

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144
Name: Mull Drilling Company, Inc.
Address 1: 1700 N WATERFRONT PKWY
Address 2: BLDG 1200
City: WICHITA State: KS Zip: 67206 +
Contact Person: Mark Shreve
Phone: (316) 264-6366
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Phil Askey
Purchaser: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:

Original Comp. Date: Original Total Depth:
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

6/28/2010 7/5/2010 7/5/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25081-00-00

Spot Description:
SW SW NE NE Sec. 18 Twp. 16 S. R. 22 East West
1116 Feet from North / South Line of Section
1235 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Ness
Lease Name: Squier 'A' Well #: 1-18
Field Name: Wildcat

Producing Formation: N/A
Elevation: Ground: 2450 Kelly Bushing: 2455

Total Depth: 4520 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 219 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 14200 ppm Fluid volume: 900 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 10/04/2010
 Confidential Release Date: 10/10/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 10/05/2010

1045085

Operator Name: Mull Drilling Company, Inc. Lease Name: Squier 'A' Well #: 1-18
 Sec. 18 Twp. 16 S. R. 22 East West County: Ness

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | | | |
|--|---|--|---------------------------------|
| Drill Stem Tests Taken (Attach Additional Sheets) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name Attached | Top Attached Datum Attached |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| Electric Log Run | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Electric Log Submitted Electronically (If no, Submit Copy) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |
| List All E. Logs Run: Log CNL/CDL/PE; DIL; Sonic & Micro | | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 | 12.250 | 8.6250 | 20 | 219 | Common | | 3% cc, 2% gel |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | - | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> 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 |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|---|---|---------|-------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.) | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|--|

| | |
|-----------|-----------------------------|
| Form | ACO1 - Well Completion |
| Operator | Mull Drilling Company, Inc. |
| Well Name | Squier 'A' 1-18 |
| Doc ID | 1045085 |

Tops

| | | |
|----------------|------|-------|
| Anhydrite | 1796 | +659 |
| B/Anhydrite | 1836 | +623 |
| Heebner Shale | 3835 | -1380 |
| B/KC | 4146 | -1691 |
| Marmaton | 4196 | -1741 |
| Pawnee | 4244 | -1789 |
| Ft. Scott | 4338 | -1883 |
| Cherokee Shale | 4356 | -1901 |
| Cherokee Cong | 4424 | -1969 |
| Miss/Warsaw | 4506 | -2051 |



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner

October 04, 2010

Mark Shreve
Mull Drilling Company, Inc.
1700 N WATERFRONT PKWY
BLDG 1200
WICHITA, KS 67206

Re: ACO1
API 15-135-25081-00-00
Squier 'A' 1-18
NE/4 Sec. 18-16S-22W
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Mark Shreve

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802

(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4111

| | | | | | | | | | | | | | | | |
|---------------------|---------------------|----------|------|------|--|--|----|--------|------|-------|--------|-------------|--|--------|---------|
| Date | 7-5-10 | Sec. | 18 | Twp. | 16 | Range | 22 | County | Ness | State | Kansas | On Location | | Finish | 5:15 PM |
| Lease | Squire A | Well No. | 1-18 | | Location Brownell 2W 1N 2W Sinto | | | | | | | | | | |
| Contractor | W W Drilling Rig 10 | | | | Owner To Quality Oilwell Cementing, Inc. | | | | | | | | | | |
| Type Job | Plug | | | | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | | |
| Hole Size | 7 7/8 | | | | T.D. | 4520 | | | | | | | | | |
| Csg. | | | | | Depth | Charge To Mud Drilling | | | | | | | | | |
| Tbg. Size | | | | | Depth | Street | | | | | | | | | |
| Tool | | | | | Depth | City State | | | | | | | | | |
| Cement Left in Csg. | | | | | Shoe Joint | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | |
| Meas Line | | | | | Displace | Cement Amount Ordered 280 60/40 49 lb | | | | | | | | | |

EQUIPMENT

| | | | | | | | |
|---------|---|-----|----------|--------|---|----------|-----|
| Pumptrk | 9 | No. | Cementer | 5 | 5 | Common | 180 |
| | | | Helper | Steve | 5 | | |
| Bulktrk | 8 | No. | Driver | 1 | 5 | Poz. Mix | 100 |
| | | | Driver | Alvord | 5 | | |
| Bulktrk | | No. | Driver | 1 | 5 | Gel. | 9 |
| | | | Driver | Cisco | 5 | | |

JOB SERVICES & REMARKS

| | | | |
|--------------------|------|-------------------------|-----|
| Remarks: | | Calcium | |
| Rat Hole | 30sx | Hulls | |
| Mouse Hole | | Salt | |
| Centralizers | | Flowseal | 70# |
| Baskets | | Kol-Seal | |
| D/V or Port Collar | | Mud CLR 48 | |
| 1st Plug @ 1810 | 50sx | CFL-117 or CD110 CAF 38 | |
| 2nd " " 1160 | 80sx | Sand | |
| 3rd " " 600 | 50sx | Handling | 289 |
| 4th " " 250 | 50sx | Mileage | |
| 5th " " 60 | 20sx | FLOAT EQUIPMENT | |
| Rat Hole | 30sx | Guide Shoe | |
| | | Centralizer | |
| | | Baskets | |
| | | AFU Inserts | |
| | | Float Shoe | |
| | | Latch Down | |

Quality Oilwell Cementing

[Handwritten Signature]

Pumptrk Charge plug
Mileage 22

Tax
Discount
Total Charge

X Signature

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4105

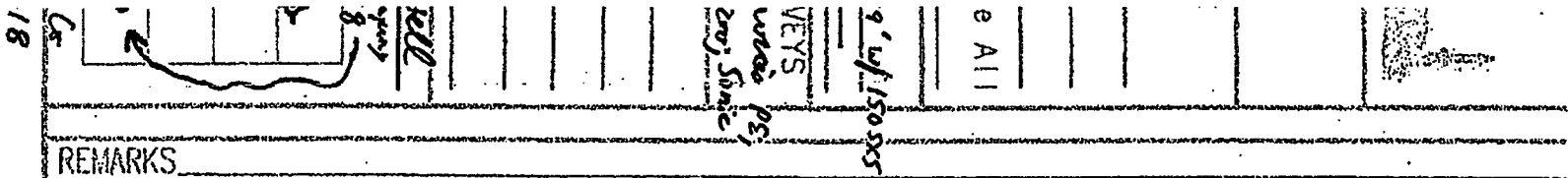
| Date | Sec. | Twp. | Range | County | State | On Location | Finish |
|-----------------------------------|----------------------|----------|------------|--|--------|-------------|---------|
| 6-28-10 | 18 | 16 | 22 | Wess | Kansas | | 5:15 PM |
| Lease | Squier A | | Well No. | Location | | | |
| | | | H-18 | Brown M 2nd to Rd 9 W 3rd | | | |
| Contractor | W.W. Drilling Rig 10 | | | Owner | | | |
| Type Job | Surface | | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | |
| Hole Size | 1 1/4 | | T.D. | 220 | | | |
| Csg. | 8 3/8 20lb | | Depth | 220 | | | |
| Tbg. Size | | | Depth | Street | | | |
| Tool | | | Depth | City State | | | |
| Cement Left in Csg. | 10-15' | | Shoe Joint | The above was done to satisfaction and supervision of owner agent or contractor. | | | |
| Meas Line | | | Displace | 1.313 | | | |
| | | | | Cement Amount Ordered 150 Com 38cc 26lb | | | |
| EQUIPMENT | | | | | | | |
| Pumptrk | No. | Cementer | Helper | Common | | | |
| | | | | 150 | | | |
| Bulktrk | No. | Driver | Driver | Poz. Mix | | | |
| | | | | | | | |
| Bulktrk | No. | Driver | Driver | Gel. | | | |
| | | | | 3 | | | |
| JOB SERVICES & REMARKS | | | | | | | |
| Remarks: | | | | Calcium 5 | | | |
| Rat Hole | | | | Hulls | | | |
| Mouse Hole | | | | Salt | | | |
| Centralizers | | | | Flowseal | | | |
| Baskets | | | | Kol-Seal | | | |
| D/V or Port Collar | | | | Mud CLR 48 | | | |
| | | | | CFL-117 or CD110 CAF 38 | | | |
| | | | | Sand | | | |
| | | | | Handling 158 | | | |
| | | | | Mileage | | | |
| FLOAT EQUIPMENT | | | | | | | |
| | | | | Guide Shoe | | | |
| | | | | Centralizer | | | |
| | | | | Baskets | | | |
| | | | | AFU Inserts | | | |
| | | | | Float Shoe | | | |
| | | | | Latch Down | | | |
| | | | | Pumptrk Charge | | | |
| | | | | Surface | | | |
| | | | | Mileage 22 | | | |
| | | | | Tax | | | |
| | | | | Discount | | | |
| | | | | Total Charge | | | |
| Signature | | | | | | | |

Cement did Circulate

Quality Oilwell Cementing

Thank you

SAFE



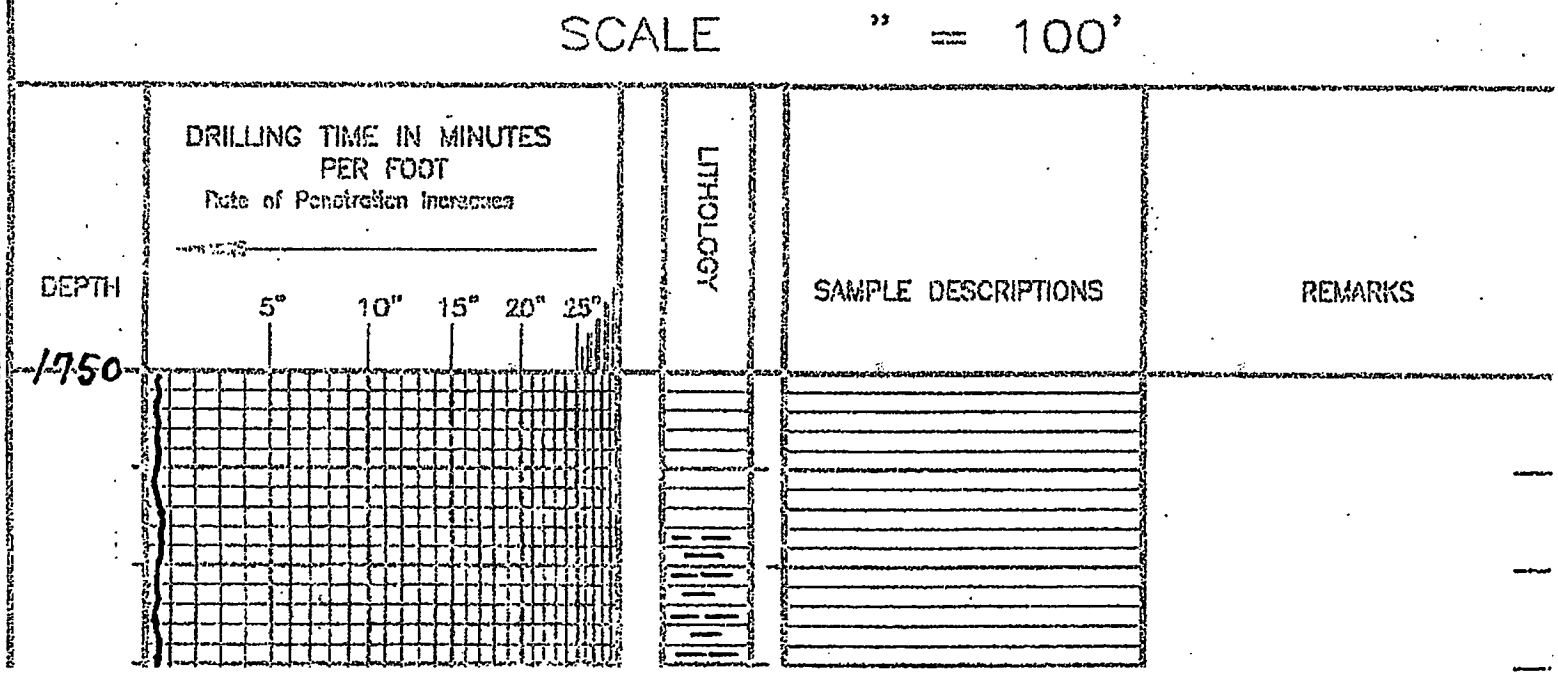
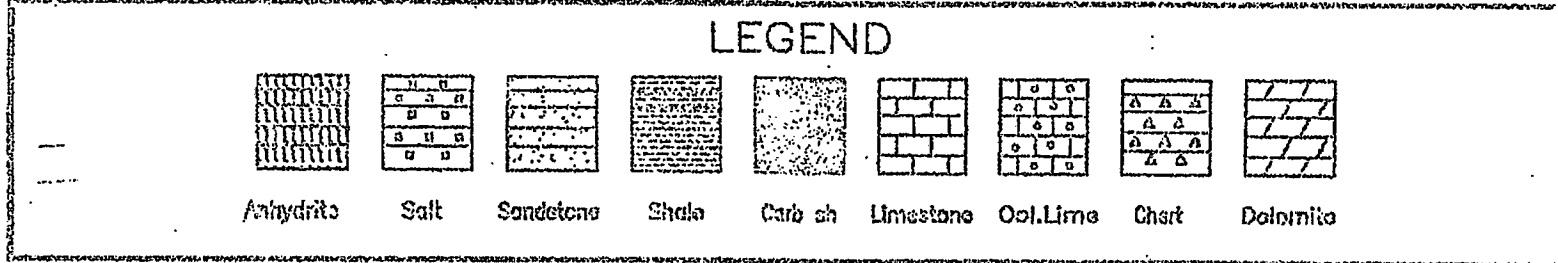
REMARKS

The Mull Drilling Co., Squier "A" #1-18 ran structurally low to the Mull Drilling, Squier R #1-18, except for the Mississippian Warsaw. The main target pay formation, Onondaga Sand, did not develop with low permeability and ^{no} sample show. The Miss Warsaw was very high structurally to the reference well but did not show porosity or oil show in the sample.

After review of all samples, PFT results, and E-log evaluation, it was decided to plug and abandon this well.

Phil Rokeby, P. G.

Well API # 15-135-25081



3600

50

3700

King Hill Shale 3690 (-1235)

E-log 3697 (-1242)

Mud-co data @ 3451'

WT 8.6 VIS 57 WL 9.6

pH 11.0 CL 2,910 ppm LCM 2nd

Samples: 10' wet & dry
3600' -RTD good samples

Rig data:

WOB 38 K PP 950-1000 #

SPM 60 RPM 75-85

Bit data:

Smith 7 7/8 F 2714

219' -RTD 106 3/4 hrs

Dev Surveys

Pipe Strip: -none (too windy)

DSTs: 2 by ~~MAN~~

Diamond Testing, Inc

LS, cream tan, off wh., silt-stm,
vt-fels, sil-vuggs=pp-t-φ, NS
silt wh-chky

LS, tan gy, silt-stm, dns, micaceous,
vuggs-φ, NS

LS, tan, silt-stm, dns, silt-stm,
vuggs-φ, NS

LS, tan cream, silt-stm, dns,
fels, fass, silt-stm-φ, NS

LS, cream tan silt-stm, dns,
vt-fels, silt-stm-pp-t-φ, NS

LS, olive tan, silt-stm, dns,
silt-stm-pp-t-φ, NS
silt-stm, silt-stm

LS, tan, silt-stm, dns, fels, arg,
fels, silt-stm-φ, NS
silt-stm, silt-stm

LS, tan cream, silt-stm, vt-fels,
silt-stm-pp-t-φ, NS
silt-stm, silt-stm

LS, cream, silt-stm, silt-stm-φ, NS

50

3900

50

Heelner Sh 3827 (-1372)

E-log 3835 (-1380)

Toronto 3846 (-1391)

E-log 3854 (-1399)

LaSing 3866 (-1411)

E-log 3873 (-1418)

scat. tan. com. form. fr. m. tal. p. NS

stt. blk. fr. carb.

LS, tan. qtz. brn. form. d. us. v. f. sh. / to. b. clay. fr. blk. m. tal. fr. NS

stt. m. blk. q. blk. q. q. tan. q. r. l. brn.

LS, tan. form. v. f. sh. d. sh. / s. m. wh. ch. ky. fr. v. s. l. p. NS

LS, tan. qz. d. sh. micro. f. sh. p. sh. NS

LS, gy. tan. q. brn. form. d. sh. / micro. v. f. sh. brn. tan. q. sh. / s. ch. ky. - ch. ky. v. v. s. p. NS

LS, tan. qz. d. sh. ch. ky. v. f. sh. / micro. f. sh. NS

stt. qz. q. q. tan. r. sh. q. m. sh. m. v. sh. ky

LS, tan. sh. q. d. sh. v. f. sh. sh. m. p. sh. / f. sh. s. scat. p. p. - sh. p. NS / tan. sh. d. sh. sh. s.

LS, tan. v. f. sh. sh. fr. sh. sh. sh. sh. NS / s. m. wh. ch. ky. fr. sh. sh. m. q.

LS, qz. tan. brn. sh. qz. d. sh. ch. ky.

blk. micro. f. sh. sh. fr. sh. / v. sh. q. p. NS

stt. wh. ch. ky. fr. sh. sh. sh. sh.

fr. sh. s. sh. sh. sh. sh. NS

LS, tan. com. form. micro. f. sh. sh. / fr. brn. sh. sh. s. sh. sh. sh. NS

stt. col. var. sh. sh. sh.

LS, tan. com. form. scat. col. v. sh. sh. sh. / sh. sh. sh. sh. sh. NS

Mud. co. data @ 3944'

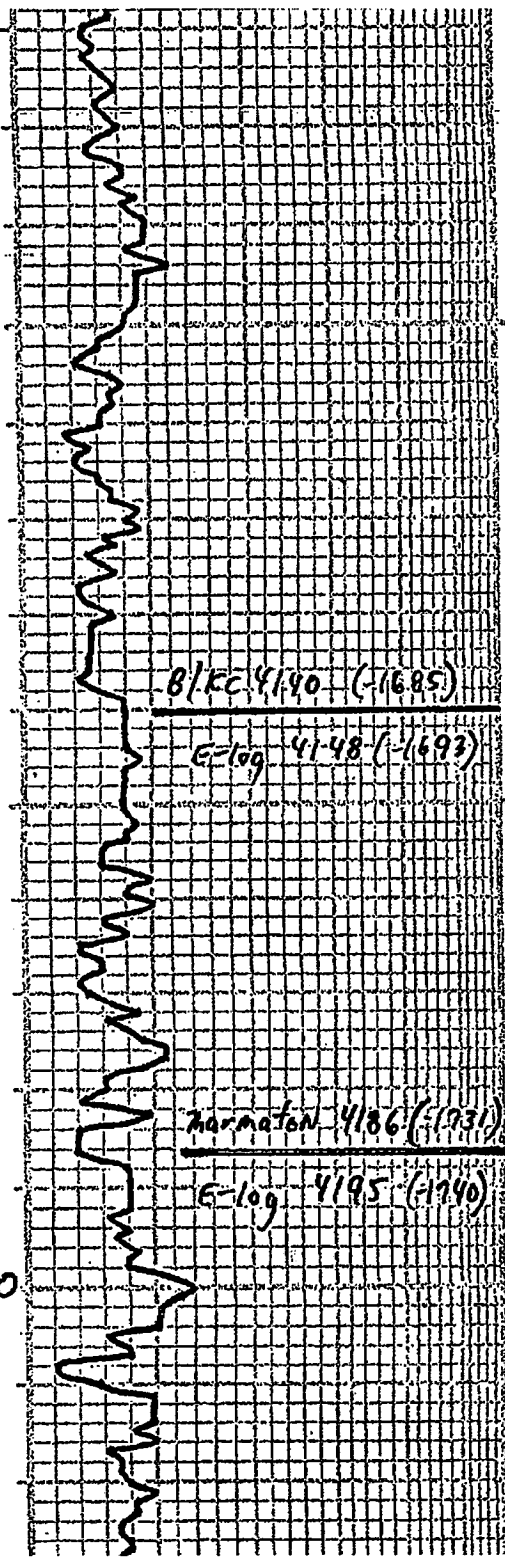
WT 9.2 VIS 51 WL 10.7

pH 10.0 CL 4,500ppm LGM frac

4100

50

4200



LS, tan-crm. ooluh, das,
 micron f. sh., some wh. chky, bit
 fr. sh. ool-cool. p., NS

LS, ooluh-wh. ferr., das, micron f. sh.,
 dark chky, fr. col. v. q. p., NS

SH, dkgy, brn, blk. gyren

LS, ooluh-wh. ultra, pm,
 dark chky, scat. ool-cool. p., NS
 fr. v. q. p., NS
 sm. con. ooluh, das, micron f. sh., NS

LS, ooluh. thin-crm, fr. das,
 scat. fr. ool-cool. p., NS
 fr. chky

SH, gy. blk. carb, gyren-gyren
 fr. sh. sh. sh. sh. sh. sh. sh.

LS, ooluh-wh. tan, fr. das,
 fr. sh., fr. sh., sm. wh. chky,
 scat. x. sh. v. q. p. ool. p., NS
 fr. chky

SH, dkgy. ooluh, sm. col. var
 fr. sh.

LS, crm. sh. thin ooluh,
 mostly das-chympt, micron f. sh.,
 sm. wh. sh. chky-chky, bit
 fr. sh., NS

SH, gy. gyren brn-maron

LS, gy. ooluh, das, fr. sh., a. rock,
 fr. ool-cool. p., NS

much SH, gy, col. var
 fr. chky gy tan

LS, brn. tan-brn, das, fr. sh.
 sm. ooluh gy mostly das, bit
 fr. sh. fr. sh. v. q. p., NS

SH, col. var
 fr. chky chky, fr. sh.

fr. sh., dr. gy, sm. sh. sh., sh. and,
 most, sh. sh., fr. sh. p., NS

LS, gy. tan. gyren, das-chky,
 micron f. sh. fr. sh., sm. wh. chky

50

4400

50

Ft. Scott 4328 (-1873)

E-log 4338 (-1883)

Char. shale 4347 (-1892)

E-log 4356 (-1901)

Char. sand 4349 (-1894)

E-log 4358 (-1903)

Basal/pen line 4400

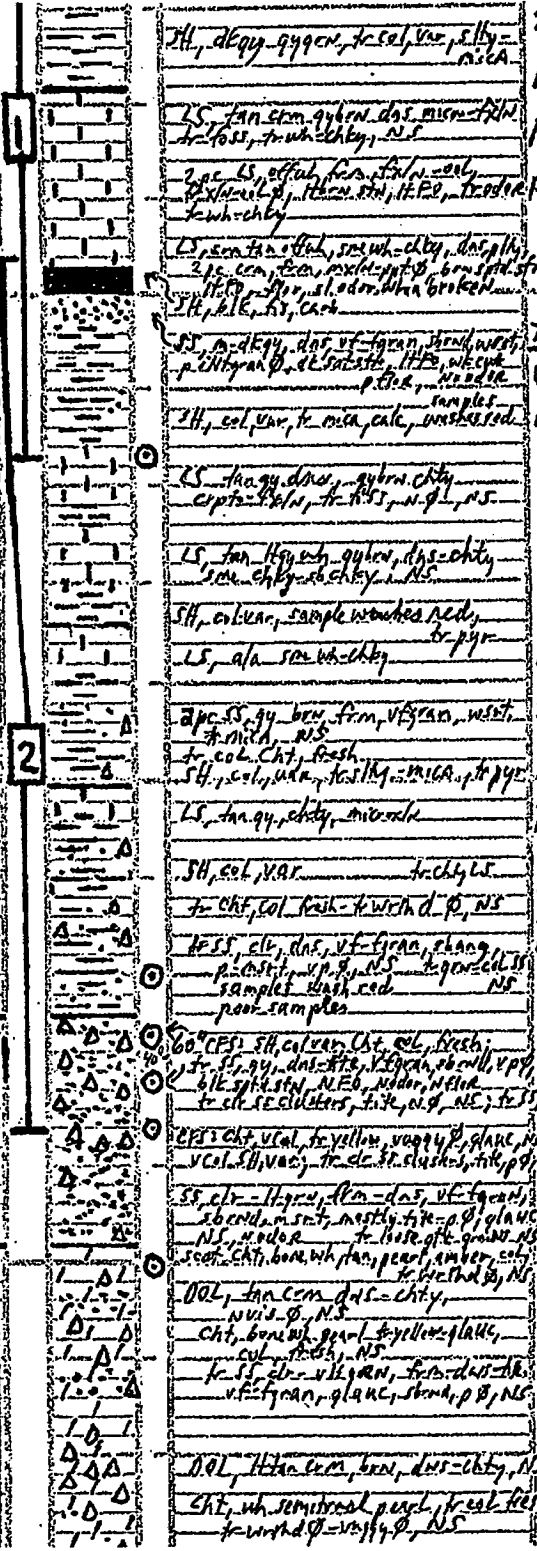
E-log 4410 (-1955)

Char. sand 4424 (-1969)

E-log 4433 (-1978)

Miss. Warsaw 4448 (-1993)

E-log 4457 (-2002)



2nd open No blow
 Rec: 5' mud
 IFP 32-39# 15IP 150#
 FFP 34-38# FSIP 70#
 BHT 118°F

Mud-co data @ 4352'
 WT 9.5 VIS 53 WL 11.2
 PH 8.5 CL 4,400ppm LCM 1#

DST # 2 4376' - 4436'
 Times: 5" - 30" - 30" - 60"
 1st open: Weak blow 3/8 inches
 2nd open: Weak blow 1/4 inch (died in 10")

Rec: 60' mud
 IFP 48-49# 15IP 1198#
 FFP 51-60# FSIP 1222#
 BHT 116°F

mud-co data @ 4436'
 WT 9.3 VIS 59 WL 11.2
 PH 9.5 CL 4,100ppm LCM 2#

50-60% chert

| DEPTH | DRILLING TIME | LITHOLOGY | SAMPLE DESCRIPTIONS | REMARKS |
|-------|-------------------------------|-----------|---------------------|---------|
| | Minutes/Foot | | | |
| | 5" 10" 15" 20" 25" | | | |
| | Rate of Penetration increases | | | |

COMPANY Mull Drilling Company, Inc.
LEASE Squier "A" #2-18
LOCATION 1116' PNL § 135 FEL SEC. 18 TWP. 16S. RING. 22W
COUNTY Neosho STATE Kansas

ELEVATION: KB 2455'

Diamond Testing

General information Report

General Information

Company Name MULL DRILLING COMPANY, INC.

| | | | |
|---------------------|--------------------------------|----------------|-----------------------------|
| Contact | ERNIE MORRISON | Job Number | |
| Well Name | SQUIER 'A' #1-18 | Representative | ROGER D. FRIEDLY |
| Unique Well ID | DST #1 FT SCOTT4,305' - 4,367' | Well Operator | MULL DRILLING COMPANY, INC. |
| Surface Location | SEC 18-16S-22W NESS COUNTY, KS | Report Date | 2010/07/03 |
| Well License Number | | Prepared By | ROGER D. FRIEDLY |
| Field | WILDCAT | | |
| Well Type | Vertical | | |

| | | | |
|---------------------|--------------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST #1 FT SCOTT4,305' - 4,367' | | |
| Well Fluid Type | 01 Oil | Start Test Time | 16:48:00 |
| | | Final Test Time | 23:23:00 |
| Start Test Date | 2010/07/03 | | |
| Final Test Date | 2010/07/03 | | |
| Gauge Name | 30046 | | |
| Gauge Serial Number | | | |

Test Results

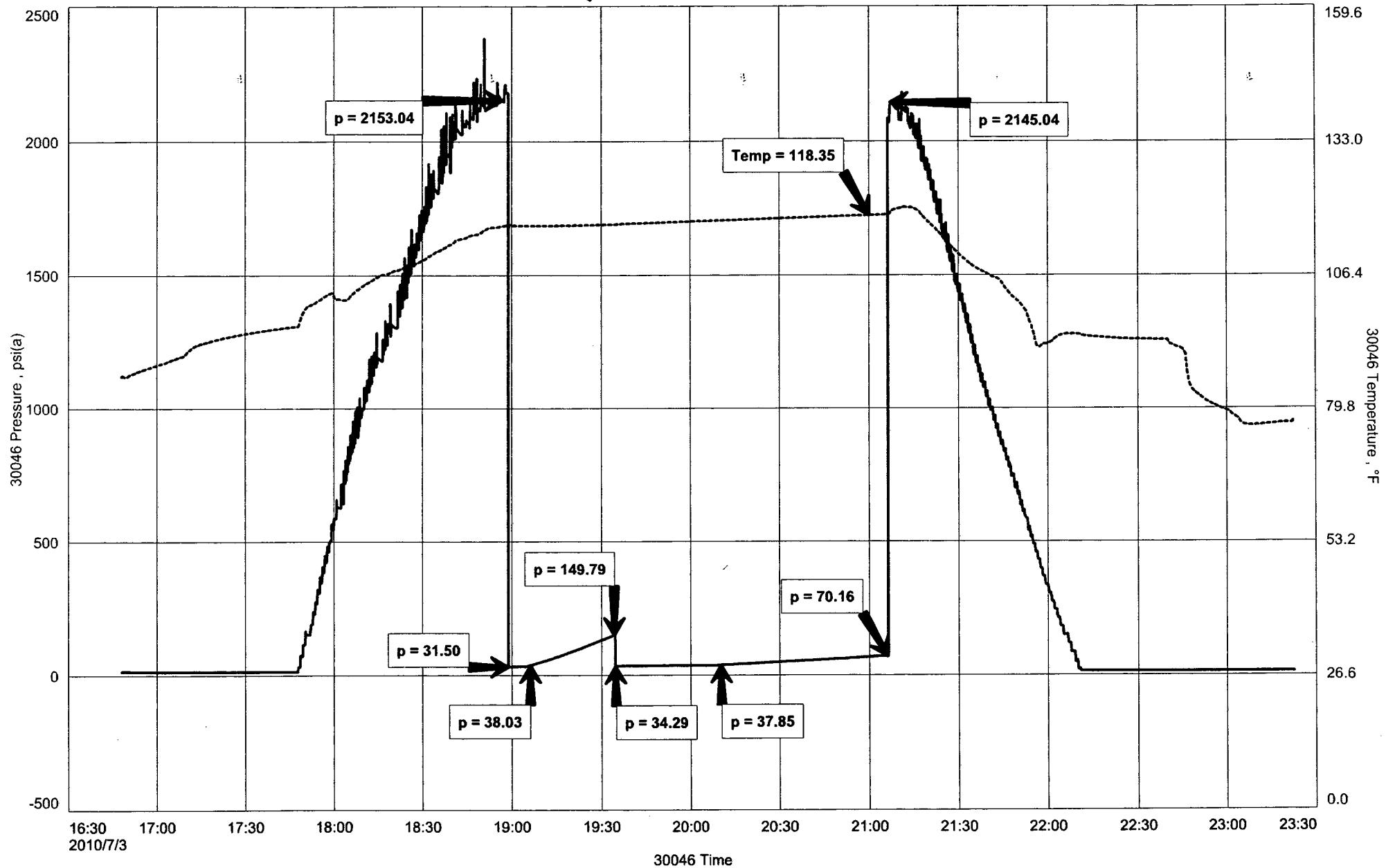
RECOVERED: 5' DM 100% MUD

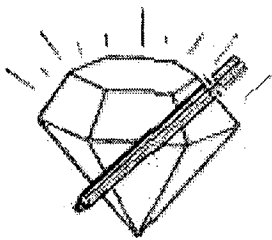
TOOL SAMPLE: 100% DM

MULL DRILLING COMPANY, INC.
DST #1 FT SCOTT\CHEROKEE 4,305' - 4,367'
Start Test Date: 2010/07/03
Final Test Date: 2010/07/03

SQUIER 'A' #1-18
Formation: DST #1 FT SCOTT\CHEROKEE 4,305' - 4,367'

SQUIER 'A' #1-18





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

CLOCK ON:16:48
CLOCK OFF:23:23

DRILL-STEM TEST TICKET

Company MULL DRILLING COMPANY, INC. Lease & Well No. SQUIER 'A' #1-18
Contractor W.W. RIG #10 Charge to MULL DRILLING COMPANY, INC.
Elevation 2,455 KB Formation FT SCOTT / CHEROKEE Effective Pay _____ Ft. Ticket No. _____
Date 7.3.10 Sec. 18 Twp. 16 S Range 22 W County NESS State KANSAS
Test Approved By PHIL ASKEY Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 4,305 ft. to 4,367 ft. Total Depth 4,367 ft.
Packer Depth 4,300 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,305 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,308 ft. Recorder Number 30046 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,364 ft. Recorder Number 11073 Cap. 3,900 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,400 P.P.M. Drill Pipe Length 4,156 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 62 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 32 DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/8" BLOW INCREASING TO 1/4" (NObb)
2nd Open: NO BLOW (NObb)

Recovered 5 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

| | |
|----------------|---------------|
| Remarks: _____ | Price Job |
| | Other Charges |
| | Insurance |
| | Total |

TOOL SAMPLE: 100% DM

Time Set Packer(s) 6:59 P.M. A.M. P.M. Time Started Off Bottom 9:04 P.M. A.M. P.M. Maximum Temperature 118
Initial Hydrostatic Pressure (A) 2,153 P.S.I.
Initial Flow Period Minutes 5 (B) 32 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period Minutes 30 (D) 150 P.S.I.
Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 38 P.S.I.
Final Closed In Period Minutes 60 (G) 70 P.S.I.
Final Hydrostatic Pressure (H) 2,145 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly through the use of its equipment or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING CO INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: PHIL ASKEY

Phone: Fax: e-mail:

Well Information:

Name: SQUIRES A 1-18

Operator: MULL DRILLING CO INC

Location-Downhole:

Location-Surface: S18/16S/22W NESS CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: PHIL ASKEY

Test Type: CONVENTIONAL Job Number: D775

Test Unit:

Start Date: 2010/07/04 Start Time: 14:00:00

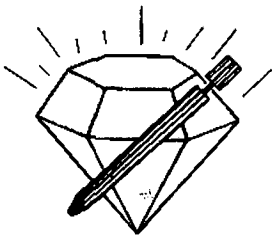
End Date: 2010/04/07 End Time: 19:30:00

Report Date: 2010/07/04 Prepared By: JOHN RIEDL

Qualified By: PHIL ASKEY

Remarks:

RECOVERY: 60' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON: 14:00 07/04/10

OFF: 19:30 07/04/10

DRILL-STEM TEST TICKET

FILEstcsquirea118dst2

Company MULL DRILLING COMPANY, INC. Lease & Well No. SQUIRE 'A' #1-18

Contractor W.W. RIG #10 Charge to MULL DRILLING COMPANY, INC.

Elevation 2,455 KB Formation CHEROKEE Effective Pay _____ Ft. Ticket No. D775

Date 7/04/10 Sec. 18 Twp. 16 S Range 22 W County NESS State KANSAS

Test Approved By PHIL ASKEY Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 4346 ft. to 4436 ft. Total Depth 4436 ft.

Packer Depth 4331 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4336 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 3,900 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 120 ft. I.D. 2 1/4 in

Weight 9.3 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 4,100 P.P.M. Drill Pipe Length 4190 ft. I.D. 3 1/2 in

Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 90 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WEAK (3/8") (NOBB)

2nd Open: WEAK (WEAK 1/4" DEAD IN 10 MINUTES) (NOBB)

Recovered 60 ft. of DRILLING MUD (2%WATER 98%MUD)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOTAL FLUID RECOVERY: 60' IN DRILL COLLARS

TOOL SAMPLE GRINDOUT (2%WATER 98%MUD)

Time Set Packer(s) 3:30 P.M. A.M. P.M. Time Started Off Bottom 5:35 P.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure _____ (A) 2176 P.S.I.

Initial Flow Period _____ Minutes 5 (B) 48 P.S.I. to (C) 49 P.S.I.

Initial Closed In Period _____ Minutes 30 (D) 1198 P.S.I.

Final Flow Period _____ Minutes 30 (E) 51 P.S.I. to (F) 60 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1222 P.S.I.

Final Hydrostatic Pressure _____ (H) 2129 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for

SQUIRES A 1-18

SQUIRES A 1-18
Formation: CHEROKEE
Job Number: D775

