Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1260237

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3988
Name: Slawson Exploration Company, Inc.
Address 1: 204 N ROBINSON AVE STE 2300
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6891
Contact Person: Steve Slawson
Phone: (405) 232-0201
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Peter Debenham
Purchaser:

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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

07/29/2015	08/06/2015	08/06/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-039-21221-00-00
Spot Description:
NW SE NE NE Sec. 26 Twp. 2 S. R. 28 ☐ East ☑ West
785 Feet from ☑ North / ☐ South Line of Section
535 Feet from ☑ East / ☐ West Line of Section

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

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Decatur
Lease Name: Fortin Well #: 1-26
Field Name:
Producing Formation: n/a
Elevation: Ground: 2663 Kelly Bushing: 2674
Total Vertical Depth: 4275 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 348 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: 2000 ppm Fluid volume: 3000 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

☑ **Confidentiality Requested**
Date: 08/25/2015
☑ **Confidential Release Date:** 08/24/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 08/27/2015

[redacted]

1260237

Operator Name: Slawson Exploration Company, Inc. Lease Name: Fortin Well #: 1-26

Sec. 26 Twp. 2 S. R. 28 ☐ East ☑ West County: Decatur

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

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	12.250	8.6250	23	348	Common	190	2% gel, 3% CC

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Slawson Exploration Company, Inc.
Well Name	Fortin 1-26
Doc ID	1260237

All Electric Logs Run

DIL
SP
CDL
CNL
Sonic
ML

Form	ACO1 - Well Completion
Operator	Slawson Exploration Company, Inc.
Well Name	Fortin 1-26
Doc ID	1260237

Tops

Name	Top	Datum
Topeka	3502	-832
Oread	3590	-920
Heebner	3609	-939
Toronto	3643	-973
Lansing	3659	-989
B/KC	3874	-1204
Pawnee	3988	-1318
Cherokee	4029	-1359
Cher. SD	4064	-1394
Arbuckle	4147	-1477
Reagan	4189	-1519

Form	ACO1 - Well Completion
Operator	Slawson Exploration Company, Inc.
Well Name	Fortin 1-26
Doc ID	1260237

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.250	8.6250	23	348	Common	190	2% gel, 3% CC

SLAWSON EXPLORATION CO., INC.

Fortin No. 1-26

Section 26, T2S, R28W
Decatur County, Kansas
July, 2015

Well Summary

The Slawson Exploration Co., Inc., Fortin No. 1-26 was drilled as a wildcat based on seismic to a total depth of 4275' in granite wash. One on the closest offsets was the Sauvage & Dunn, Sauvage No. 1, NW NW, Sec. 26, 2S, R 28W – Approximately 4400' to the West. Formation tops ran relatively even to this offset. The Stone Corral and Topeka ran even. Formation tops from the Oread to the Cherokee ran 3' low to 2' high. The Arbuckle came in 6' low.

Numerous hydrocarbon shows were documented in the Lansing and Oread(attached mudlog). All shows were covered in the three drillstem test run and no show recovery was noted.

The Fortin No. 1-26 was plugged and abandoned 8/6/15.

Appreciation to WW Drilling rig 12 hands for a job well done.

Respectfully Submitted,

Peter Debenham

WELL DATA

Operator:	Slawson Exploration Co., Inc., 204 N. Robinson Ave, Ste. 2300, Oklahoma City, Oklahoma, 73102
Company Rep. and Geologist: Chris Gough, Denver.	
Well:	Fortin No. 1-26
Location:	785'FNL & 535'FEL, Sec 26, T2S, R28W, Decatur Co., Kansas, 6 miles East of Oberlin
Surface Owner:	Jerry Fortin
API No.:	15-039-21221
Elevation:	Ground Level 2662', Kelly Bushing 2670'
Contractor:	WW Drilling, LLC. Rig No. 12, Double jacknife, TP Calvin Pfannenstiel, Drillers: Randy Scaurow, Wade Badger, Greg Ernst
Spud Date:	7/29/15
Total Depth:	8/5/15, Driller 4275', Logger 4270', Granite Wash.
Casing Program:	8 joints of 8 5/8", 23 lbs/ft set at 348'.
Mud Program:	Kansas Drilling Tech., KDT, engineer Ken Rupp, mud up 3258'.
Drillstem Testing:	Diamond Testing, engineer Wilbur Steinbeck, **DST NO. 1:** (3654'-3740'), Oread Fm., **DST NO. 2:** (3655' – 3754'), Lansing "A, B & C", **DST NO. 3:** (3778'-3846'), Lansing "E & F"
Wellsite Consultant:	Peter Debenham, P.O. Box 350, Drake, CO 80515, 720/220-4860,
Samples:	10' to TD – one dry cut sent to KGS log library.
Electric Logs:	Weatherford, Engineer Jeffrey Randle, 1) Dual Induction, 2) Neutron Density, 3) Microlog, 4) Sonic
Status:	Plugged and abandoned 8/6/15.

WELL CHRONOLOGY

DATE	10 PM DEPTH	FOOTAGE	RIG ACTIVITY
7/29	348'	348'	Rig down from the Dave Ketterl 1-30 and move to location and rig up rotary tools and mix spud mud. Spud in 12 ¼" surface hole to 348' and wiper trip and circulate. Jet celler and service rig. Drop survey(1/2 deg.) and trip out and run and cement 8 5/8" surface casing to 348', did circulate. Wait on cement.
7/30	2341'	1993'	Wait on cement. Jet pits and service. Slow returns and loosing fluid at 1688', add premix.
7/31	3136'	195'	Jet pits and service rig.
8/1	3613'	477'	Displace mud system at 3258'. Circulate for samples at 3613'. Short trip 29 stands and circulate. Drop survey(3/4 deg.) and strap out for DST No. 1(3590'-3613'), Oread Fm. – 2.11' downhole correction.
8/2	3740'	127'	Make up test tool and run test and pull same. Trip in and work on drawworks chains, down 8 hours. Trip in and circulate. Circulate for samples at 3660', 3665' and 3740'.
8/3	3846'	106'	Circulate for samples at 3740' and 3754'. Short trip 10 stands and circulate. Trip out for DST No. 2(3655'-3754'), Lansing AB&C zone. In and circulate hole clean and circulate for samples at 3790' and 3846'. Trip for DST No. 3(3778'-3846'). Lansing E & F.
8/4	4070'	224'	Run test and lay down test tools. In and circulate hole clean. Circulate for samples at 3870' and 4052'.
8/5	4275'TD	205'	Circulate for samples at 4204' and 4275'. Jet hole. Short trip and circulate. Trip out for logs and run ELogs. Wait on orders.
8/6	TD		Trip in and circulate. Trip out laying down and plug and abandon well. Rig down.

MUD PROPERTIES

DATE	DEPTH	WT	VIS	PV	YP	pH	WL	CL	LCM-LBS/BBL
7/30	1464'	8.9	31						
7/31	2671'	8.9	31						
8/1	3417'	8.5	60	18	12	11.8	7.2	1000	2
8/2	3613'	8.7	45	15	14	11.3	8.8	1000	2
8/3	3754'	9.1	50	15	20	10.4	8.0	2000	2
8/4	3869'	9.1	52	18	22	9.5	8.8	2000	2
8/5	4209'	9.1	72	20	25	10.3	8.0	2000	2

BIT RECORD

NO.	MAKE	TYPE	SIZE	OUT	FOOTAGE	HOURS
1	Smith	RR	12 ¼"	348'	348'	3 ¼
2	Smith	F271Y	7 7/8"	4545'	4197'	95 ½
				Total Rotating Hours:		98 ¾
				Average:		43.3 Ft/Hr

DRILL STEM DATA

DST NO. 1: (3590'-3613'), Oread Fm.
Type: Conventional Bottom Hole, Times: 30-45-45-60
Blows: IF – Slowly built to 5 1/4". FF – Steadily built to 6 1/2".
I & FSI – no blowback.

PERIOD	PSI
IH	1655
IF	9 - 64
ISI	1177
FF	66 - 97
FSI	1165
FH	1648

RECOVERY: 190' mcw(15% mud), no show.

DST NO. 2:(3655' – 3754'), Lansing "A, B & C"
Type: Conventional Bottom Hole, Times: 30-45-45-60
Blows: IF – Bottom of bucket in 16 minutes. FF – Bottom of bucket in 25 minutes. No blowback.
I & FSI – no blowback.

PERIOD	PSI
IH	1728
IF	19 - 129
ISI	1198
FF	134 - 232
FSI	1703
FH	1703

RECOVERY: 480' of mud cut water(10% mud).

DST NO. 3:(3778'-3846'), Lansing "E & F"
Type: Conventional Bottom Hole, Times: 30-30-30-30
Blows: IF & FF – Weak surface to no blow.
I & FSI – no blowback.

PERIOD	PSI
IH	1805
IF	10 - 12
ISI	36
FF	12 - 13
FSI	27
FH	1798

RECOVERY: 2'mud, no show.

ELECTRIC LOG FORMATION TOPS- KB Elev. 2670'

FORMATION	DEPTH	DATUM	*Sauvage No. 1 DATUM	POSITION
Surface Csg	349'			
Anhydrite	2345'	+325'	+325'	0'
Topeka	3492'	-822'	-822'	0'
Oread	3590'	-922'	-924'	+2'
Heebner	3609'	-939'	-938'	-1'
Toronto	3642'	-972'		
Lansing	3654'	-984'	-982'	-2'
B	3694'	-1024'		
C	3730'	-1060'	-1056'	-4'
D	3760'	-1090'	-1092'	+2'
E	3799'	-1129'	-1128'	-1'
F	3824'	-1154'	-1154'	0'
G	3844'	-1176'		
BKC	3854'	-1184'	-1185'	+1
Pawnee	3988'	-1318'	-1315'	-3'
Cherokee	4028'	-1358'		
Arbuckle	4148'	-1478'	-1472'	-6'
Reagan SS:	4189'	-1519'		
Granite Wash	4216'	-1546'		
TD	4275'			

*Sauvage & Dunn, Sauvage No. 1, NW NW, Sec. 26, 2S, R 28W – App. 4400' to the West, K.B. Elev. 2593'.

LITHOLOGY DESCRIPTION

SAMPLES ARE LAGGED
CORRECTED E-LOG FORMATION TOPS
*INDICATES HYDROCARBON SHOW

3300-3350 SHALE: Gy to gygn redbrn to medium brown occasional gygn occasional black blocky sndy in part interbed with LIMESTONE: Med brown to gray redbrn micr fine crystalline hard dense micsuc in part clean to marly fossils carbonaceous sndy predominant tight no fluorescence no stain or cut

3350-3390 LIMESTONE: Med to light brown to gray dark mottled brown crpxln hard dense argillaceous fossils tight no show interbed with SHALE: Redbrn to red gygn to green dark brown blocky earthy waxy to sndy in part with LIMESTONE: Med brown biomicr fossils oolites tight

3390-3400 LIMESTONE: Lt brown buff white micxln micsuc firm to soft and chlky in part clean fossils fair intxln porosity no fluorescence no stain or cut

3400-3414 SHALE: Redbrn to red gygn to green dark brown blocky earthy waxy to sndy in part

3414-3450 LIMESTONE: Med mottled brown biomicr fine crystalline hard dense clean fossils tight no show occasional trace intxln porosity interbed with SHALE: Med redbrn to brown soft to blocky waxy to amorphous earthy

3450-3474 LIMESTONE: Lt to medium mottled brown redbrn micr fine crystalline sbchky in part very fossils and oolites sndy trace vis porosity no show interbed with SHALE: Redbrn to brown gray to gygn firm blocky very sndy in part

3474-3486 LIMESTONE: Lt brown buff white micxln micsuc to sucrosic brittle clean very sndy fossils gd intxln porosity no fluorescence no stain or cut

3486-3502 SHALE: Redbrn to brown gray to gygn firm blocky very sndy in part

Topeka 3492
3502-3530 LIMESTONE: Lt brown white micxln to coarse crystalline sucrosic brittle clean fossils gd intxln porosity moldic and vug porosity no show

3530-3548 LIMESTONE: Med brown crpxln hard dense silica in part clean fossils tight no show

3548-3580 SHALE: Redbrn to brown gray to green firm blocky waxy to sndy in part interbed with LIMESTONE: Dk mottled brown to gray crpxln hard dense fossils carbonaceous tight no show

3580-3600 LIMESTONE: Med mottled brown biomicr crpxln hard dense fossils sndy tight no show with LIMESTONE: Lt to medium mottled brown to gray occasional yellow fine crystalline dense clean to argillaceous fossils tight no show interbed with SHALE: Redbrn to brown gray occasional green blocky waxy

Oread 3590'
3600-3617 *LIMESTONE: Lt mottled brown to gray white micxln to coarse crystalline in part sucrosic brittle clean sbchky in part fossils clean occasional gd vug porosity intxln porosity spotty dark brown live oil in vugs with dull goldbrn hydrocarbon fluorescence exc strmg cut occasional intxln porosity with matrix oil stain and live oil show in 5% spls

Heebner 3609'
3617-3652 SHALE: Redbrn to gray gygn occasional black firm sbfis to blocky carbonaceous in part interbed with LIMESTONE: Lt brown fine crystalline hard dense clean sndy and oolites in part tight no show

Toronto 3642'
3652-3658 LIMESTONE: Tan light brown crpxln hard dense silica tight no show

Lansing 3654'
3658-3660 *LIMESTONE: Mot brown oomicr coarse crystalline in part sucrosic to brittle oolites sndy occasional exc coarse vug and oomoldic porosity with solid black oil stain(gilsonite) occasional dark brown live oil very dull hydrocarbon fluorescence exc strmg cut

3660-3672LIMESTONE: Lt brown micxln sucrosic brittle clean oolites with moldic porosity intxln porosity no fluorescence no stain or cut

3672-3682 SHALE: Redbrn gray to green occasional black interbed with LIMESTONE: Brn tan fine crystalline clean sndy oolites no fluorescence no stain or cut

3682-3686 *LIMESTONE: Med to dark brown with oil stain mottled in part micxln micsuc sndy oolites tight/trace inxln porosity brown matrix oil stain dark goldbrn hydrocarbon fluorescence(12% sample) exc strmg cut light live oil when crushed

3686-3690 *LIMESTONE: Lt brown tan crp to micxln micsuc in part sbchky in part clean trace intxln and pinpoint vug porosity light mottled brown oil stain and live oil when crushed very dull mottled hydrocarbon fluorescence exc strmg show in upper to 15% spls cut CHRT: Gy hard crystalline interbed with SHALE: Redbrn gray blocky waxy

SHALE: Redbrn to brown gray blocky waxy

3720-3740 LIMESTONE: Wh light brown tan crpxln hard dense silica clean fossils tight no show

3754-3762 *LIMESTONE: Brn to gray fine crystalline clean oolites intpart porosity occasional pinpoint vug porosity predominant hard and tight mottled brown oil stain and live oil(2% sample) gd strmg cut dull mottled hydrocarbon fluorescence

3762-3774 SHALE: Redbrn gray to green maroon varic in part earthy blocky waxy

3774-3788 *LIMESTONE: Wh light brown crpxln hard dense silica sbchky in part clean tight no show with LIMESTONE: Brn to gray fine crystalline clean oolites intpart porosity occasional pinpoint vug porosity predominant hard and tight mottled brown oil stain and live oil(2% sample) gd strmg cut dull mottled hydrocarbon fluorescence

3788-3806 SHALE: Redbrn gray to green maroon varic in part earthy blocky waxy

3806-3820 *LIMESTONE: Lt mottled brown gray micxln micsuc brittle in part sbchky clean to argillaceous fossils oolites trace intpart and intxln porosity pinpoint vug porosity light mottled brown oil stain and live oil when crushed(12% sample) speck orange hydrocarbon fluorescence gd strmg cut interbed with LIMESTONE: Wh tan crpxln hard dense silica tight no show

3820-3830 SHALE: Redbrn gray to green maroon varic in part earthy blocky waxy

3830-3860 *LIMESTONE: Med to light brown micro/crpxln micsuc in part brittle clean fossils oolites occasional intpart and trace intxln porosity mottled brown oil stain trace live oil medium orange hydrocarbon fluorescence gd cut show in 2% sample with LIMESTONE: Wh light brown buff crpxln hard dense sbchky in part clean tight light mottled yellow hydrocarbon fluorescence with slow bldng cut(4% sample) light sptty stain

BKC 3854'
3860-3896 SHALE: Redbrn gray to gygn firm blocky to sbfis waxy interbed with LIMESTONE: Lt brown tan crpxln hard dense clean sndy poor vis porosity no show with varic SHALE

3896-3930 LIMESTONE: Lt brown tan crpxln hard dense clean sndy poor vis porosity no show interbed with SHALE: Redbrn to brown gray gygn green varic in part sbfis to blocky waxy

3930-3954 LIMESTONE: Lt brown tan crpxln hard dense clean sndy poor vis porosity no show interbed with SHALE: Redbrn to brown gray gygn green varic in part sbfis to blocky waxy

3954-3968 LIMESTONE: Med to light mottled redbrn to brown crpxln hard dense silica clean to argillaceous sndy tight no show

Pawnee 3988'
3968-4000 SHALE: Mot red to orngbrn gray gygn bright green varic earthy blocky waxy to sndy in part interbed with LIMESTONE: Lt brown buff redbrn mottled fine crystalline hard dense clean to marly in part tight no show

4000-4042 SHALE: V dark redbrn earthy blocky silty interbed with LIMESTONE: Lt brown buff redbrn mottled fine crystalline hard dense clean to marly in part tight no fluorescence no stain or cut

4042-4074 SANDSTONE: orange clear translucent white varic in part fu to vcu and conglic poor sorted angular to sbang Qtz Fldspr mica grains friable silica cement pyrite intgran porosity no fluorescence no stain or cut with abt Unconsl Grs(70% sample) interbed with SHALE: V dark redbrn earthy blocky silty

4074-4106 SHALE: Med to dark redbrn to brown gray green varic blocky waxy interbed with LIMESTONE: Brn gray redbrn fine crystalline hard dense argillaceous to marly sndy tight no show

4106-4118 Abt Unconsl grains: orange clear translucent white varic in part fu to vcu and conglic poor sorted angular to sbang Qtz Fldspr mica grains consl in part with silica and clay cement poor vis porosity no show

4118-4150 Shale Dk redbrn to brown hard blocky very sndy with fine/m well sorted sbrnd grains grdng to SANDSTONE: Dk brown to redbrn hard dense blocky fu/ml well sorted sbrnd grains silica and clay cement argillaceous to marly tight abt clay infill no show

Arbuckle 4148'
4150-4190 DOLOMITE: S&P speck green redbrn to brown orange varic fine to coarse intgrown crystalline sucrosic brittle clean to argillaceous very glauconitic sndy tight/trace intxln porosity no fluorescence no stain or cut

Reagan SS 4189'
4190-4218 Abt very coarse unconsl Qtz and Fldspr grains mica pyrite glauconitic in part consl in part with dolic and clay cement poor vis porosity no fluorescence no stain or cut

4218-4219 Abt Unconsl grains: Red orange white translucent varic vc/conglic in size poor sorted angular Qtz and Fldspr grains mica pyrite glauconitic in part consl in part poor vis porosity no show

Granite Wash 4216'
4219-4275TD Granite Wash material: Abt Unconsl Varic Ang Qtz Fldsr Mica grains consol in part with silica and clay cement SHALE: Med to dark brown sbfis to blocky waxy

Peter Debenham
P.O. Box 350
Drake, Colorado 80515

Wellsite Geology
720/220-4860
petrolific@earthlink.net

Scale 1:240 (5"=100') Imperial

Well Name:	Slawson Exploration Co., Fortin No. 1-26
Location:	785'FNL & 535'FEL, Sec 26, T2S, R28W, Decatur Co., Kansas
Licence Number:	API: 15-039-21221 Region: CKU
Spud Date:	7/29/15 Drilling Completed: 8/5/15
Surface Coordinates:	785'FNL & 535'FEL, Sec 26, T2S, R28W, Decatur Co., Kansas
Bottom Hole Coordinates:	785'FNL & 535'FEL, Sec 26, T2S, R28W, Decatur Co., Kansas
Ground Elevation (ft):	2662' K.B. Elevation (ft): 2670'
Logged Interval (ft):	3300' To: TD Total Depth (ft): 4275'
Formation:	Lansing, Kansas City, Pawnee, Cherokee, Arbuckle, Reagan SS
Type of Drilling Fluid:	Chemical Gel/LSND/LCM, mud up 3500'

OPERATOR

Company:	Slawson Exploration Co., Inc.
Address:	204 N. Robinson Ave., Ste 2300 Oklahoma City, OK 73102 Engineer Greg Wyatt

GEOLOGIST

Name:	Wellsite: Peter Debenham
Company:	Petrolific Consulting Services
Address:	P.O. Box 350 Drake, CO 80515 720/220-4860, Petrolific@gmail.com

DSTs

DST No. 1 (3590'-3613'), 30-45-45-60
IH 1655 PSI, IF 9 - 64, ISI 1177, FF 66 - 97
FSI 1165, FH 1648
REC: 190' MCW(15% M)
DST No. 2 (3655'-3754'), 30-45-45-60
IH 1728, IF 19 - 129, ISI 1198, FF 134 - 232
FSI 1703, FH 1703
Rec: 480' MCW(10% M), no show
DST No. 3 (3778'-3846'), 30-30-30-30
IH 1805, IF 10 - 12, ISI 36, FF 12 - 13
FSI 27, FH 1798
Rec: 2' mud

Comments

WW Drilling Rig 12, TP Calvin Pfannenstiel, Drillers Randy Scaurow, Greg Ernst, Wade Bader, Company Rep. & Geologist Chris Gough - Denver, Kansas Drilling Tech. engineer Ken Rupp, Weatherford Logs engineer Jeffrey Randle, P&A 8/6/15.

ROCK TYPES

Anhy
Bent
Brec
Cht
Clyst
Coal
Congl
Dol
Gyp
Igne
Lmst
Meta
Mrlst
Salt
Shale
Shcol
Shgy
Sltst
Ss
Till

ACCESSORIES

FOSSIL

Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Ssstrg

STRINGER

Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Sltstrg

TEXTURE

Boundst
Chalky
Cryxln
Earthy
Finexln
Grainst
Lithogr
Microxln
Mudst
Packst
Wackest

OTHER SYMBOLS

INTERVALS

Core
Dst

EVENTS

Rft
Sidewall

POROSITY TYPE

Earthy
Fenest
Fracture
Inter
Moldic
Organic
Pinpoint
Vuggy

SORTING

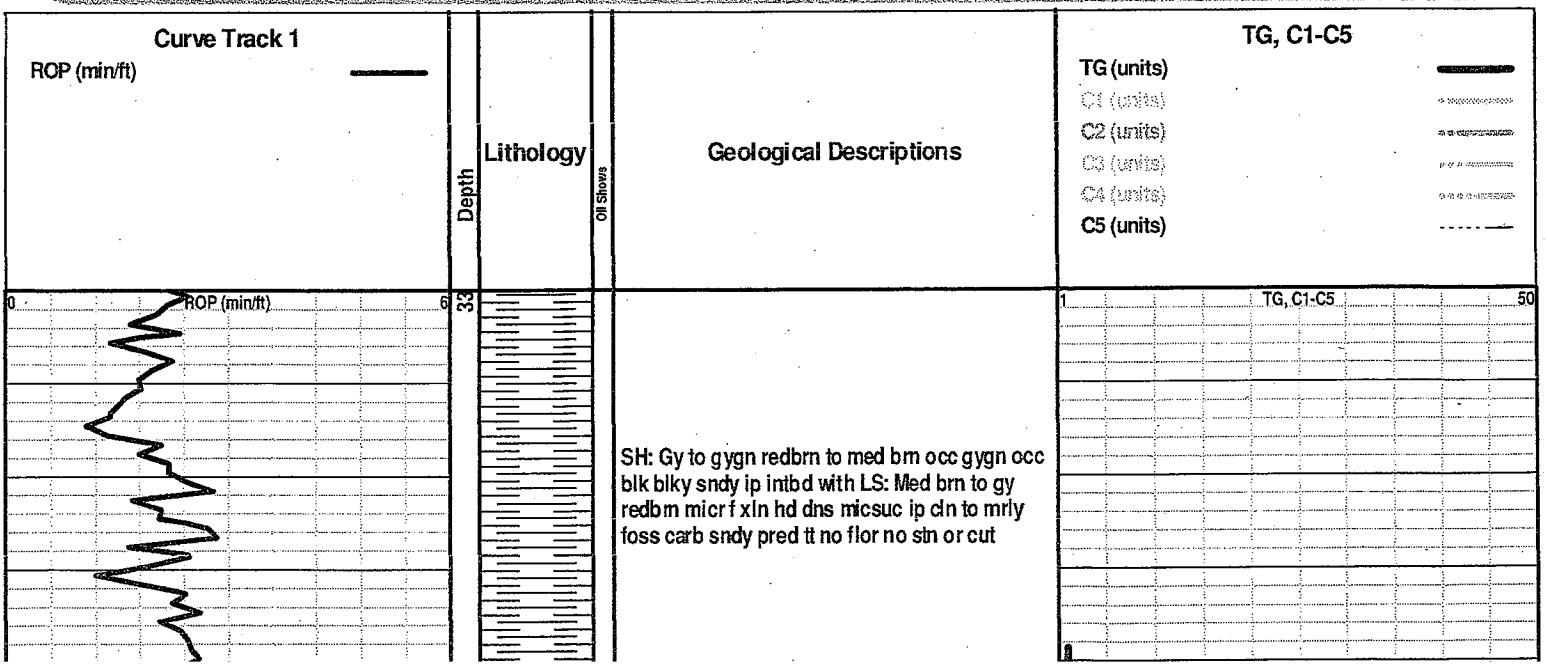
Well
Moderate
Poor

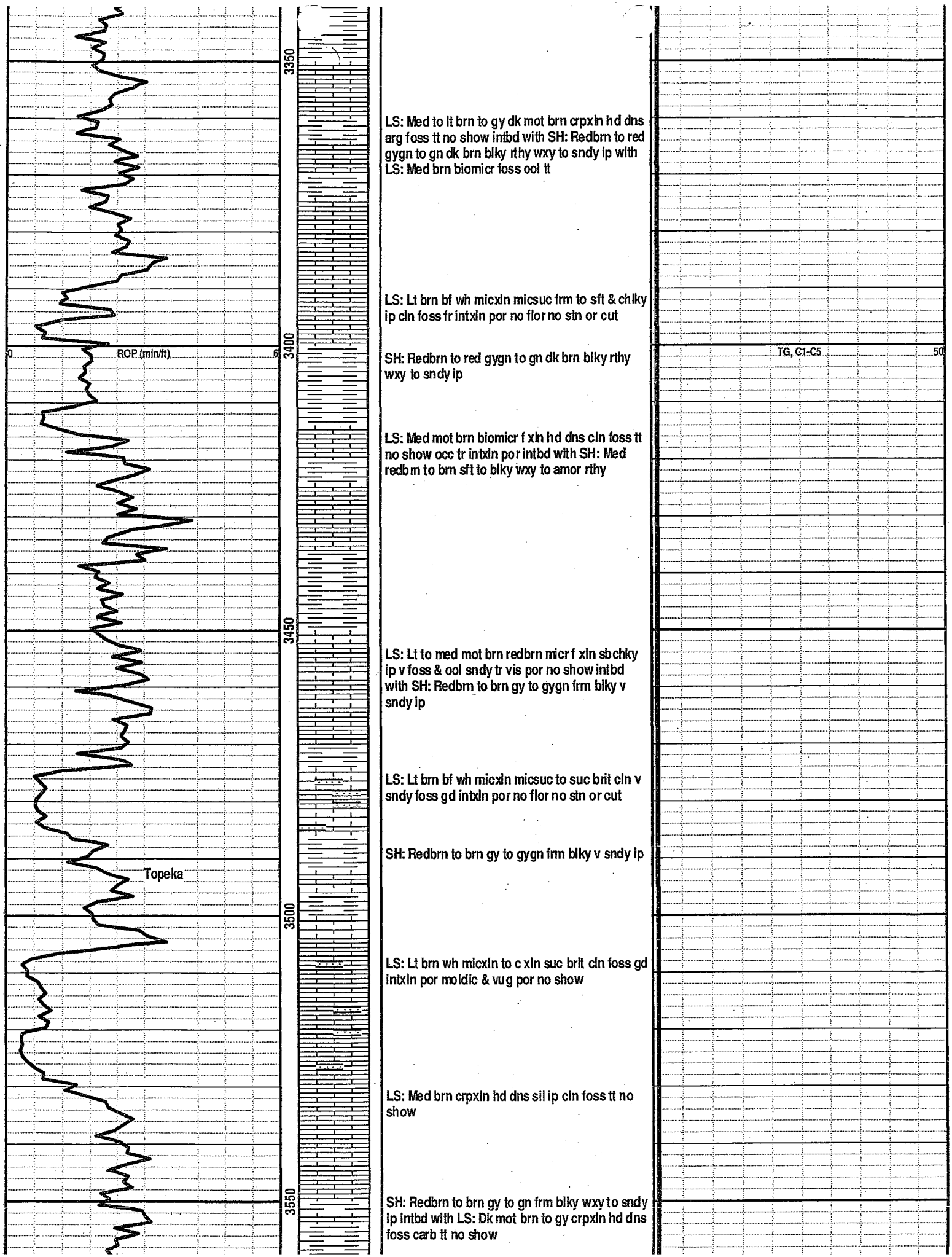
ROUNDING

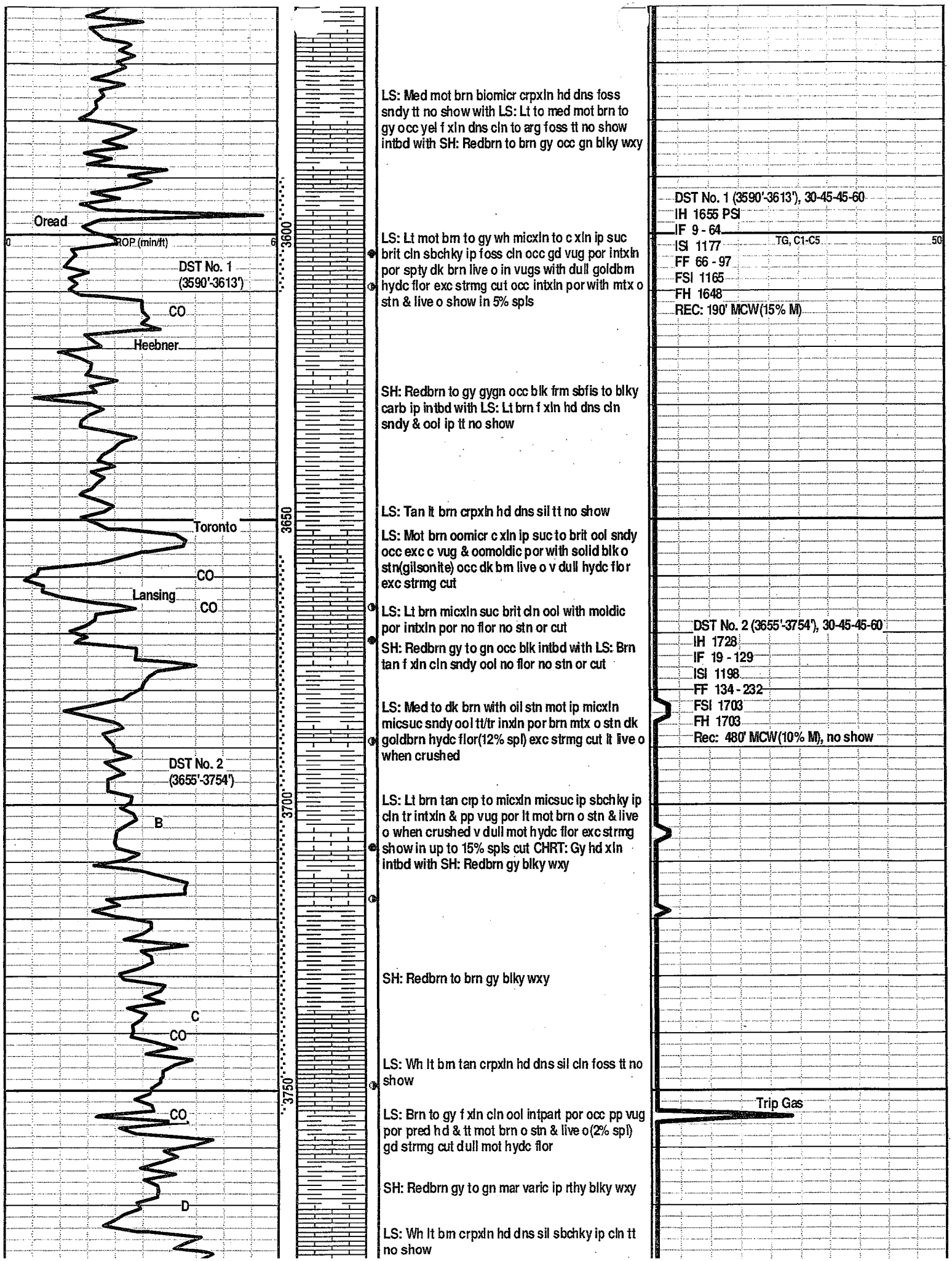
Rounded
Subrnd
Subang
Angular

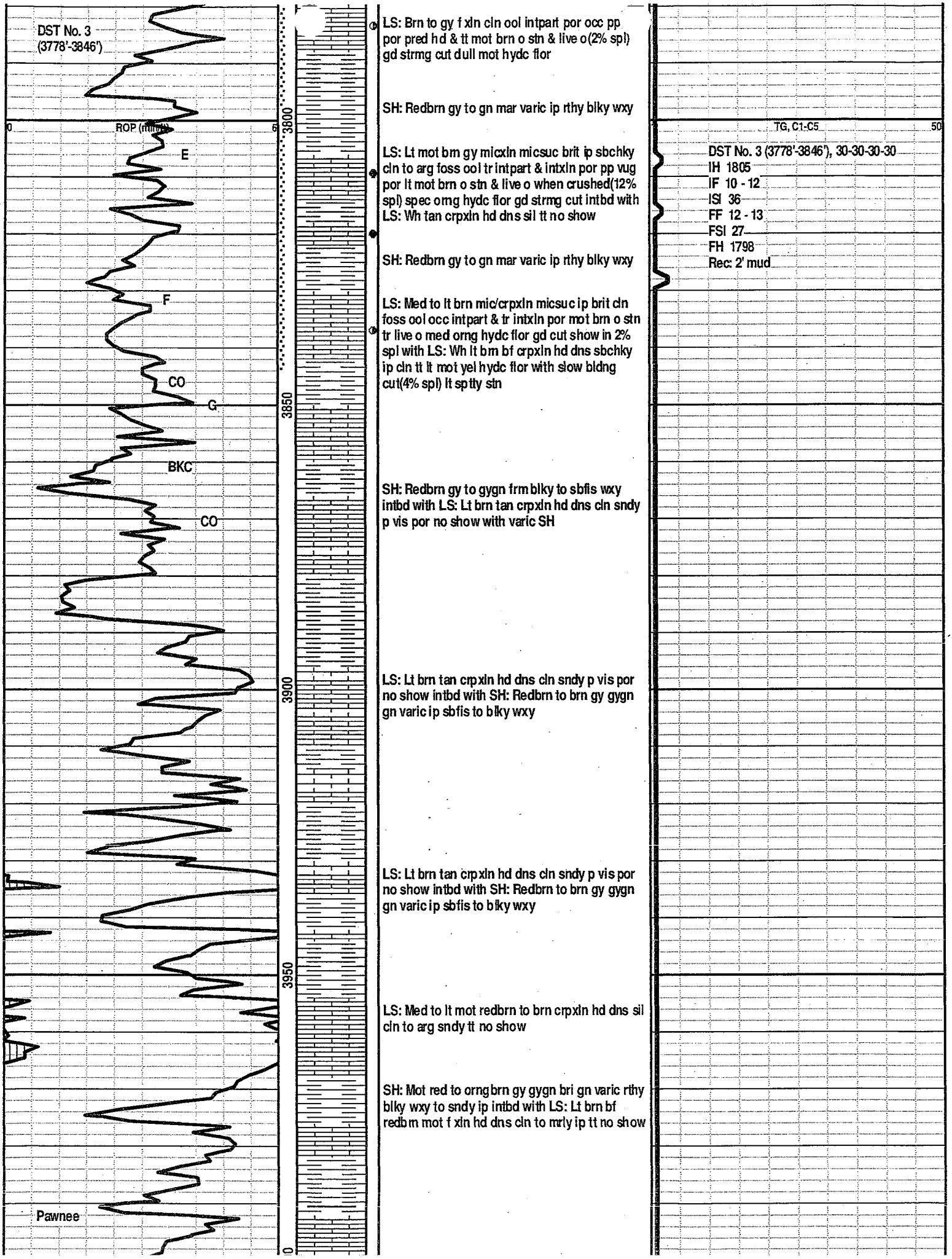
OIL SHOWS

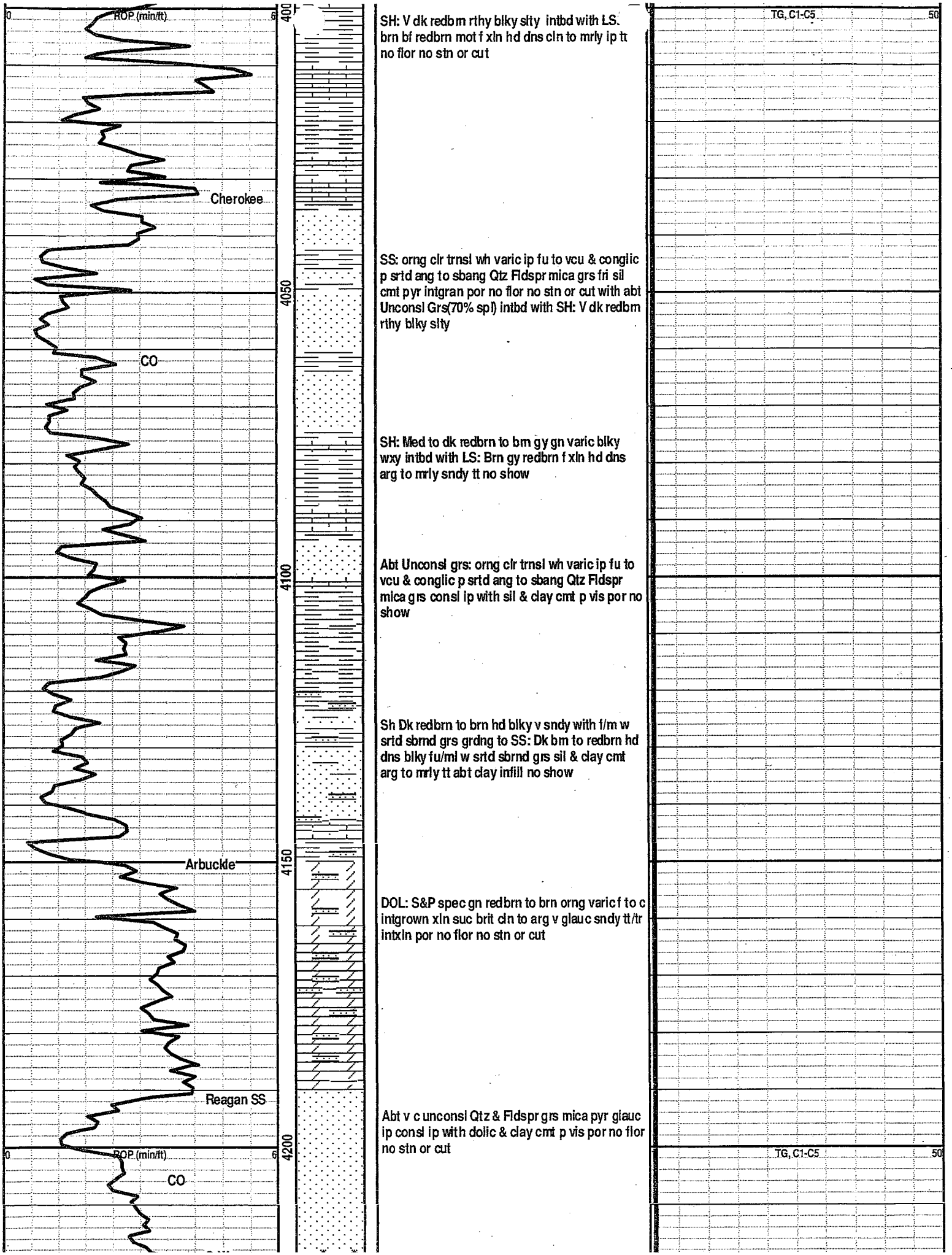
Even
Spotted
Ques
Dead

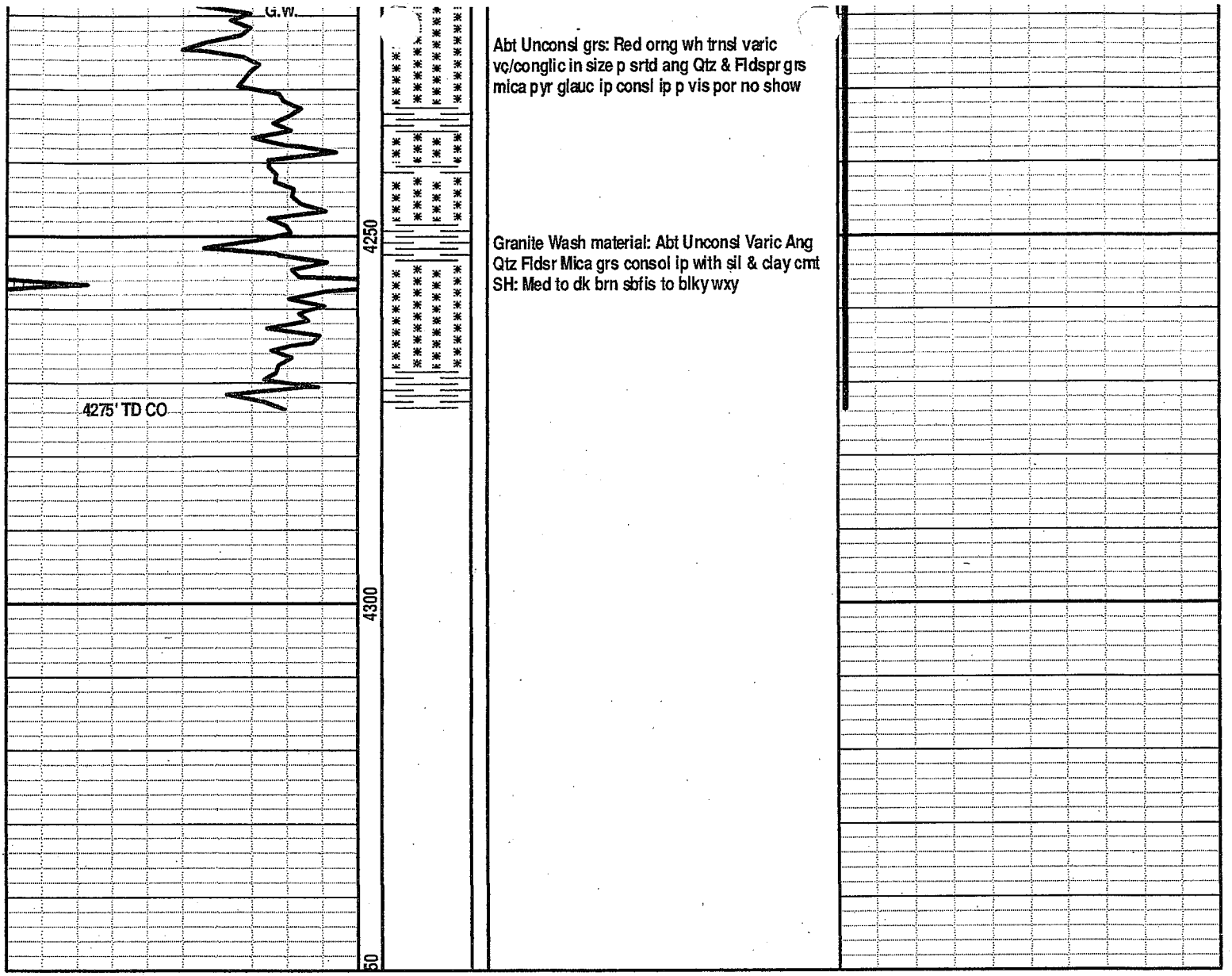


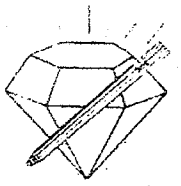

3350
3400
3450
3500
3550
0
ROP (min/ft)
6
Topeka
LS: Med to lt brn to gy dk mot brn crpxln hd dns arg foss tt no show intbd with SH: Redbrn to red gygn to gn dk brn blky rthy wxy to sndy ip with LS: Med brn biomicr foss ool tt
LS: Lt brn bf wh micxln micsuc frm to sft & chlky ip cln foss fr intxln por no flor no stn or cut
SH: Redbrn to red gygn to gn dk brn blky rthy wxy to sndy ip
LS: Med mot brn biomicr f xln hd dns cln foss tt no show occ tr intxln por intbd with SH: Med redbrn to brn sft to blky wxy to amor rthy
LS: Lt to med mot brn redbrn micr f xln sbchky ip v foss & ool sndy tr vis por no show intbd with SH: Redbrn to brn gy to gygn frm blky v sndy ip
LS: Lt brn bf wh micxln micsuc to suc brit cln v sndy foss gd intxln por no flor no stn or cut
SH: Redbrn to brn gy to gygn frm blky v sndy ip
LS: Lt brn wh micxln to c xln suc brit cln foss gd intxln por moldic & vug por no show
LS: Med brn crpxln hd dns sil ip cln foss tt no show
SH: Redbrn to brn gy to gn frm blky wxy to sndy ip intbd with LS: Dk mot brn to gy crpxln hd dns foss carb tt no show
TG, C1-C5
50


Oread
0
ROP (min/ft)
6
3600
DST No. 1
(3590'-3613')
CO
Heebner
3650
Toronto
CO
Lansing
CO
DST No. 2
(3655'-3754')
B
3700
C
CO
3750
CO
D
LS: Med mot brn biomicr crpxln hd dns foss sndy tt no show with LS: Lt to med mot brn to gy occ yel f xln dns cln to arg foss tt no show intbd with SH: Redbrn to brn gy occ gn blky wxy
LS: Lt mot brn to gy wh micxln to c xln ip suc brit cln sbchky ip foss cln occ gd vug por intxln por spty dk brn live o in vugs with dull goldbrn hydc flor exc strmg cut occ intxln por with mtx o stn & live o show in 5% spls
SH: Redbrn to gy gygn occ blk frm sbfis to blky carb ip intbd with LS: Lt brn f xln hd dns cln sndy & ool ip tt no show
LS: Tan lt brn crpxln hd dns sil tt no show
LS: Mot brn oomicr c xln ip suc to brit ool sndy occ exc c vug & oomoldic por with solid blk o stn(gilsonite) occ dk brn live o v dull hydc flor exc strmg cut
LS: Lt brn micxln suc brit cln ool with moldic por intxln por no flor no stn or cut
SH: Redbrn gy to gn occ blk intbd with LS: Brn tan f xln cln sndy ool no flor no stn or cut
LS: Med to dk brn with oil stn mot ip micxln micsuc sndy ool tt/tr inxln por brn mtx o stn dk goldbrn hydc flor(12% spl) exc strmg cut lt live o when crushed
LS: Lt brn tan crp to micxln micsuc ip sbchky ip cln tr intxln & pp vug por lt mot brn o stn & live o when crushed v dull mot hydc flor exc strmg show in up to 15% spls cut CHRT: Gy hd xln intbd with SH: Redbrn gy blky wxy
SH: Redbrn to brn gy blky wxy
LS: Wh lt brn tan crpxln hd dns sil cln foss tt no show
LS: Brn to gy f xln cln ool intpart por occ pp vug por pred hd & tt mot brn o stn & live o(2% spl) gd strmg cut dull mot hydc flor
SH: Redbrn gy to gn mar varic ip rthy blky wxy
LS: Wh lt brn crpxln hd dns sil sbchky ip cln tt no show
DST No. 1 (3590'-3613'), 30-45-45-60
IH 1655 PSI
IF 9 - 64
ISI 1177
FF 66 - 97
FSI 1165
FH 1648
REC: 190' MCW(15% M)
TG, C1-C5
50
DST No. 2 (3655'-3754'), 30-45-45-60
IH 1728
IF 19 - 129
ISI 1198
FF 134 - 232
FSI 1703
FH 1703
Rec: 480' MCW(10% M), no show
Trip Gas


DST No. 3
(3778'-3846')
0
ROP (min/ft)
6
E
F
CO
G
BKC
CO
Pawnee
3800
3850
3900
3950
LS: Brn to gy f xln cln ool intpart por occ pp por pred hd & tt mot brn o stn & live o(2% spl) gd strmg cut dull mot hydc flor
SH: Redbrn gy to gn mar varic ip rthy blky wxy
LS: Lt mot brn gy micxln micsuc brit ip sbchky cln to arg foss ool tr intpart & intxln por pp vug por lt mot brn o stn & live o when crushed(12% spl) spec orng hydc flor gd strmg cut intbd with LS: Wh tan crpxln hd dns sil tt no show
SH: Redbrn gy to gn mar varic ip rthy blky wxy
LS: Med to lt brn mic/crpxln micsuc ip brit cln foss ool occ intpart & tr intxln por mot brn o stn tr live o med orng hydc flor gd cut show in 2% spl with LS: Wh lt brn bf crpxln hd dns sbchky ip cln tt lt mot yel hydc flor with slow bldng cut(4% spl) lt sptty stn
SH: Redbrn gy to gygn frm blky to sbfis wxy intbd with LS: Lt brn tan crpxln hd dns cln sndy p vis por no show with varic SH
LS: Lt brn tan crpxln hd dns cln sndy p vis por no show intbd with SH: Redbrn to brn gy gygn gn varic ip sbfis to blky wxy
LS: Lt brn tan crpxln hd dns cln sndy p vis por no show intbd with SH: Redbrn to brn gy gygn gn varic ip sbfis to blky wxy
LS: Med to lt mot redbrn to brn crpxln hd dns sil cln to arg sndy tt no show
SH: Mot red to orngbrn gy gygn bri gn varic rthy blky wxy to sndy ip intbd with LS: Lt brn bf redbrn mot f xln hd dns cln to mrly ip tt no show
TG, C1-C5
50
DST No. 3 (3778'-3846'), 30-30-30-30
IH 1805
IF 10 - 12
ISI 36
FF 12 - 13
FSI 27
FH 1798
Rec: 2' mud


0
ROP (min/ft)
6
Cherokee
CO
Arbuckle
Reagan SS
0
ROP (min/ft)
6
CO
4000
4050
4100
4150
4200
SH: V dk redbrn rthy blky slty intbd with LS. brn bf redbrn mot f xln hd dns cln to mrly ip tt no flor no stn or cut
SS: orng clr trnsl wh varic ip fu to vcu & conglic p srtd ang to sbang Qtz Fldspr mica grs fri sil cmt pyr intgran por no flor no stn or cut with abt Unconsl Grs(70% spl) intbd with SH: V dk redbrn rthy blky slty
SH: Med to dk redbrn to brn gy gn varic blky wxy intbd with LS: Brn gy redbrn f xln hd dns arg to mrly sndy tt no show
Abt Unconsl grs: orng clr trnsl wh varic ip fu to vcu & conglic p srtd ang to sbang Qtz Fldspr mica grs consl ip with sil & clay cmt p vis por no show
Sh Dk redbrn to brn hd blky v sndy with f/m w srtd sbrnd grs grdng to SS: Dk brn to redbrn hd dns blky fu/ml w srtd sbrnd grs sil & clay cmt arg to mrly tt abt clay infill no show
DOL: S&P spec gn redbrn to brn orng varic f to c intgrown xln suc brit cln to arg v glauc sndy tt/tr intxln por no flor no stn or cut
Abt v c unconsl Qtz & Fldspr grs mica pyr glauc ip consl ip with dolic & clay cmt p vis por no flor no stn or cut
TG, C1-C5
50
TG, C1-C5
50


G.W.
4275' TD CO
4250
4300
50
Abt Unconsl grs: Red orng wh trnsl varic vc/conglic in size p srtd ang Qtz & Fldspr grs mica pyr glauc ip consl ip p vis por no show
Granite Wash material: Abt Unconsl Varic Ang Qtz Fldsr Mica grs consol ip with sil & clay cmt
SH: Med to dk brn sbfis to blky wxy



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

DRILL-STEM TEST TICKET
FILE: Fortin 1-26 DST 1

TIME ON. 22:52
TIME OFF. 6:07

Company Slawson Expl. Co. Inc. Lease & Well No Fortin 1-26

Contractor WW 12 Charge to Slawson

Elevation 2671 KB Formation Oread Effective Pay Ft. Ticket No. W201

Date 8-1-15 Sec 26 Twp 2 S Range 28 W County Decator/Kans State KANSAS

Test Approved By Steve D Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 3590 ft. to 3613 ft. Total Depth 3613 ft.

Packer Depth 3585 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Packer Depth 3590 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3576 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3591 ft. Recorder Number 5587 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 60 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 8.5 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 1000 P.P.M. Drill Pipe Length 3445 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? Yes Reversed Out NO Anchor Length 23 ft. Size 4 1/2-FH in

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

Blow: 1st Open: Built to 5 1/4" No Return

2nd Open: Built to 6 1/2" No Return

Recovered 190 ft. of MCW 15%M 85%W

Recovered 190 ft. of Total Fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of 20 Miles RT

Recovered ft. of

Recovered ft. of

Remarks: Shale packer used

Tool Sample=MCW 25%M 75%W

RW=18,000ppm

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 1:10 A.M. P.M. Time Started Off Bottom 4:10 A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure (A) 1655 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 64 P.S.I.

Initial Closed In Period Minutes 45 (D) 1177 P.S.I.

Final Flow Period Minutes 45 (E) 66 P.S.I. to (F) 97 P.S.I.

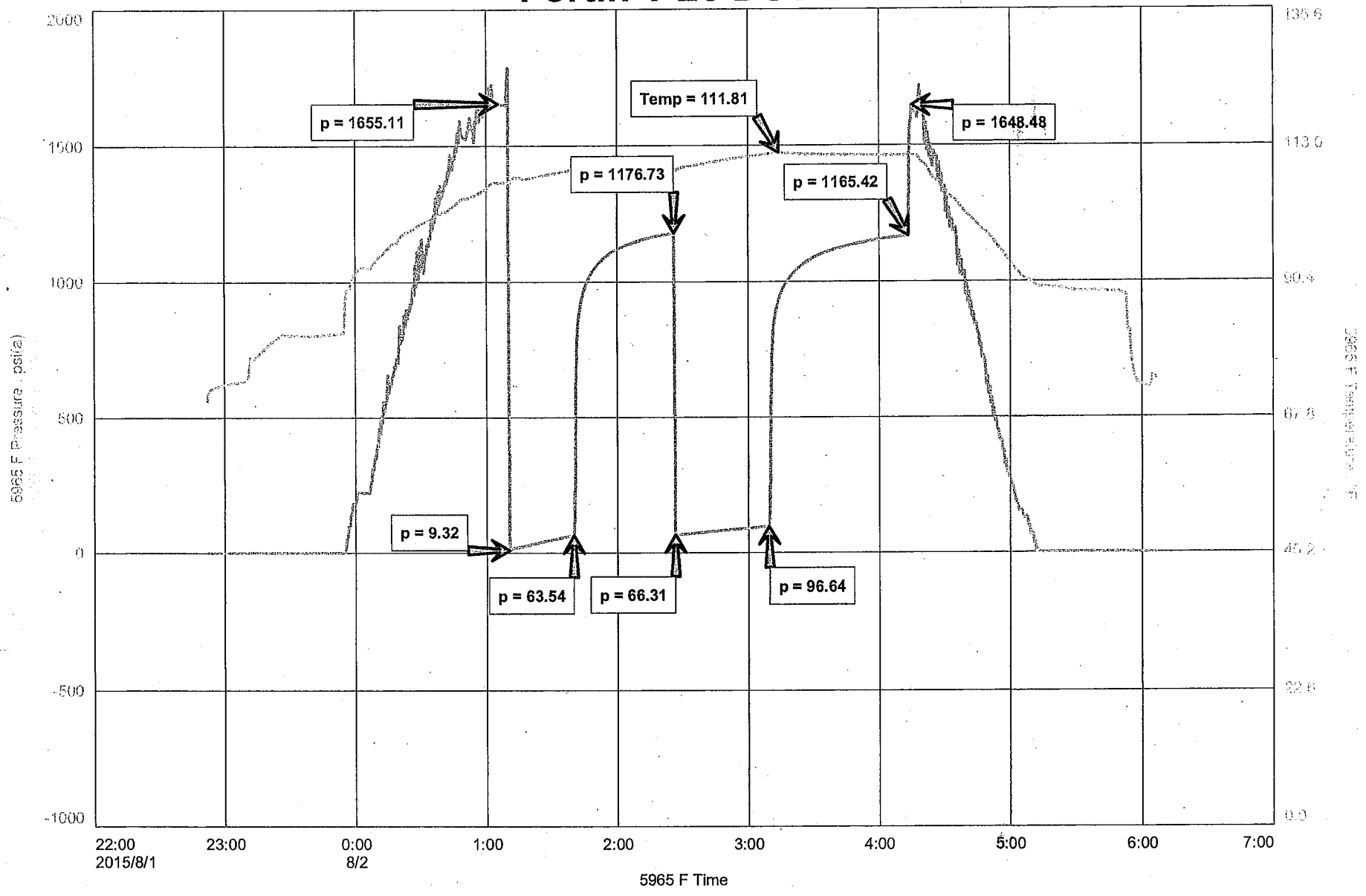
Final Closed In Period Minutes 60 (G) 1165 P.S.I.

Final Hydrostatic Pressure (H) 1648 P.S.I.

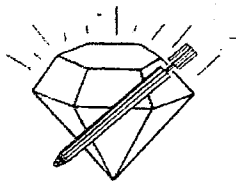
Slawson Expl. Co. Inc.
DST 1 Oread 3590-3613
Start Test Date: 2015/08/01
Final Test Date: 2015/08/02

Fortin 1-26
Formation: Oread
Job Number: W201

Fortin 1-26 DST 1



C:\Users\Diamond\Desktop\KS Archer 21-2 DST 1.FKT 02-Aug-15 Ver



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

DRILL-STEM TEST TICKET
FILE: Fortin 1-26 DST 2

TIME ON: 3:41
TIME OFF: 11:14

Company Slawson Expl. Co. Inc. Lease & Well No. Fortin 1-26

Contractor WW 12 Charge to Slawson

Elevation 2671 KB Formation Lan A,B,C Effective Pay Ft. Ticket No. W202

Date 8-3-15 Sec. 26 Twp. 2 S Range 28 W County Decator/Kans State KANSAS

Test Approved By Peter D Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 3655 ft. to 3754 ft. Total Depth 3754 ft.

Packer Depth 3650 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Packer Depth 3655 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3641 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3656 ft. Recorder Number 5587 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 53 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 8.7 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 1000 P.P.M. Drill Pipe Length 3510 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? Yes Reversed Out NO Anchor Length 99 ft. Size 4 1/2-FH in

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

Blow: 1st Open: Built to 16 min No Return

2nd Open: Built to 25 min No Return

Recovered 480 ft. of MCW 10%M 90%W

Recovered 480 ft. of Total Fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of 20 Miles RT

Recovered ft. of

Remarks: Shale packer used X2

Tool Sample=MCW 20%M 80%W

RW=22,000ppm

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 5:55 A.M. P.M. Time Started Off Bottom 8:55 A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure ..... (A) 1728 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 19 P.S.I. to (C) 129 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1198 P.S.I.

Final Flow Period ..... Minutes 45 (E) 134 P.S.I. to (F) 232 P.S.I.

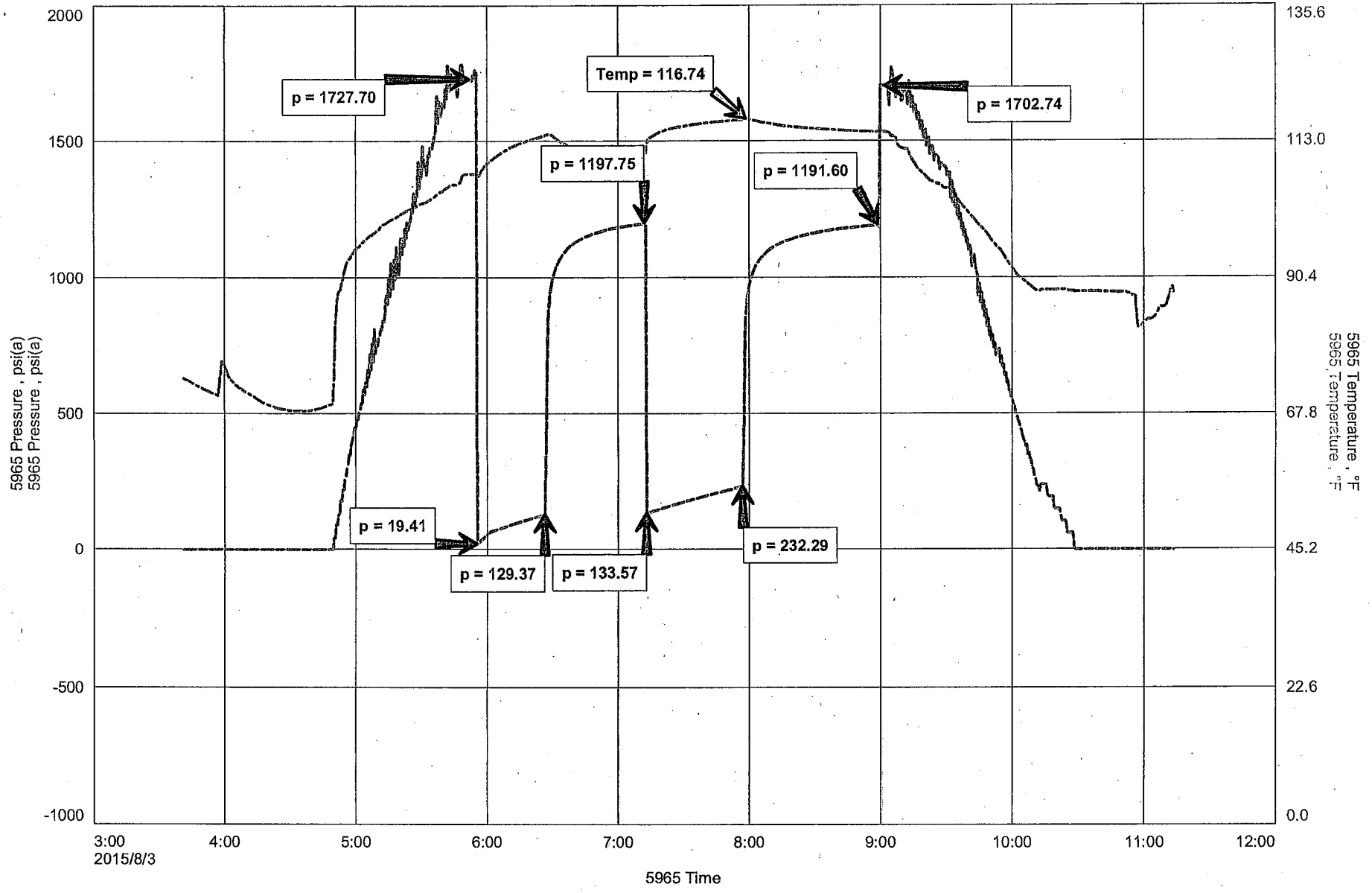
Final Closed In Period ..... Minutes 60 (G) 1192 P.S.I.

Final Hydrostatic Pressure ..... (H) 1703 P.S.I.

Slawson Expl. Co. Inc.
DST 2 Lan A,B,C 3655-3754
Start Test Date: 2015/08/03
Final Test Date: 2015/08/03

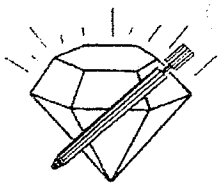
Fortin 1-26
Formation: Lan A,B,C
Job Number: W202

Fortin 1-26 DST 2



C:\Users\Diamond\Desktop\FORTIN 1-26 DST 2 FKT 03-Aug-15.Ver

Fast



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Fortin 1-26 DST 3

TIME ON: 00:10
TIME OFF: 5:55

Company Slawson Expl. Co. Inc. Lease & Well No. Fortin 1-26

Contractor WW 12 Charge to Slawson

Elevation 2671 KB Formation Lan I&J Effective Pay Ft. Ticket No. W203

Date 8-4-15 Sec. 26 Twp. 2 S Range 28 W County Decator/Kans State KANSAS

Test Approved By Peter D Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3778 ft. to 3846 ft. Total Depth 3846 ft.

Packer Depth 3773 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Packer Depth 3778 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3764 ft. Recorder Number 5965 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3779 ft. Recorder Number 5587 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 2000 P.P.M. Drill Pipe Length 3633 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? No Reversed Out NO Anchor Length 68 ft. Size 4 1/2-FH in

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

Blow: 1st Open: Weak surface blow No Return

2nd Open: No Blow No Return

Recovered 2 ft. of Mud

Recovered 2 ft. of Total Fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of 20 Miles RT

Recovered ft. of

Remarks: Shale packer used X2

Tool Sample=Mud

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 1:57 A.M. P.M. Time Started Off Bottom 3:57 A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure ..... (A) 1805 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 10 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 36 P.S.I.

Final Flow Period ..... Minutes 30 (E) 12 P.S.I. to (F) 13 P.S.I.

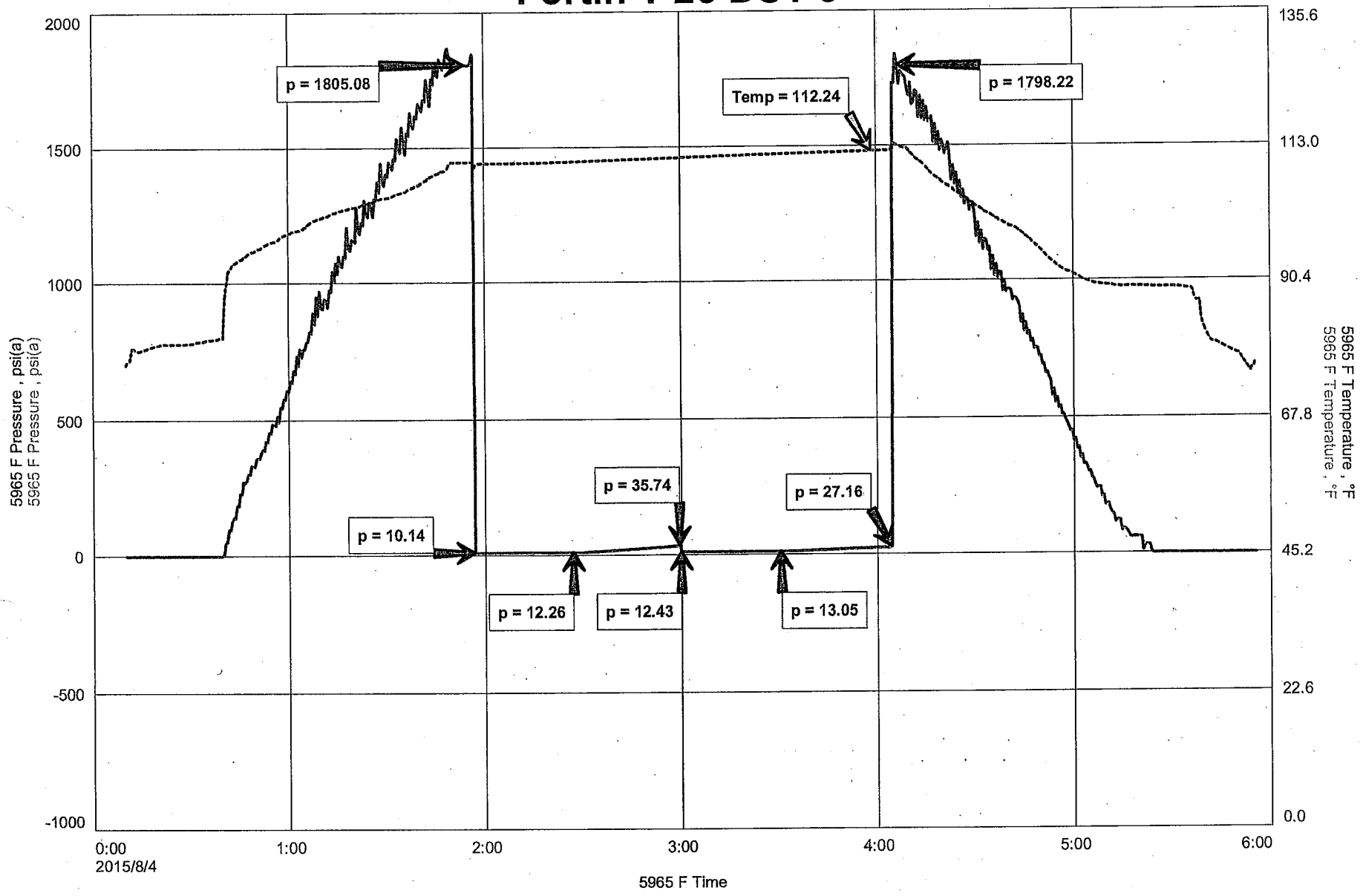
Final Closed In Period ..... Minutes 30 (G) 27 P.S.I.

Final Hydrostatic Pressure ..... (H) 1798 P.S.I.

Slawson Expl. Co. Inc.
DST 3 Lan I&J 3778-3846
Start Test Date: 2015/08/04
Final Test Date: 2015/08/04

Fortin 1-26
Formation: Lan I&J
Job Number: W203

Fortin 1-26 DST 3



Fast

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067832

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley KS

DATE 8-6-15	SEC. 26	TWP. 2	RANGE 28	CALLED OUT	ON LOCATION 2:30 a.m.	JOB START 6:00 a.m.	JOB FINISH 7:00 a.m.
LEASE Fortin	WELL # 1-26		LOCATION Oberlin, 10E, 1½N, W into			COUNTY Decatur	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR WW 12
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 4500
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 4158'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Paul Beaver
HELPER Braidon W. Winsor
BULK TRUCK # 391 DRIVER Cory Brown
BULK TRUCK #
DRIVER

CEMENT

AMOUNT ORDERED 390 sks 60/40 4% gel ¼# Flo-seal

COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
60/40/4	390 sks	@ 18.92	5486.80
Flo-seal	73 #	@ 2.97	216.81
		@	
		@	
		@	
		@	
		@	
		@	
		TOTAL	5,703.61
		DISCOUNT 45%	256.63

REMARKS:

Mix 50sks @ 4158', displace w/ mud
mix 50sks @ 2365', Displace w/ mud
mix 100sks @ 1560', Displace w/ water
mix 50sks @ 400'
mix 10sks @ 40' w/ plug
mix 30sks in RH

Thank You!
Paul & Crew

SERVICE

HANDLING	311.50 ft³	@ 2.48	772.52
MILEAGE	13 tons x 50mi x	2.75	1787.50
DEPTH OF JOB	4158'		
PUMP TRUCK CHARGE			2810.84
EXTRA FOOTAGE		@	
HV MILEAGE	50	@ 7.70	385.00
LV MILEAGE	50	@ 4.40	220.00
		@	
		@	
		TOTAL	5,975.86
		DISCOUNT 45%	2689.13

CHARGE TO: Slawson
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8 Wooden Plug @ 110.00
@
@
@
@
TOTAL 110.00
DISCOUNT 0% 0

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Calvin Hammerstrom

SIGNATURE

SALES TAX (If Any)
TOTAL CHARGES 11,789.47
DISCOUNT 5,255.76 (45%) IF PAID IN 30 DAYS
NET TOTAL 6,533.70 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067783

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley Ks

DATE 7/29/15	SEC. 26	TWP. 2	RANGE 28	CALLED OUT	ON LOCATION	JOB START 6:00pm	JOB FINISH 8:00 pm
LEASE Fortin	WELL # 1-26	LOCATION Oberlin 6 E 2 N				COUNTY Decatur	STATE Ks
OLD OR NEW (Circle one)							

CONTRACTOR WW 12
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 348
CASING SIZE 8 5/8 DEPTH 348
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 21

OWNER Same

CEMENT

AMOUNT ORDERED 190 sk Com 3% CC 2% gel

		@	
COMMON	190 sk	@ 17.90	3401.00
POZMIX		@	
GEL	358 lb	@ .50	179.00
CHLORIDE	536 lb	@ 1.10	589.60
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	

TOTAL 4,169.60
DISCOUNT 45% 1876.32

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan
495281 HELPER Kevin Ryan
BULK TRUCK
833 DRIVER Wayne McGlughry
BULK TRUCK
DRIVER

REMARKS:

Rig up, Circulate, mix Cement, Displace Cement, Shut in
Cement Did Circulate

Thank You
Alan, Kevin, Wayne

CHARGE TO: Johnson
STREET
CITY STATE ZIP

SERVICE

		@	
HANDLING	207 CF	@ 2.48	513.36
MILEAGE 2.35 ton/mile			1089.25
DEPTH OF JOB			348 FT
PUMP TRUCK CHARGE			1512.25
EXTRA FOOTAGE		@	
HV MILEAGE	50 miles	@	385.00
LV MILEAGE	50 miles	@	200
		@	
		@	

TOTAL 3,920.36
DISCOUNT 45% 1764.16

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	@	

TOTAL
DISCOUNT %

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Calvin Pfannenstiel

SIGNATURE [signature]

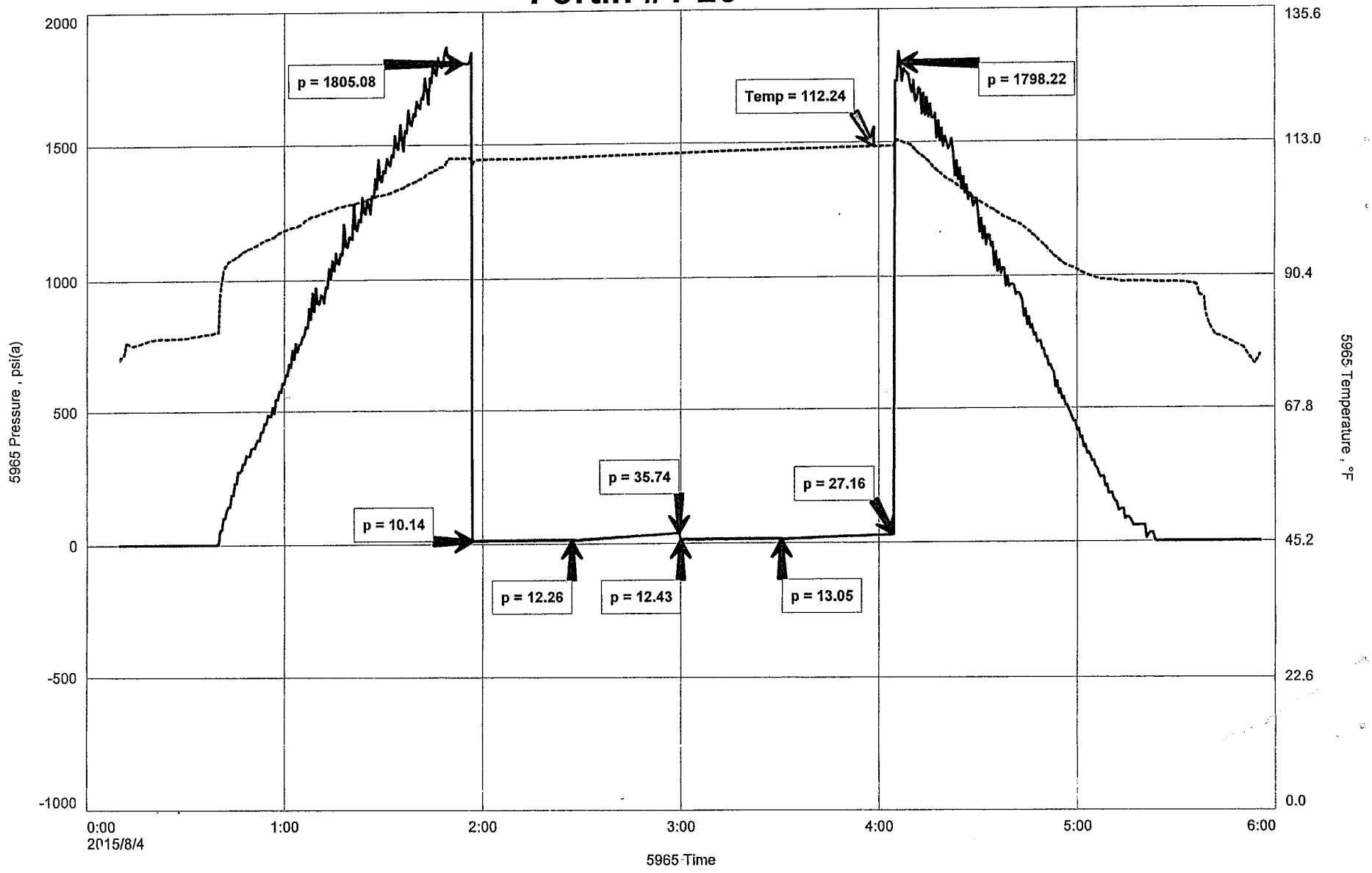
SALES TAX (If Any)
TOTAL CHARGES 8,089.96
DISCOUNT 3,640.48 (45%) IF PAID IN 30 DAYS
NET TOTAL 4,449.47 IF PAID IN 30 DAYS

Bid

Slawson Exploration Company, Inc
DST 3 Lan "I&J" 3778-3846
Start Test Date: 2015/08/04
Final Test Date: 2015/08/04

Fortin #1-26
Formation: Lan "I&J"
Pool: Wildcat
Job Number: W203

Fortin #1-26



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
Fortin1-26DST3

Company Slawson Exploration Company, Inc. Lease & Well No. Fortin No. 1-26

Elevation 2671 KB Formation Lansing "I" & "J" Effective Pay -- Ft. Ticket No. W203

Date 8-4-15 Sec. 26 Twp. 2S Range 28W County Decatur State Kansas

Test Approved By Patrick J. Deenihan Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3,778 ft. to 3,846 ft. Total Depth 3,846 ft

Packer Depth 3,773 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,778 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,764 ft. Recorder Number 5965 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,779 ft. Recorder Number 5587 Cap. 5,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor WW Drilling, LLC - Rig 12

Mud Type Chemical Viscosity 50

Weight 9.1 Water Loss 8.0 cc.

Chlorides 2,000 P.P.M.

Jars: Make Sterling Serial Number 7

Did Well Flow? No Reversed Out No

Drill Collar Length 120 ft I.D. 2 1/4 in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,633 ft I.D. 3 1/2 in.

Test Tool Length 25 ft Tool Size 3 1/2-IF in.

Anchor Length 68 ft. Size 4 1/2-FH in.

Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 2 ft. of mud = .009840 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: Mud

Time Set Packer(s) 1:57 A.M. Time Started off Bottom 3:57 A.M. Maximum Temperature 112°

Initial Hydrostatic Pressure.....(A) 1805 P.S.I.

Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 36 P.S.I.

Final Flow Period.....Minutes 30 (E) 12 P.S.I to (F) 13 P.S.I.

Final Closed In Period.....Minutes 30 (G) 27 P.S.I.

Final Hydrostatic Pressure.....(H) 1798 P.S.I.

Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Slawson Exploration Company, Inc		
Contact	Steve Slawson	Job Number	W203
Well Name	Fortin #1-26	Representative	Wilbur Steinbeck
Unique Well ID	DST 3 Lan" I&J" 3778-3846	Well Operator	Slawson Exploration Company, Inc
Surface Location	26-2s-28w Decatur/Kan	Report Date	2015/08/04
Field	Wildcat	Prepared By	Wilbur Steinbeck
		Qualified By	Patrick Deenihan

Test Information

Test Type	Conventional
Formation	Lan "I&J"
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/08/04	Start Test Time	00:10:00
Final Test Date	2015/08/04	Final Test Time	05:55:00

Test Recovery

Recovery: 2' Mud

Tool Sample: Mud