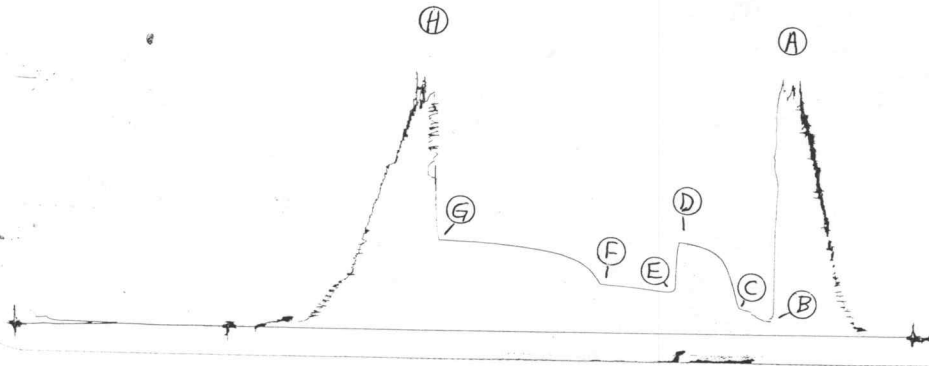


DST #1  
R/C # 11018  
INSIDE TOP

Ticket # 21415

(5)

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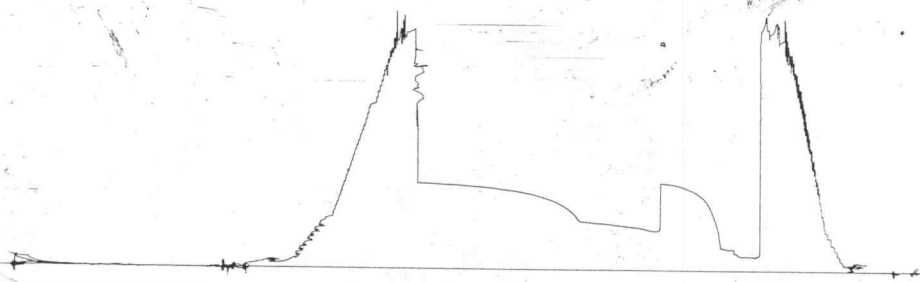


DST #1  
R/C # 13629  
INSIDE BOTTOM

Ticket # 21415

(5)

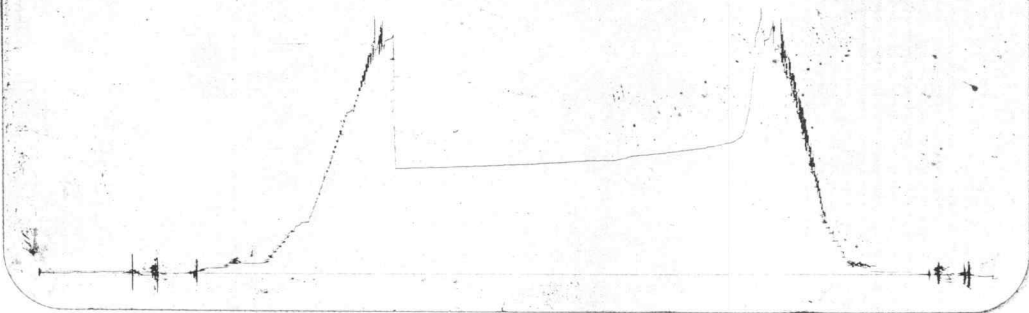
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DST #1  
REC # 6234  
BELOW STRADDLE

Ticket # 21415

Below Straddle



WESTERN TESTING CO., INC.

Pressure Data

Date 3/28/95

Test Ticket No. 21415

Recorder No. 11018

Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1427</u> P.S.I.			M
B First Initial Flow Pressure	_____ P.S.I.	First Flow Pressure	_____ Mins.	_____ Min.
C First Final Flow Pressure	_____ P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Min.
D Initial Closed-in Pressure	_____ P.S.I.	Second Flow Pressure	_____ Mins.	_____ Min.
E Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Min.
F Second Final Flow Pressure	_____ P.S.I.			
G Final Closed-in Pressure	_____ P.S.I.			
H Final Hydrostatic Mud	<del>1427</del> <u>1385</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	103	0	149	0	238	0	278
P 2 5	79	3	207	5	1	3	309
P 3 10	93	6	288	10	240	6	339
P 4 15	113	9	353	15	244	9	364
P 5 20	138	12	401	20	249	12	383
P 6 25	149	15	432	25	254	15	397
P 7 30		18	451	30	259	18	408
P 8 35		21	468	35	263	21	418
P 9 40		24	477	40	267	24	428
P10 45		27	489	45	270	27	435
P11 50		30	495	50	273	30	443
P12 55		33	502	55	278	33	448
P13 60		36	<del>509</del> 508	<del>60</del>		36	453
P14 65		39	513	65		39	458
P15 70		42	517	70		42	463
P16 75		45	521	75		45	467
P17 80		48		80		48	471
P18 85		51		85		51	475
P19 90		54		90		54	479
P20 95		57		95		57	482
100		60		100		60	484

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date \_\_\_\_\_ Test Ticket No. \_\_\_\_\_  
 Recorder No. \_\_\_\_\_ Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____	M _____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____	Mins. _____ Mins.
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____	Mins. _____ Mins.
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____	Mins. _____ Mins.
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____	Mins. _____ Mins.
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 105	_____	63	_____	105	_____	63	487
P 2 110	_____	66	_____	110	_____	66	489
P 3 115	_____	69	_____	115	_____	69	491
P 4 120	_____	72	_____	120	_____	72	493
P 5 125	_____	75	_____	125	_____	75	496
P 6 130	_____	78	_____	130	_____	78	499
P 7 135	_____	81	_____	135	_____	81	501
P 8 140	_____	84	_____	140	_____	84	502
P 9 145	_____	87	_____	145	_____	87	503
P10 150	_____	90	_____	150	_____	90	504
P11 155	_____	93	_____	155	_____	93	505
P12 160	_____	96	_____	160	_____	96	507
P13 165	_____	99	_____	165	_____	99	508
P14 170	_____	102	_____	170	_____	102	509
P15 175	_____	105	_____	175	_____	105	10
P16 180	_____	108	_____	180	_____	108	11
P17 185	_____	111	_____	185	_____	111	12
P18 190	_____	114	_____	190	_____	114	513
P19 195	_____	117	_____	195	_____	117	514
P20 200	_____	120	_____	200	_____	120	515

DST REPORT

GENERAL INFORMATION

DATE : 3-28-95  
CUSTOMER : TRIDENT ENERGY\M.D.C.  
WELL : #1-32 TEST: 1  
ELEVATION: 3578 K.B.  
SECTION : 32  
RANGE : 40W COUNTY: HAMILTON  
GAUGE SN#: 11018 RANGE : 4425  
TICKET : 21415  
LEASE : TRIDENT ENRG NEWTON  
GEOLOGIST: HAROLD TRAPP  
FORMATION: WINFIELD  
TOWNSHIP : 21S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2772.00 ft TO: 2803.00 ft TVD: 3000.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 2775.0 ft 2798.0 ft  
TEMPERATURE: 108.0  
DRILL COLLAR LENGTH: 470.0 ft I.D.: 2.200 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 2272.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 30.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 31.0 ft ANCHOR SIZE: 5.500 in  
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in  
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5 XH  
PACKER DEPTH: 2767.0 ft SIZE: 6.630 in  
PACKER DEPTH: 2772.0 ft SIZE: 6.630 in  
PACKER DEPTH: 3803.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : MURFIN RIG #3  
MUD TYPE : CHEMICAL VISCOSITY : 42.00 cp  
WEIGHT : 8.900 ppg WATER LOSS: 10.000 cc  
CHLORIDES : 8000 ppm  
JARS-MAKE : WESTERN SERIAL NUMBER: 12369  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: STRONG BLOW - 10" IN 10 MINUTES, 16"  
IN 20 MINUTES, 16" IN 30 MINUTES. NO BLOWBACK.  
FINAL FLOW: STRONG BLOW - BOTTOM OF BUCKET IN 10

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

MINUTES, 12" TO END OF FLOW. GOOD 6" BLOWBACK.  
 STRADDLE RECORDER WAS 700 P.S.I AT END OF TEST,  
 INDICATING BOTTOM PACKER SEATING.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
100.0	0.0	0.0	0.0	100.0	V SL GAS CUT DRILLING MUD
490.0	0.0	5.0	75.0	20.0	MUD CUT GASSY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES - 26,000 ppm

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	80.0000 min.
GAS VOLUME:	0.6991 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	1.9007 STB	AVERAGE WATER RATE:	42.5818 STB/D
WATER VOLUME:	1.8676 STB		
TOTAL FLUID :	3.7683 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1360.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	67.00	126.00
INITIAL SHUT-IN	45.00		500.00
FINAL FLOW	60.00	220.00	256.00
FINAL SHUT-IN	120.00		506.00

FINAL HYDROSTATIC PRESSURE: 1340.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1427.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	103.00	149.00
INITIAL SHUT-IN	45.00		521.00
FINAL FLOW	55.00	238.00	278.00
FINAL SHUT-IN	120.00		515.00

FINAL HYDROSTATIC PRESSURE: 1385.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 3-28-95	TICKET	: 21415
CUSTOMER	: TRIDENT ENERGY\M.D.C.	LEASE	: TRIDENT ENRG NEWTON
WELL	: #1-32	TEST:	1
ELEVATION:	3578 K.B.	GEOLOGIST:	HAROLD TRAPP
SECTION	: 32	FORMATION:	WINFIELD
RANGE	: 40W	COUNTY:	HAMILTON
GAUGE SN#:	11018	RANGE	: 4425
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	103.00	103.00
5.00	79.00	-24.00
10.00	93.00	14.00
15.00	113.00	20.00
20.00	138.00	25.00
25.00	149.00	11.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	207.00	207.00	0.00
6.00	288.00	81.00	0.00
9.00	353.00	65.00	0.00
12.00	401.00	48.00	0.00
15.00	432.00	31.00	0.00
18.00	451.00	19.00	0.00
21.00	468.00	17.00	0.00
24.00	477.00	9.00	0.00
27.00	489.00	12.00	0.00
30.00	495.00	6.00	0.00
33.00	502.00	7.00	0.00
36.00	508.00	6.00	0.00
39.00	513.00	5.00	0.00
42.00	517.00	4.00	0.00
45.00	521.00	4.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	238.00	238.00
5.00	238.00	0.00
10.00	240.00	2.00
15.00	244.00	4.00
20.00	249.00	5.00
25.00	254.00	5.00
30.00	259.00	5.00
35.00	263.00	4.00
40.00	267.00	4.00
45.00	270.00	3.00
50.00	273.00	3.00
55.00	278.00	5.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	309.00	309.00	0.00
6.00	339.00	30.00	0.00
9.00	364.00	25.00	0.00
12.00	383.00	19.00	0.00
15.00	397.00	14.00	0.00
18.00	408.00	11.00	0.00
21.00	418.00	10.00	0.00
24.00	428.00	10.00	0.00
27.00	435.00	7.00	0.00
30.00	443.00	8.00	0.00
33.00	448.00	5.00	0.00
36.00	453.00	5.00	0.00
39.00	458.00	5.00	0.00
42.00	463.00	5.00	0.00
45.00	467.00	4.00	0.00
48.00	471.00	4.00	0.00
51.00	475.00	4.00	0.00
54.00	479.00	4.00	0.00
57.00	482.00	3.00	0.00
60.00	484.00	2.00	0.00
63.00	487.00	3.00	0.00
66.00	489.00	2.00	0.00
69.00	491.00	2.00	0.00
72.00	493.00	2.00	0.00
75.00	496.00	3.00	0.00
78.00	499.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
81.00	501.00	2.00	0.00
84.00	502.00	1.00	0.00
87.00	503.00	1.00	0.00
90.00	504.00	1.00	0.00
93.00	505.00	1.00	0.00
96.00	507.00	2.00	0.00
99.00	508.00	1.00	0.00
102.00	509.00	1.00	0.00
105.00	510.00	1.00	0.00
108.00	511.00	1.00	0.00
111.00	512.00	1.00	0.00
114.00	513.00	1.00	0.00
117.00	514.00	1.00	0.00
120.00	515.00	1.00	0.00

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE : 3-28-95  
CUSTOMER : TRIDENT ENERGY\M.D.C.  
WELL : #1-32 TEST: 1  
ELEVATION: 3578 K.B.  
SECTION : 32  
RANGE : 40W COUNTY: HAMILTON  
GAUGE SN#: 11018 RANGE : 4425  
TICKET : 21415  
LEASE : TRIDENT ENRG NEWTON  
GEOLOGIST: HAROLD TRAPP  
FORMATION: WINFIELD  
TOWNSHIP : 21S  
STATE : KS  
CLOCK : 12

SAMPLE INFORMATION

PRESSURE IN SAMPLER: 300.00 PSIG BHT: 108.0 DEG F  
TOTAL VOLUME OF SAMPLER: 3500.00 cc  
TOTAL VOLUME OF SAMPLE: 3500.00 cc  
OIL: 0.00 cc  
WATER: 3500.00 cc  
MUD: 0.00 cc  
GAS: 0.00 cc  
OTHER: 0.00 cc

RESISTIVITY

DRILLING MUD: 0.3 @ 50 DEG. F  
MUD PIT SAMPLE: 70 DEG. F.  
GAS/OIL RATIO:  
WHERE WAS SAMPLE DRAINED: ON LOCATION  
REMARKS: SAMPLER RAN W/OUT MANDREL. HIGH AMOUNT  
OF LOST CIRCULATION MATERIAL IN MUD SYS-  
TEM THAT COULD'VE CAUSED A PLUGGED TOOL.  
CHLORIDE CONTENT: 26000.00 ppm  
CHLORIDE CONTENT: 8000.00 ppm  
GRAVITY: