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GEOLOGIST'S REPORT

COMPANY <u>NORSTAR PETROLEUM, INC.</u>		API: <u>15-193-20794</u>
LEASE <u>CURTIS #1-24</u>		ELEVATIONS
FIELD <u>WILDCAT</u>		KB <u>3247</u> FEET
LOCATION <u>1712'FNL & 1290'FEL</u>		DP <u>3245</u> FEET
SECTION <u>24</u> TOWNSHIP <u>10S</u> RANGE <u>35W</u>		GL <u>3242</u> FEET
COUNTY <u>THOMAS</u> STATE <u>KANSAS</u>		MEASUREMENTS ARE ALL FROM: <u>KB</u>
CONTRACTOR <u>MALLARD DRILLING CO.</u>		CASING
COMMENCED DRILLING <u>APRIL 19, 2011</u>		<u>8-5/8"23# @ 260'</u>
COMPLETED DRILLING <u>APRIL 29, 2011</u>		<u>4-1/2" CSG SET</u>
RTD <u>4870</u> FEET LTD <u>4870</u> FEET		ELECTRICAL SURVEYS
MUD UP AT <u>3691</u> FEET MUD TYPE <u>CHEM</u>		<u>D/N/PE SUITE</u>
		<u>IND SUITE</u>
		<u>SONIC, MICRO</u>
SAMPLES SAVED FROM <u>3900</u> FEET TO <u>4870</u> FEET		
DRILLING TIME KEPT FROM <u>3800</u> FEET TO <u>4870</u> FEET		
SAMPLES EXAMINED FROM <u>3900</u> FEET TO <u>4870</u> FEET		
GEOLOGICAL SUPERVISION FROM <u>3800</u> FEET TO <u>4870</u> FEET		
NOTES: PLEASE NOTE ADDITIONAL DRILLING AND GEOLOGICAL INFORMATION ON THE FOLLOWING "HEADER" PAGES.		

REMARKS: Based on sample observations, drill stem test results, electric log evaluation, it was the decision of the Operator to set production casing in the "Curtis @ 1224' on April 29, 2011

Respectfully submitted,
M. Bradford Bine

M. Bradford Bine, Jr. #204
04/29/11

DAILY PENETRATION

DATE	DEPTH
04-18-11	1187 0'
04-19-11	RM, Spud 0'
04-20-11	D19 528'
04-21-11	D19 2296'
04-22-11	D19 3288'
04-23-11	D19 3921'
04-24-11	T&H 4145'
04-25-11	T&H 4255'
04-26-11	Q&D DST 4 4380'
04-27-11	D19 4598'
04-28-11	D19 4788'

HIT RECORD

NUMBER	SIZE	NAME	TYPE	DEPTH (FT)	FEET	INCHES
1	12 1/4"	Smith RM		260	260	N.A.
2	7 1/8"	Smith EST		4870	4410	109

Sulf Log: C.I.R. 888-234, @ 260' (SOS) cement/lister
Cement, 28 gal - 3 1/2 cc. C.O.C.

Surveys:

1/2"	260'		
1 3/4"	4145'		
1 1/4"	4380'		
3/4"	4870'		

GENERAL INFORMATION

Rigs: M/Kard #2
Pumps: Erasco D-395 6x14
Drawworks: BDM
Collars: 526' 2 1/4 ID
Drillpipe: 4 1/2" N.L. #24
Tool joints: Lauer Wilson
Mud: Andy's (no service)
Gas Detector: Kears
DST's: Triladite (Shane McBride)
L-logs: Superior (Jeff Greenawald)
Waher: well at Mullin Kahan house (SW 18)
Co-Repres: Africa (Bob Mider)
Field: (Dave Paddy)

FORMATION TOPS

	SAMPLE TOPS	ELECTRIC LOG TOPS	SUBSEA DATUM	STRUCT. REF.
ANHYDRITE	2942	2741	+1506	+15
B/ANHYDRITE	2771	2769	+1478	+16
TOPEKA	3957	3956	-709	+20
HEBNER SH.	4111	4110	-863	+17
TORONTO	4131	4130	-883	+25
LANSING	4151	4150	-903	+20
MUNCIE CREEK SH	4301	4299	-1052	+13
STARK SH.	4384	4381	-1134	+14
B/KANSAS CITY	4443	4441	-1194	+10
MARATHON	4500	4486	-1239	+22
ALTA MONT	4544	4543	-1296	+14
PAWNEE	4582	4577	-1330	+18
FT SCOTT	4605	4607	-1360	+17
CHESTER SH	4622	4627	-1380	+16
JOHNSON	4711	4710	-1463	+15
MORROW	4756	4734	-1507	+16
MISSISSIPPI	4798	4797	-1550	+29
TOTAL DEPTH	4870	4870	-1623	-

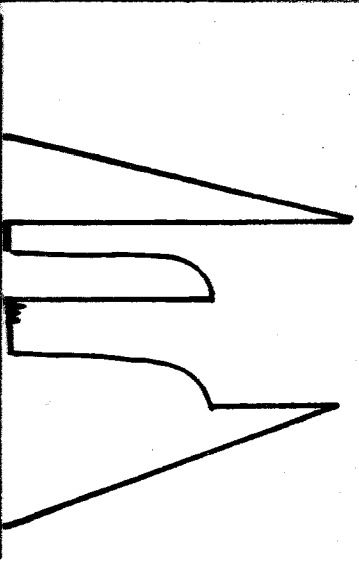
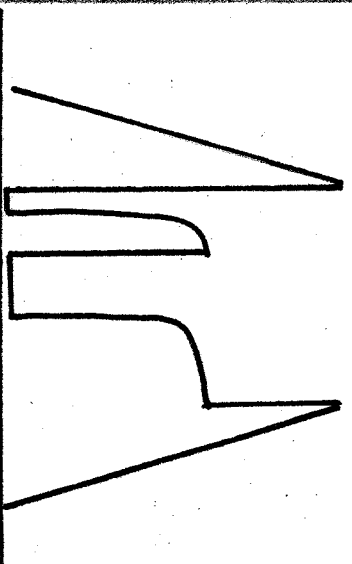
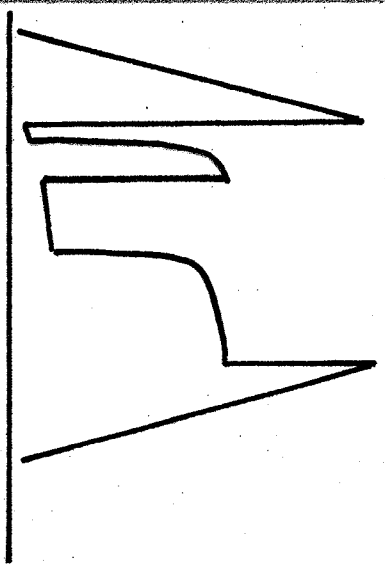
REFERENCE WELL: Mullin "Field #410" See Refs. 34m

EST # 1 INTERVAL: 4108-4145
FORMATION: Toronto
TIMES: 15-30-40-90
INITIAL BLOW: Fr. built to 8 1/2" b.
FINAL BLOW: 54- b. b. 41 min
IRP 2017 RFP 1928
IRP 25-40 RFP 148-215
IRIP 1198 RSP 1200
TEMPERATURE: 120°F
REC: 440' Total Fluid w/br mud
Fo. mass: 305 40% 40% 30%
360' smud: - 45% 50% 05%

(Back Thd o. l.)

EST # 2 INTERVAL: 4117-4196
FORMATION: 159 B
TIMES: 15-30-45-60
INITIAL BLOW: wd. built to 2 1/2" b.
FINAL BLOW: wd. built to 2 3/4" b.
IRP 2046 RFP 1999
IRP 18-34 RFP 40-85
IRIP 1250 RSP 1235
TEMPERATURE: 119°
REC: 150' new fail spot: wd. built 40' mud

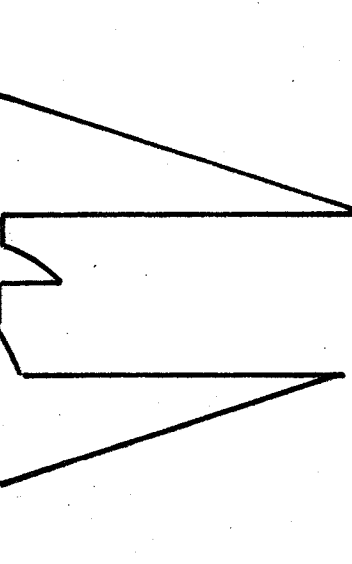
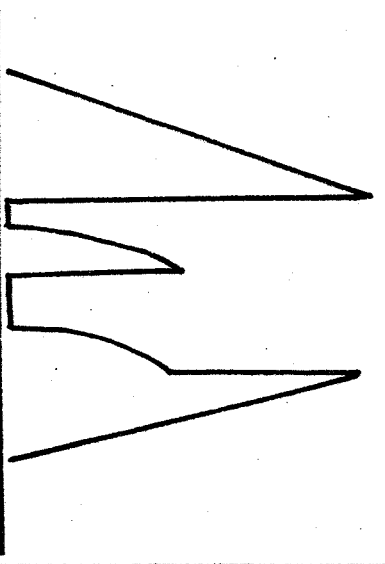
Call mud 800 ppm Output 38,000 ppm
EST # 3 INTERVAL: 4227-4255
FORMATION: 159 E & F
TIMES: 15-30-30-30
INITIAL BLOW: wd. built to 1 1/2" d. tied to 8"
FINAL BLOW: None
IRP 2046 RFP 1978
IRP 34-40 RFP 43-51
IRIP 1254 RSP 1227
TEMPERATURE: 114°F
REC: 60' mud / oil spots in hole
some cuttings in hole, some plugging
on 2nd F.P.



EST # 4 INTERVAL: 4295-4380
FORMATION: LWC #1, J
TIMES: 15-30-30-30
INITIAL BLOW: wd. built to 4 1/2" tied to surf.
FINAL BLOW: None
IRP 2143 RFP 2108
IRP 23-27 RFP 30-34
IRIP 409 RSP 915
TEMPERATURE: 113°F
REC: 10' mud / oil spots

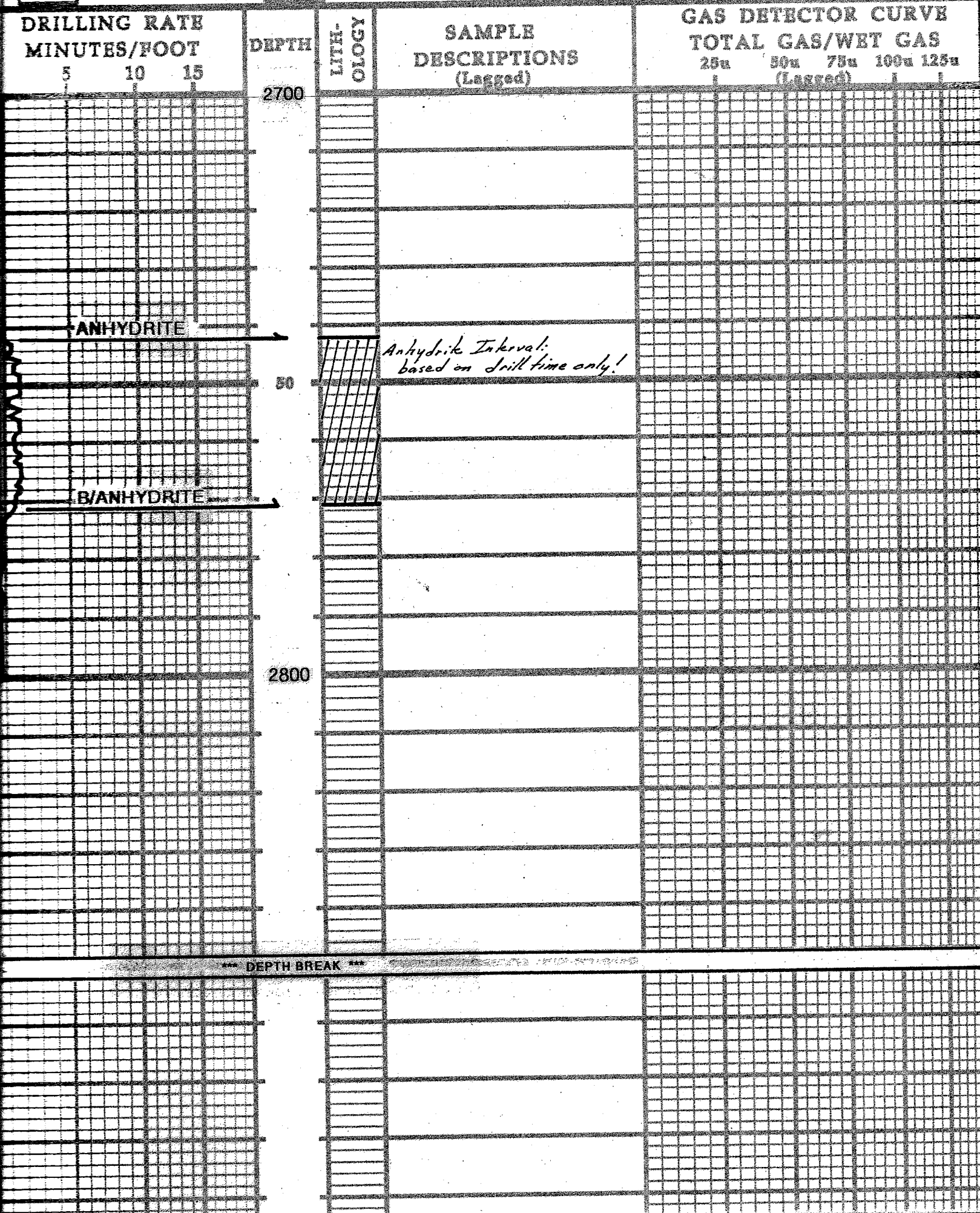
EST # 5 INTERVAL: 4457-4744
FORMATION: Johnson
TIMES: 15-30-30-30
INITIAL BLOW: wd. d. tied 1 min
FINAL BLOW: None
IRP 2402 RFP 2345
IRP 25-27 RFP 29-31
IRIP 460 RSP 156
TEMPERATURE: 117°F
REC: 10' mud

EST # INTERVAL:
FORMATION:
TIMES:
INITIAL BLOW:
FINAL BLOW:
IRP RFP
IRP RFP
IRIP RSP
TEMPERATURE:
REC:



LEGEND

	SANDSTONE		LIMESTONE		CHERT		CARB. SH./ COAL
	SILTSTONE		DOLOMITE		GRANITE WASH		CONGLOM- ERATE
	SHALE		ANHYDRITE/ GYPSUM		GRANITE		OOLITIC/ OOIDIC



3800

50

3900

7:00 AM
04-23-11

3920' spl: 99% Red beds;
99% shales: earthy-subsilty
sub ss

Ls wh-cr,
fmg. sh, pr. sh
xln B, fass

Ls wh-cr, tan
fmg. sh, pr. sh
scat trans calc patches
fass

Shak 94
some siltst & silty
shale

50

TOPEKA

Ls wh-cr,
fmg. sh, pr. sh
scat calc. sh
fass in pt
fr. sh crush

n.s.

Ls wh-cr,
fmg. sh, pr. sh
subgrainy-grainy text
in pt, fass

4000

Ls wh-cr,
fmg. sh, pr. sh
pr. sh, calc

Sh 11k, calc

Siltstone & Shale
94, red, brownish
silty shale to shaly siltst
soft

n.s.

Sh 94

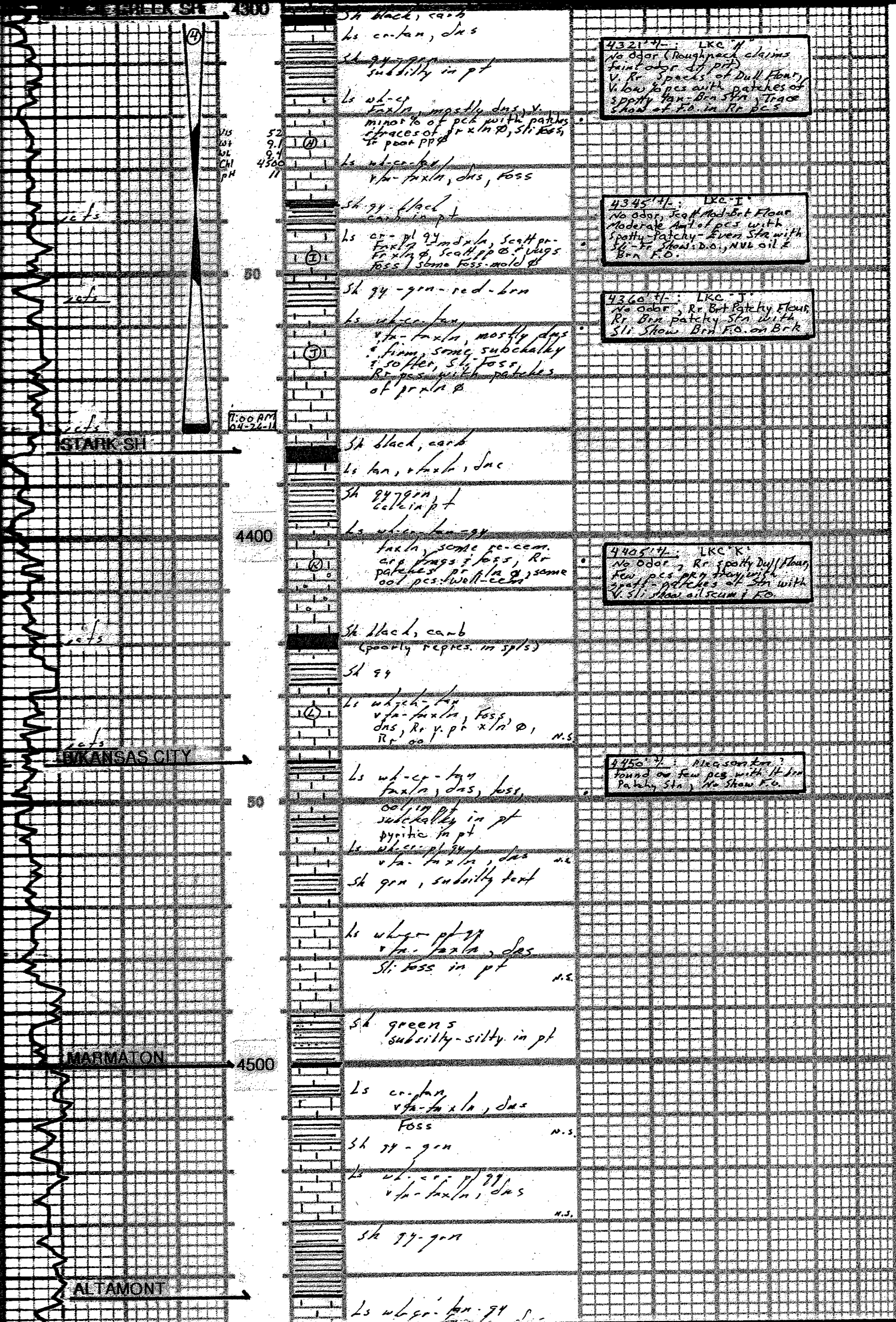
Ls wh-cr, 94
fmg. sh, pr. sh
subgrainy text. in pt,
fass

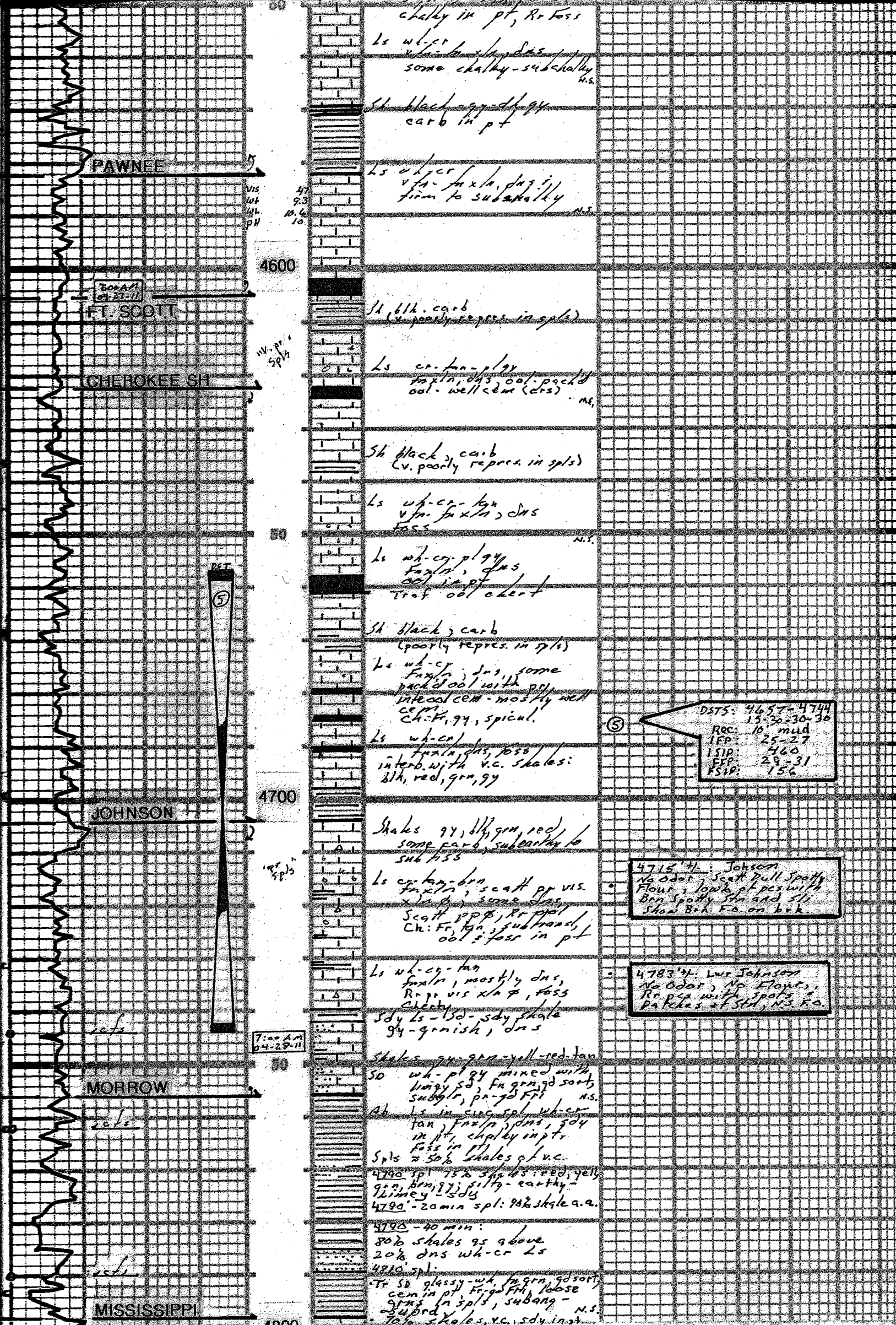
DST4: 4295-4380
15-30-30-30
Rec: 16' mud/oil spot
JFP: 23-27
LSIP: 1029
FFP: 30-34
FSIP: 975



DST

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5 DRILLING RATE MINUTES/FOOT	10	15	DEPTH	LITH- OLOGY	SAMPLE DESCRIPTIONS (Logged)	25u GAS DETECTOR CURVE TOTAL GAS/WET GAS	50u	75u	100u	125u
			4870		20% Dns, wh-cr Ls, soy-foss. 10% Chert: Fr, wh, opaque ns. Ls wh-fr Foss, cherty in pt soy in pt, ool in pt pr-fr CRUSK Ch: Fr, wh-tan-clear, transl-opaque ns.					
			4880		Ls cr-tan v-fxln-fxln, mostly dns v.Rr Trace/patch prxlns Foss, ool, soy in pt Ch: Fr, wh-tan, transl-opaq					
			4890		Dol wh-cr v-fxln, sucrose, gd xln & 19d-exc Fri ns.					
			4900		Ls wh-cr-tan Foss, cherty: wh-cr-tan, transl-opaq ool in pt					
			4910		Dol wh-cr-tan v-fxln's suc. gd xlns ns.					
			4920							
			4930							
			4940							
			4950							
			4960							
			4970							
			4980							
			4990							
			5000							
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			5390							
			5400							
			5410							
			5420							