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'

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

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, Biocist, 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

STRINGER
Anhy, Arg, Bent, Coal, Dol, Gyp, Ls, Mrst, Sltstrg, Ssstrg

TEXTURE
Boundst, Chalky, Cryxln, Earthy, Finexln, Grainst, Lithogr, Microxln, Mudst, Packst, Wackest

OTHER SYMBOLS

INTERVALS
Core, Dst

EVENTS
Rft, Sidewall

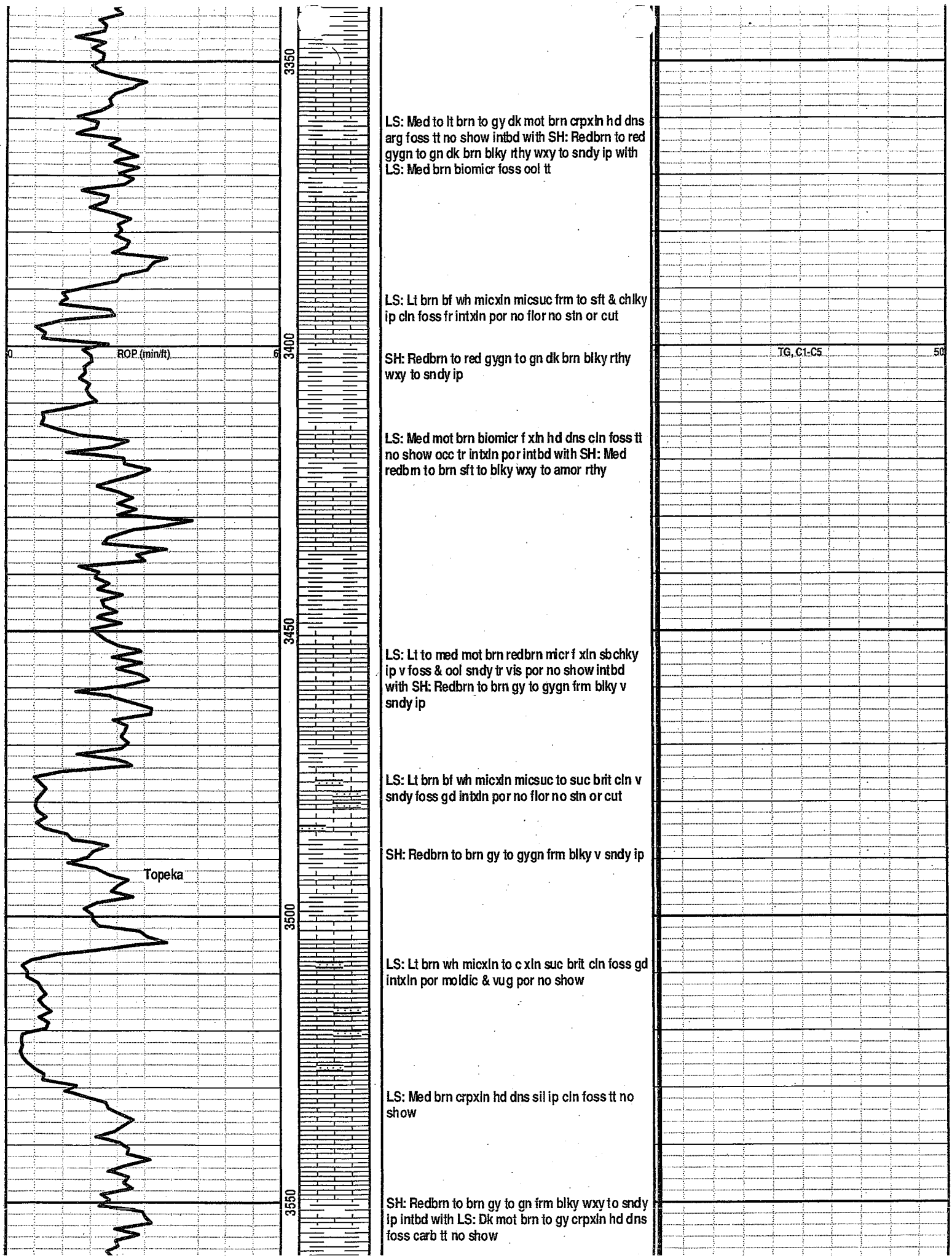
POROSITY TYPE
Earthy, Fenest, Fracture, Inter, Moldic, Organic, Pinpoint, Vuggy

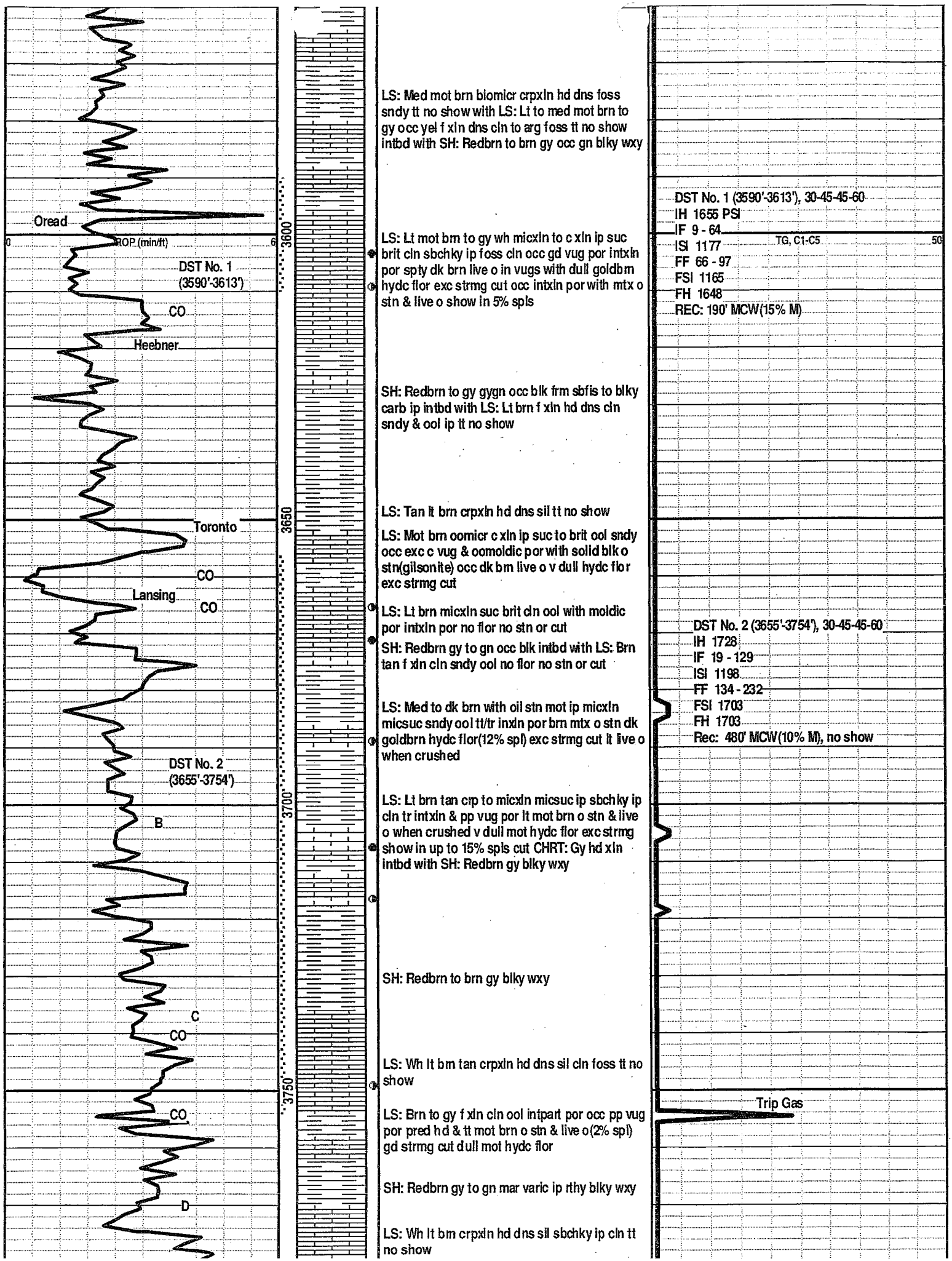
SORTING
Well, Moderate, Poor

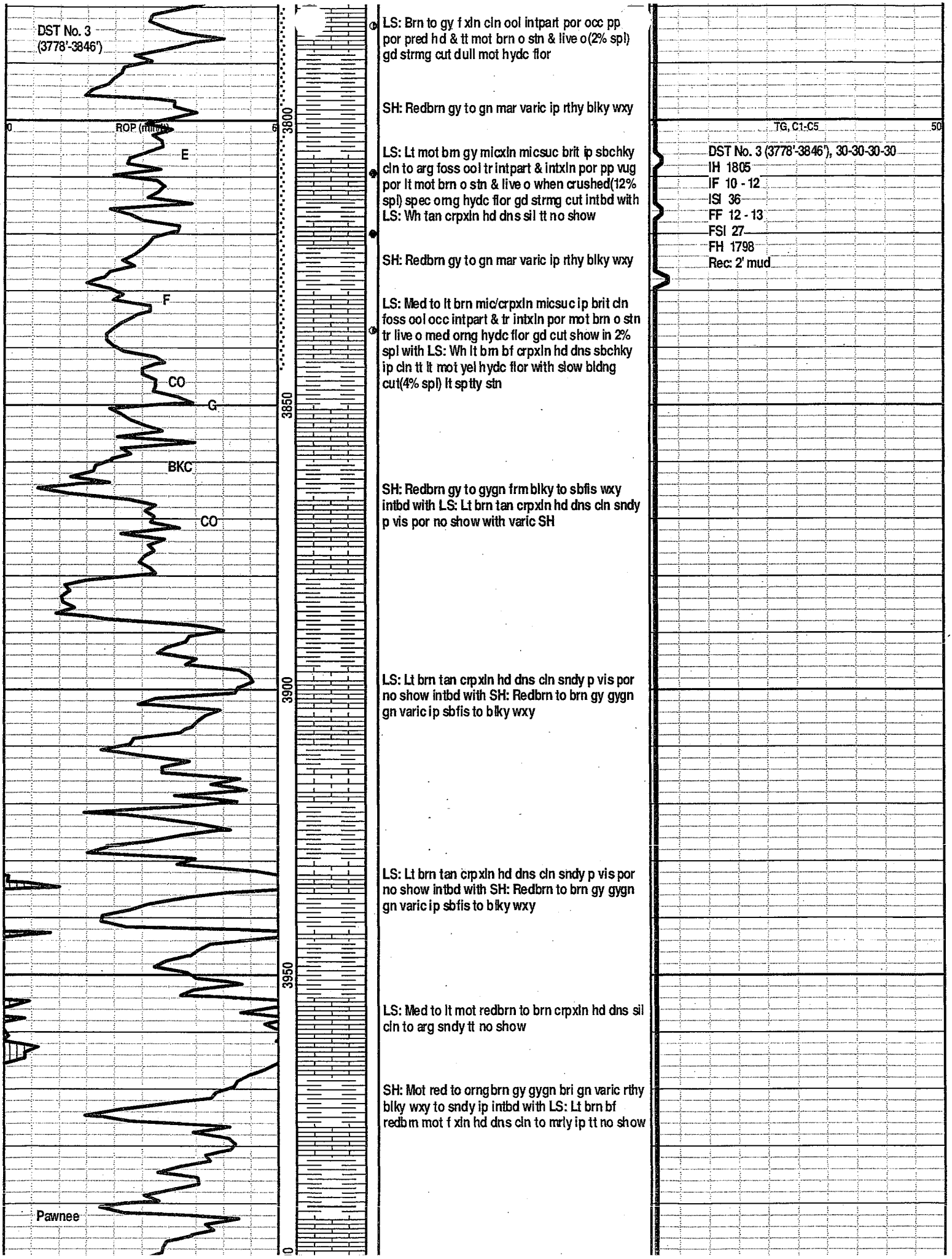
ROUNDING
Rounded, Subrnd, Subang, Angular

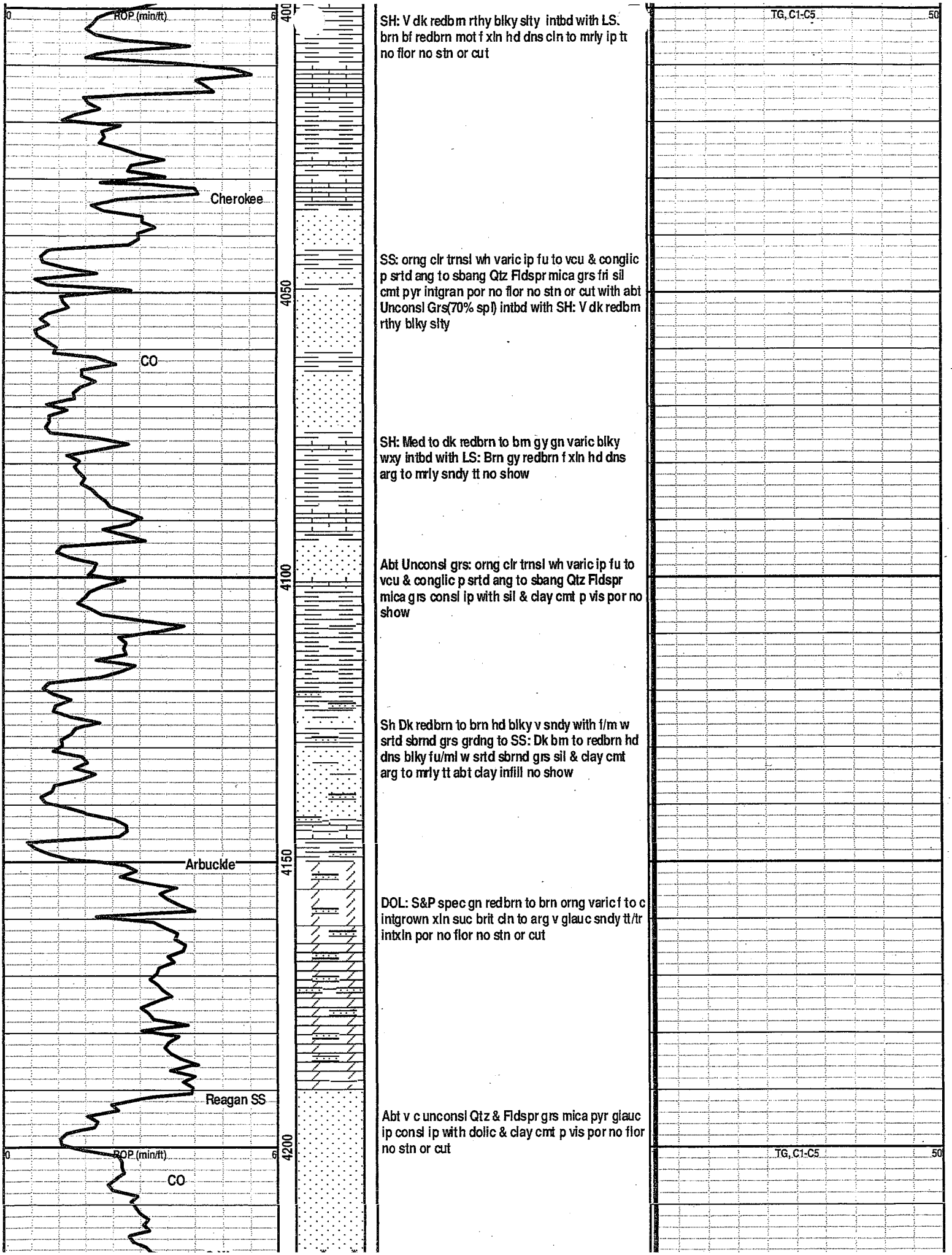
OIL SHOWS
Even, Spotted, Ques, Dead

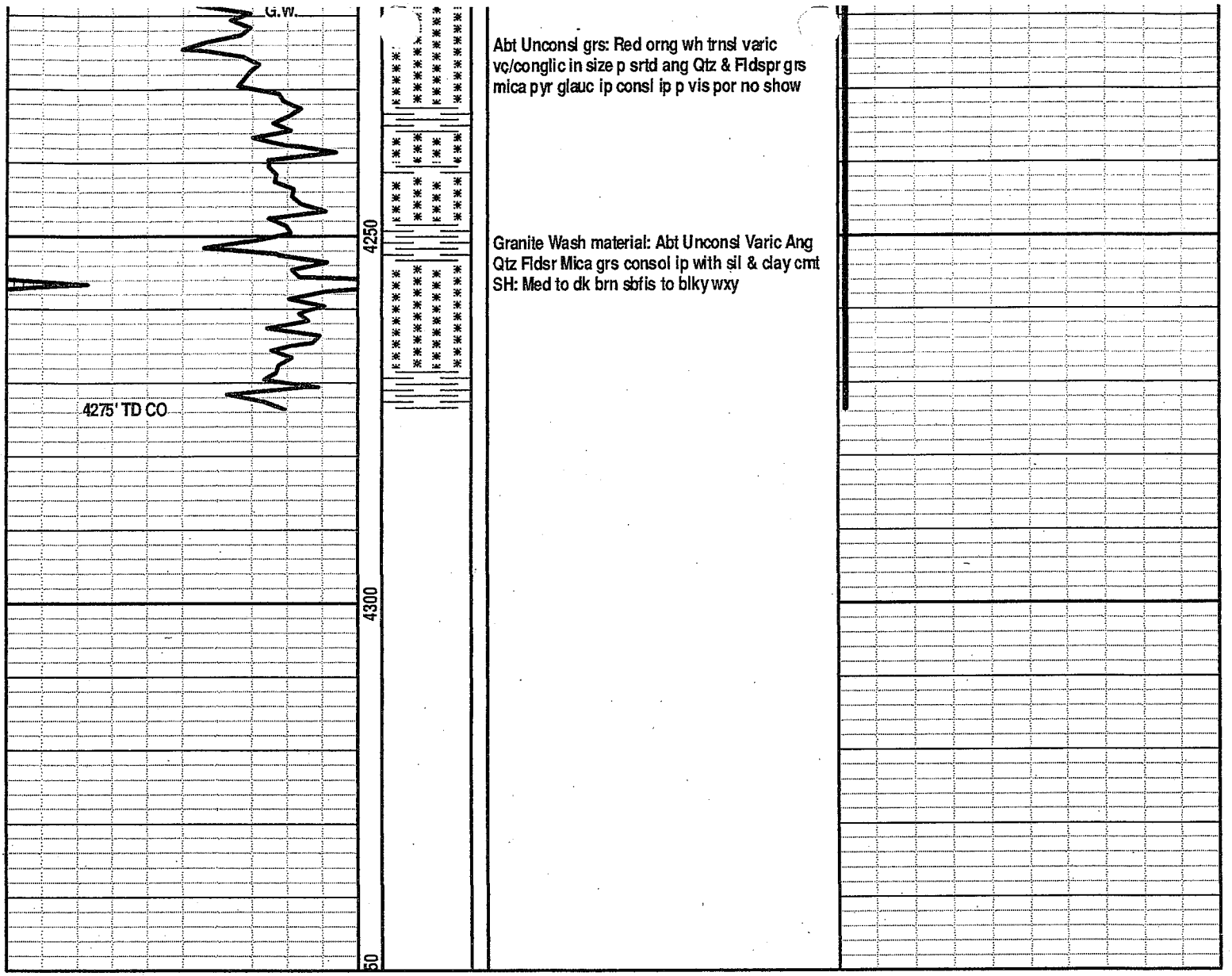
Curve Track 1	Depth	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5
ROP (min/ft)					TG (units), C1 (units), C2 (units), C3 (units), C4 (units), C5 (units)
0 ROP (min/ft) 6	33			SH: Gy to gygn redbrn to med brn occ gygn occ blk blky sndy ip intbd with LS: Med brn to gy redbrn micr f xln hd dns micsuc ip cln to mrly foss carb sndy pred tt no flor no stn or cut	1 TG, C1-C5 50

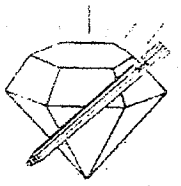

3350
3400
3450
3500
3550
0
ROP (min/ft)
6
Topeka
LS: Med to lt brn to gy dk mot brn crpxln hd dns arg foss tt no show intbd with SH: Redbrn to red gygn to gn dk brn blky rthy wxy to sndy ip with LS: Med brn biomicr foss ool tt
LS: Lt brn bf wh micxln micsuc frm to sft & chlky ip cln foss fr intxln por 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 orng brn 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
4000
Cherokee
4050
CO
4100
Arbuckle
4150
Reagan SS
4200
0
ROP (min/ft)
6
CO
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.

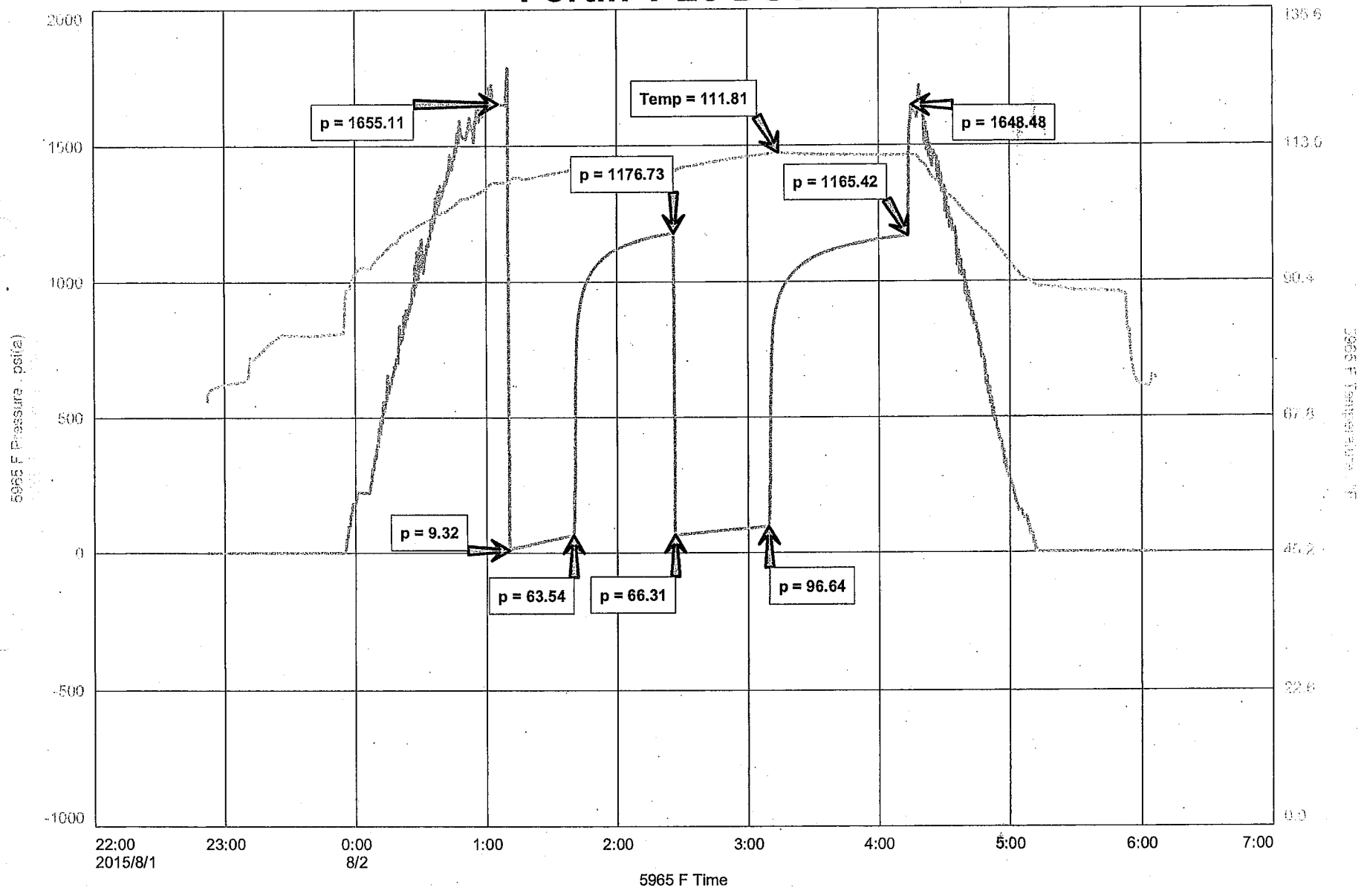
Final Closed In Period Minutes 60 (G) 1165 P.S.I.

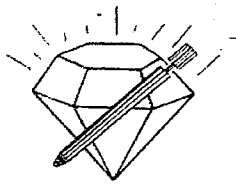
Final Hydrostatic Pressure (H) 1648 P.S.I.

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





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.

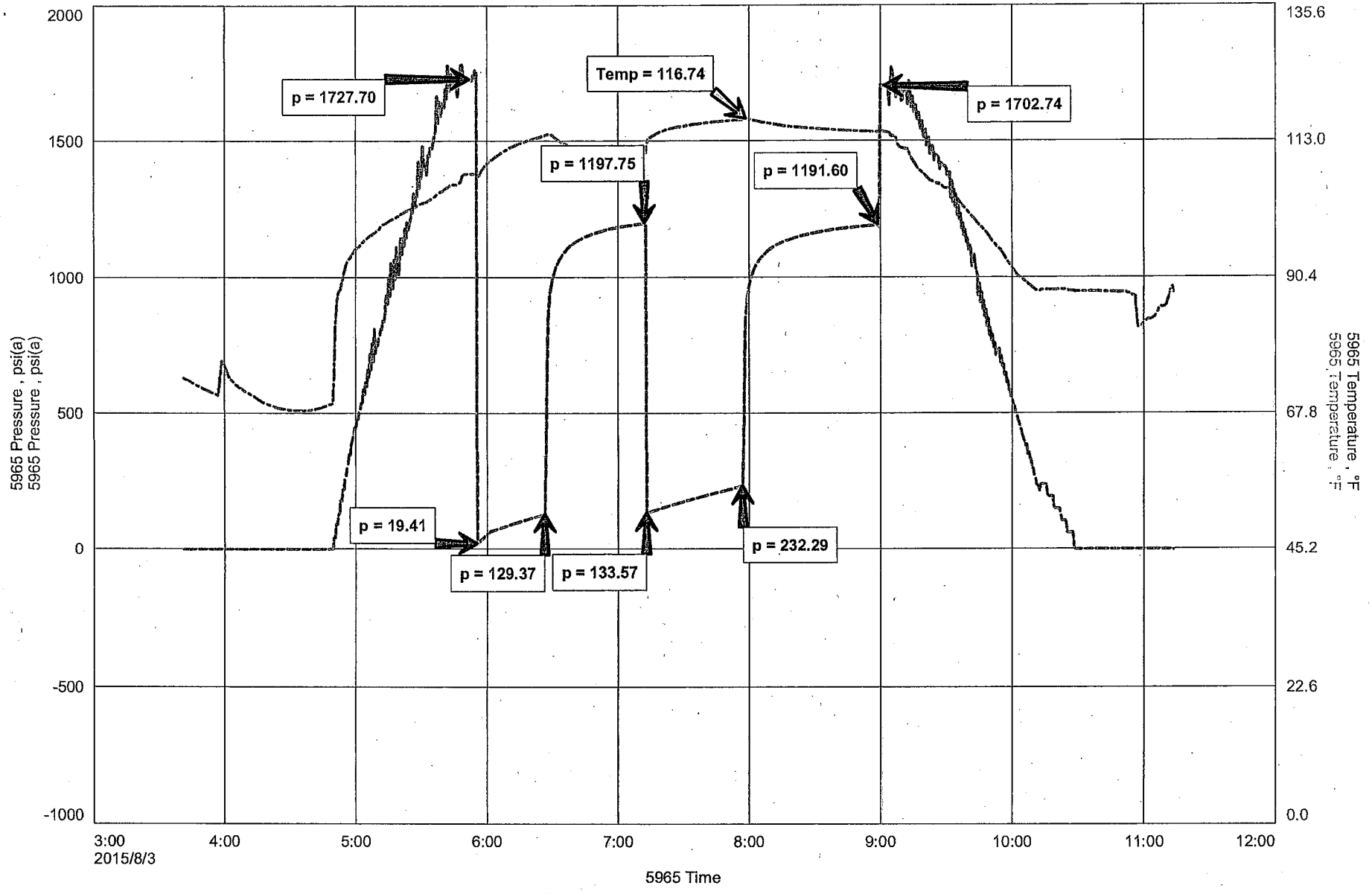
Final Closed In Period ..... Minutes 60 (G) 1192 P.S.I.

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

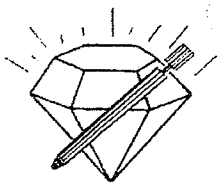
Fortin 1-26
Formation: Lan A,B,C
Job Number: W202

Fortin 1-26 DST 2



C:\Users\Diamond\Desktop\FORTIN 1-26 DST 2 EKT 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.

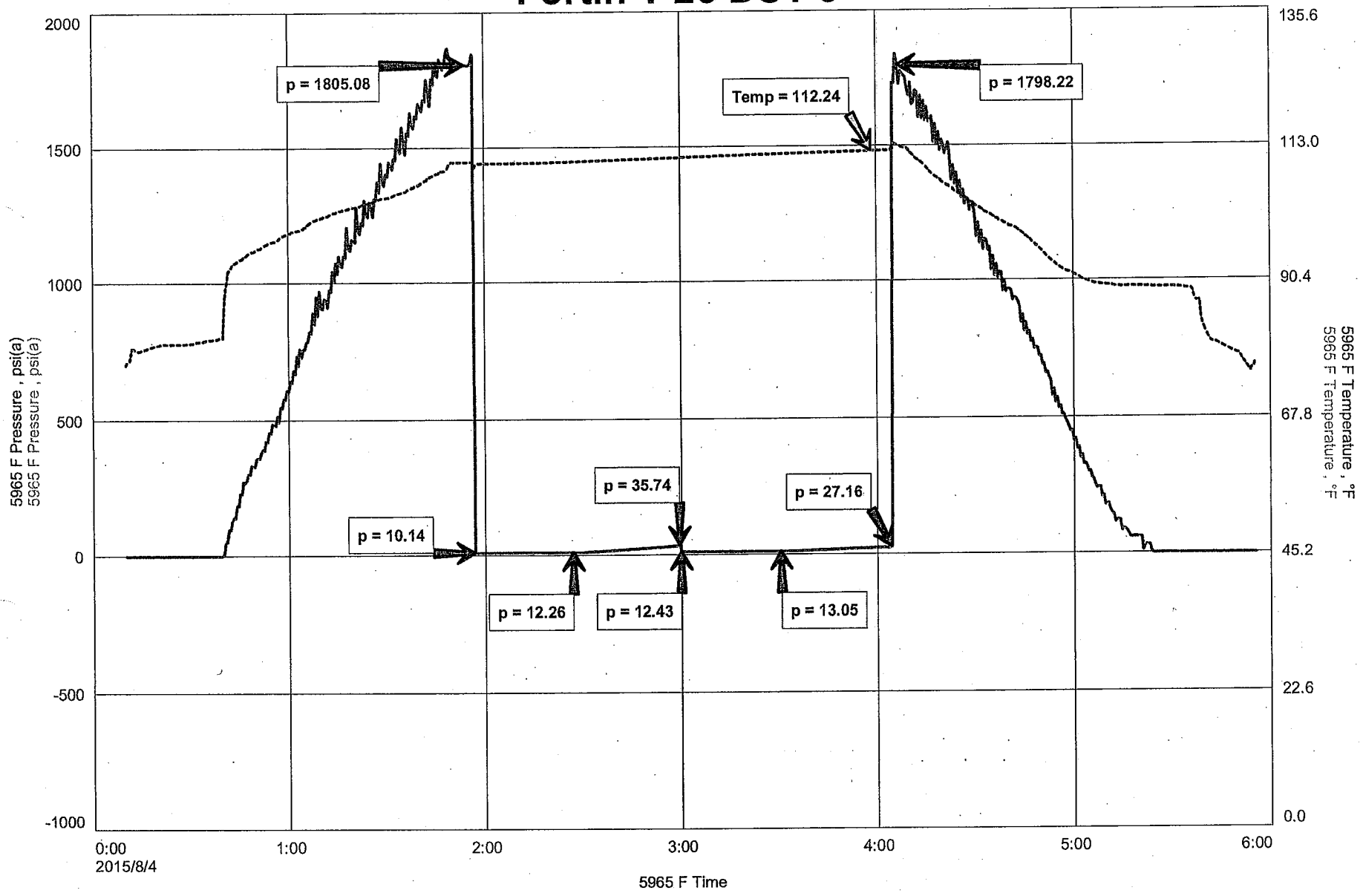
Final Closed In Period ..... Minutes 30 (G) 27 P.S.I.

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