

| | | |
|---|---|---|
| MATRIX DENSITY : 2.71 | NEUTRON MATRIX : LIMESTONE | MATRIX DELTA T : 49 |
| MAGNETIC DECL : 0 | ELECT. CUTOFF : 3777 | BIT SIZE : 6.25" |
| PRESENTATION NAME/DATE = CORNISH CHANUTE NDL 4- 25.0 08/03/2007 | | VERSION = 3.64EP |