WESTERN TESTING CO. INC.

SUBSURFACE PRESSURE SURVEY DATE: 10/5/83 TICKET #17657 CUSTOMER: VINCENT DIL CORPORATION LEASE: EDMONSTON GEOLOGIST: L. FRIEND TEST: 1 ELEVATION (KB): 2226 FORMATION: MARMATON SECTION: 31 TOWNSHIP: 295 COUNTY: KIOWA STATE: KANSAS RANGE: 18W GAUGE SN #6077 RANGE: 4700 CLOCK: 12 INTERVAL TEST FROM: 4692 FT TO: 4819 FT TOTAL DEPTH: 4819 FT DEPTH OF SELECTIVE ZONE: FT PACKER DEPTH: 4689 FT SIZE: 6 5/8 IN PACKER DEPTH: 4692 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN DRILLING CONTRACTOR: SLAWSON #1 MUD TYPE: PREMIX VISCOSITY: 42 WEIGHT: 9.1 WATER LOSS (CC): 13.4 CHLORIDES (P.P.M.): 2000 JARS - MAKE: DID WELL FLOW? SERIAL NUMBER: REVERSED OUT? DRILL CULLAR LE...
WEIGHT PIPE LENGTH: 4234 DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IH FT I.D.: IN FT I.D.: 3.2 IH FT TOOL SIZE: 5 1/2 O.D. IN
FT SIZE: 5 1/2 O.D. IN
IN BOTTOM CHOKE SIZE: 3/4 IN
IN TOOL JOINT SIZE: 4 1/2 F.H. IN 22 TEST TOOL LENGTH: ANCHOR LENGTH: 127 SURFACE CHOKE SIZE: 3/4 MAIN HOLE SIZE: 7 7/8 BLOW: STRONG BLOW. GAS TO SURFACE IN 10 MINUTES. SEE GAS FLOW REPORT. RECOVERED: 520 FT OF: SLIGHTLY GAS CUT MUD FT RECOVERED: OF: RECOVERED: FT OF: FT RECOVERED: OF: RECOVERED: FT OF:

REMARKS: TIGHT HOLE - SECOND FLOW PERIOD - WAITED 1 HOUR BEFORE GAUGING GAS DUE TO FLUID BLOWING THRU LINE. RECORDER 10266 CLOCKED STOPPED. READ OUTSIDE CHART RECORDER 6077.

TIME SET PACKER(S): 1:30 A.M.			TIME	ST	ARTED	OFF	BOTTO	1: 6	:00 A	. M.	
WELL TEMPERATURE: 134 'F											
INITIAL HYDROSTATIC PRESSURE:				(A)	2303		PSI				
INITIAL FLOW PERIOD	MIH:	45		(B)	441		PSI T	(C	272		PSI
INITIAL CLOSED IN PERIOD	MIH:	45		(D)	1610		PSI				
FINAL FLOW PERIOD	MIN:	90		(E)	356		PSI T	(F	262		PSI
FINAL CLOSED IN PERIOD	MIN:	90		(G)	1605		PSI				
FINAL HYDROSTATIC PRESSURE				(H)	2289		PSI				

DATE: 10/5/83 CUSTOMER: VINCENT DIL CORPORATION WELL: 1 TEST: 1 ELEVATION (KB): 2226 SECTION: 31 RANGE: 18W COUNTY: GAUGE SN #6077 RANGE:	FORMATION: TOWNSHIP: KIOWA		DHSTON L. FRIEND
(A) INITIAL HYDROSTATIC PRESSURE: (B) FIRST INITIAL FLOW PRESSURE: (C) FIRST FINAL FLOW PRESSURE: (D) INITIAL CLOSED-IN PRESSURE: (E) SECOND INITIAL FLOW PRESSURE: (F) SECOND FINAL FLOW PRESSURE: (G) FINAL CLOSED-IN PRESSURE: (H) FINAL HYDROSTATIC PRESSURE: WELL TEMPERATURE: OPEN TOOL: 1:30 A.M.	441 PSI 272 PSI 1610 PSI 356 PSI 262 PSI 1605 PSI		
FIRST FLOW PRESSURE: 45 INITIAL CLOSED-IN PRESSURE: 90 FINAL CLOSED-IN PRESSURE: 90	GIVEN TIME - A MIN 45 MIN 45 MIN 90 MIN 90	CTUAL MIN MIN MIN MIN	

PRESSURE BREAKDOWN

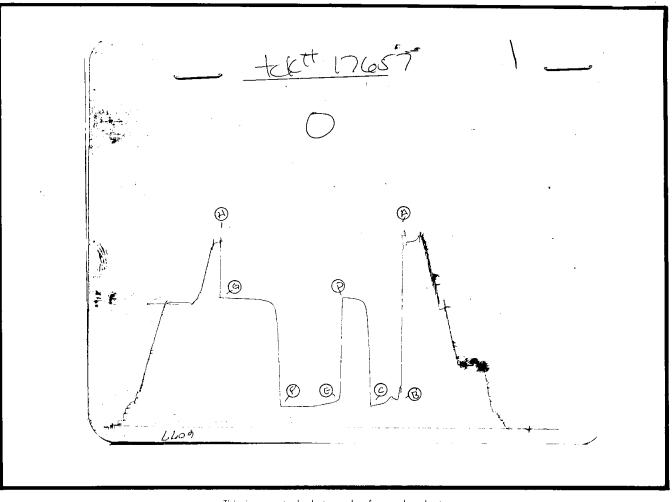
	FIRST FLOW		INITIAL SHUT-IN		SECO	ND FLOW	FINAL	SHUT-IN
PT	MIN	PRESSURE	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE
1	0	441	0	272	0	356	0	262
2	5	357	3	541	5	328	3	461
3	10	372	6	884	10	314	6	917
4	15	389	9	1207	15	304	9	1289
5	20	333	12	1295	20	294	12	1457
6	25	311	15	1516	25	287	15	1516
7	30	299	18	1562	30	279	18	1543
8	35	289	21	1576	35	272	21	1557
9	40	279	24	1591	40	267	24	1564
10	45	272	27	1599	45	262	27	1574
11			30	1600	50	262	30	1578
12			33	1602	55	262	33	1580
13			36	1604	60	262	36	1582
14			39	1606	65	262	39	1584
15			42	1608	70	262	42	1586
16			45	1610	75	262	45	1588
17					80	262	48	1590
18					85	262	51	1592
19					90	262	54	1594
20							57	1596
21							60	1598
22							63	1599
23							66	1600
24							69	1601
25							72	1602
26					•		75	1603
27							78	1604
28							81	1604
29							84	1605
30							87	1605

T M	FIRST	F FLOW PRESSURE	SHUT-IN PRESSURE	17657 SECON	PRESSURE	FINAL MIN 90	SHUT-I PRESSU 16
3							
4 5							
6							
7 3							
3							
) L							
2							
3 1							
5							
5 7							
3							
)							
L							
3							
ţ .							
5							
7							
3							
)							
3							
1							
5							
7							
3							
) .							

WESTERN TESTING CO. INC. GAS FLOW REPORT

DATE: 10/5/83 CUSTOMER: VINCENT DIL CO WELL: 1 ELEVATION (KB): 2226 SECTION: 31 RANGE: 18W GAUGE SN #6077	TICKET #17657 REPORATION LEASE: EDMONSTON TEST: 1 GEOLOGIST: L. FRIEND FORMATION: MARMATON TOWNSHIP: 29S COUNTY: KIOWA STATE: KANSAS RANGE: 4700 CLOCK: 12
TIME GAUGE TESTER TYPE (MIN)	ORIFICE PRESSURE FLOW DESCRIPTION SIZE (PSI)
	PRE FLOW
10 20 WALTER REED 25 30 35 40 45	GAS TO SURFACE 2 9 PSIG 2190000 CFPD 2 3 PSIG 1250000 CFPD 2 3 PSIG 1250000 CFPD 2 2.5 PSIG 1140000 CFPD 2 2.5 PSIG 1140000 CFPD 2 2.5 PSIG 1140000 CFPD 2 SECOND FLOW
5 WALTER REED 10 20 25 30	2 2 PSIG 1020000 CFPD 2 2 PSIG 1020000 CFPD 2 2 PSIG 1020000 CFPD 2 2 PSIG 1020000 CFPD 2 2 PSIG 1020000 CFPD

GAS BOTTLE SN #: 640
DATE BOTTLE FILLED: 10/5/83
DATE TO BE INVOICED: 10/5/83



This is an actual photograph of recorder chart,

PRESSURE Field Office **POINT** Reading Reading 2303 2421 Initial Hydrostatic Mud (A) .PSI 441 333 First Initial Flow Pressure **(**B) .PSI 273 272 (C) First Final Flow Pressure ... PSI 1566 1610 **(**D) Initial Closed-in Pressure PSI 285 356 (E) Second Initial Flow Pressure ... PS1 328 262 Second Final Flow Pressure PSI (F) 1605 1566 (G) Final Closed-in Pressure PSI 2289 2255 (H) Final Hydrostatic Mud PSI

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

DATE: 10/5/83 TICKET #17658 CUSTOMER: VINCENT DIL CORPORATION LEASE: EDMONSTON GEOLOGIST: L. FRIEND WELL: 1 TEST: 2 ELEVATION (KB): 2226 FORMATION: MARMATON TOWNSHIP: 295 SECTION: 31 RANGE: 18W COUNTY: KIOWA STATE: KANSAS RANGE: 4700 GAUGE SH #6077 CLOCK: 12 INTERVAL TEST FROM: 4816 FT TO: 4845 FT TOTAL DEPTH: 4845 FT DEPTH OF SELECTIVE ZONE: FT PACKER DEPTH: 4813 FT SIZE: 6 5/8 IN PACKER DEPTH: 4816 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN DRILLING CONTRACTOR: SLAWSON MUD TYPE: PREMIX VISCOSITY: 45 WEIGHT: 9.3 WATER LOSS (CC): 13.4 CHLORIDES (P.P.M.): 19000 JARS - MAKE: NO DID WELL FLOW? SERIAL NUMBER: REVERSED OUT? DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IH WEIGHT PIPE LENGIH:
DRILL PIPE LENGTH: 4358
22 FT: I.D.: IH FT I.D.: 3.2 IH FT TOOL SIZE: 5 1/2 O.D. IN
FT SIZE: 5 1/2 O.D. IN
IN BOTTOM CHOKE SIZE: 3/4
IN TOOL JOINT SIZE: 4 1/2 TEST TOOL LENGTH: 22
ANCHOR LENGTH: 29 TOOL SIZE: 5 1/2 O.D. IN 5 1/2 O.D. IN SURFACE CHOKE SIZE: 3/4 IN MAIN HOLE SIZE: 7 7/8 TOOL JOINT SIZE: 4 1/2 F.H. IN BLOW: RECOVERED: 130 FT DF: GAS CUT MUD RECOVERED: FT OF: RECOVERED: FT OF: RECOVERED: FT OF: FT RECOVERED: OF: RECOVERED: FT OF: RECOVERED: FT OF: RECOVERED: FT OF: RECOVERED: FT OF: REMARKS: NEEDLE VALVE PLUGED ON FLOOR MANIFOLD - NEVER GOT BLOW IN BUCKET. REASON FOR TEST BEING CUT SHORT. TIME SET PACKER(S): 8:55 P.M. TIME STARTED OFF BOTTOM: 10:15 P.M. WELL TEMPERATURE: 136 'F INITIAL HYDROSTATIC PRESSURE: (A) 2452 PSI PSI INITIAL FLOW PERIOD MIN: 20 . (B) 64 PSI TO (C) 100 INITIAL CLOSED IN PERIOD MIN: 15 (D) 125 PSI

MIN: 15

(E) 106

(G) 203

(H) 2430

PSI TO (F) 125

PSI

PSI

PSI

FINAL FLOW PERIOD

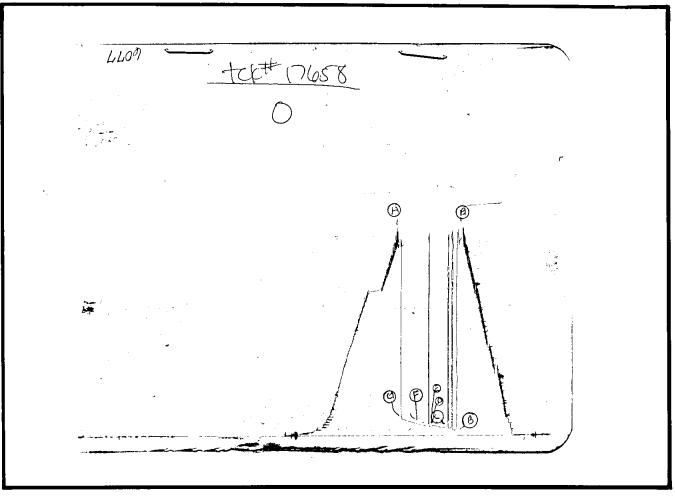
FINAL HYDROSTATIC PRESSURE

FINAL CLOSED IN PERIOD MIN: 30

DATE: 10/5/83					TICKET	#17658	}	
CUSTOMER: VINCENT DIL CO	RPORATION				LEASE:	EDMON	ISTON	
WELL: 1	TEST: 2				GEOLOGI	ST: L	. FRIE	END
ELEVATION (KB): 2226			FORMAT	ION:	MARMATO	Н		
SECTION: 31			TOWNSH	HIP:	295			
RANGE: 18W	COUNTY:	KIOWA			STATE:	KANSA	S	
GAUGE SN #6077	RANGE: 4	4700			CLOCK:	12		
(A) INITIAL HYDROSTATIC	PRESSURE:	2452		PSI				
(B) FIRST INITIAL FLOW F	RESSURE:	64		PSI				
(C) FIRST FINAL FLOW PRE	SSURE:	100		PSI				
(D) INITIAL CLOSED-IN PR	ESSURE:	125		PSI				
(E) SECOND INITIAL FLOW	PRESSURE:	106		PSI				
(F) SECOND FINAL FLOW PR	ESSURE:	125		PSI				
(G) FINAL CLOSED-IN PRES	SURE:	203		PSI				
(H) FINAL HYDROSTATIC PR	ESSURE:	2430		PSI				
WELL TEMPERATURE:		136		"F				
OPEN TOOL: 8:55 P.M.								
	TIME -	GIVEN	TIME	- A	CTUAL			
FIRST FLOW PRESSURE:	20	MIH	20		MIH			
INITIAL CLOSED-IN PRESSUR	E: 15	MIH	15		MIH			
SECOND FLOW PRESSURE:	15	MIM	15		MIN			
FINAL CLOSED-IN PRESSURE:	30	MIN	30		MIH			

PRESSURE BREAKDOWN

	FIRS	T FLOW	INITIA	L SHUT-IN	SECO	ND FLOW	FINAL	SHUT-IN
PT	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE
1	0	64	0	100	0	106	0	125
2	5	64	3	103	5	106	3	125
3	10	86	6	108	10	127	6	137
4	15	103	9	118	15	125	9	145
5	20	100	12	123			12	152
6			15	125			15	159
7							18	167
8							21	174
9							24	184
10							27	194
11							30	203
12								



This is an actual photograph of recorder chart.

PRESSURE

POINT		Field Reading		
(A)	Initial Hydrostatic Mud	2421	2452	PSI
(B)	First Initial Flow Pressure	47	64	PS1
(C)	First Final Flow Pressure	71	100	PSI
(D)	Initial Closed-in Pressure	107	125	PSI
(E)	Second Initial Flow Pressure	95	1.06	PSI
(F)	Second Final Flow Pressure	95	125	PSI
(G)	Final Closed-in Pressure	190	203	PSI
(H)	Final Hydrostatic Mud	2398	2430	PSI

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

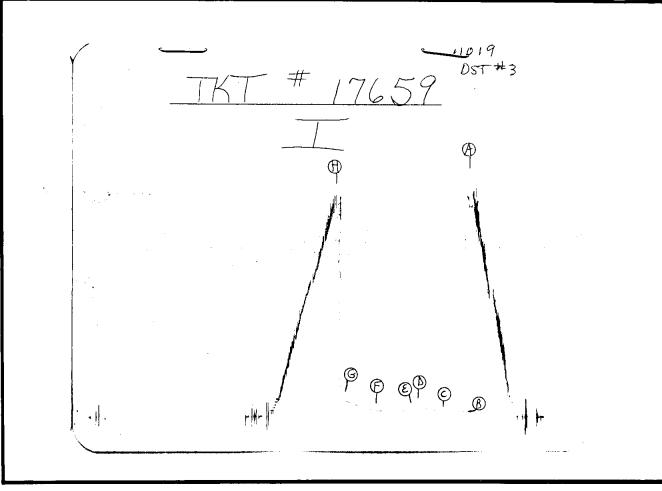
DATE: 10/6/83 TICKET #17659 CUSTOMER: VINCENT DIL CORPORATION LEASE: EDMONSTON TEST: 3 GEOLOGIST: L. FRIEND ELEVATION (KB): 2226 FORMATION: CHEROKEE LIME SECTION: 31 TOWNSHIP: 29S STATE: KANSAS RANGE: 18W COUNTY: KIOWA GAUGE SN #11019 RANGE: 4500 CLOCK: 12 INTERVAL TEST FROM: 4841 FT TO: 4919 FT TOTAL DEPTH: 4919 FT DEPTH OF SELECTIVE ZONE: FT PACKER DEPTH: 4836 FT SIZE: 6 5/8 IN PACKER DEPTH: 4841 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN DRILLING CONTRACTOR: SLAWSON MUD TYPE: PREMIX VISCOSITY: 49
WEIGHT: 9.3 WATER LOSS (CC) WATER LOSS (CC): 14.9 CHLORIDES (P.P.M.): 20000 JARS - MAKE: SERIAL NUMBER: DID WELL FLOW? NO REVERSED OUT? JARS - MAKE: SERIAL NUMBER: DRILL COLLAR LENGTH: 436 WEIGHT PIPE LENGTH: FT I.D.: 2.25 IN FT I.D.: IN FT I.D.: 3.8 IN DRILL PIPE LENGTH: 4383
TEST TOOL LENGTH: 22
ANCHOR LENGTH: 78 TEST TOOL LENGTH: 4383 FT TOOL SIZE: 5 1/2 O.D. IN ANCHOR LENGTH: 78 FT SIZE: 5 1/2 O.D. IN SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN BLOW: WEAK BLOW THROUGHOUT INITIAL FLOW PERIOD. WEAK BUILDING TO GOOD BLOW ON FINAL FLOW PERIOD. HOSE 6" IN BUCKET. RECOVERED: 70 FT OF: GAS CUT MUD RECOVERED: FT OF: 95% MUD; 5% GAS; SHOW OF OIL RECOVERED: FT OF: REMARKS: TIGHT HOLE

TIME SET PACKER(S): 4:50 P.M.			-	TIME	ST	ARTED	OFF	BOT.	TOM:	8:0	05 P.M.	
WELL TEMPERATURE: 132 'F												
INITIAL HYDROSTATIC PRESSURE:					(A)	2452		PSI				
INITIAL FLOW PERIOD	MIH:	30			(B)	66		PSI	TO	(C)	66	PSI
INITIAL CLOSED IN PERIOD	MIN:	39			(D)	143		PSI				
FINAL FLOW PERIOD	MIH:	60			(E)	75		PSI	TO	(F)	75	PSI
FINAL CLOSED IN PERIOD	MIH:	51			(G)	206		PSI				
FINAL HYDROSTATIC PRESSURE					(H)	2452		PSI				

DATE: 10/6/83	TICKET #17659
CUSTOMER: VINCENT DIL CORPORATION	LEASE: EDMONSTON
WELL: 1 TEST: 3	GEOLOGIST: L. FRIEND
ELEVATION (KB): 2226	FORMATION: CHEROKEE LIME
SECTION: 31	TOWNSHIP: 29S
RANGE: 18W COUNTY: KIOWA	IA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500	CLOCK: 12
(A) INITIAL HYDROSTATIC PRESSURE: 2452	PSI
(B) FIRST INITIAL FLOW PRESSURE: 66	PSI
(C) FIRST FINAL FLOW PRESSURE: 66	PSI
(D) INITIAL CLOSED-IN PRESSURE: 143	PSI
(E) SECOND INITIAL FLOW PRESSURE: 75	PSI
(F) SECOND FINAL FLOW PRESSURE: 75	PSI
(G) FINAL CLOSED-IN PRESSURE: 206	PSI
(H) FINAL HYDROSTATIC PRESSURE: 2452	PSI
WELL TEMPERATURE: 132	' F
OPEN TOOL: 4:50 P.M.	
TIME - GIVEN	N TIME - ACTUAL
FIRST FLOW PRESSURE: 30 MIN	N 30 MIN
INITIAL CLOSED-IN PRESSURE: 45 MIN	N 39 MIN 98 H
SECOND FLOW PRESSURE: 60 MIN	N 60 MIN
FINAL CLOSED-IN PRESSURE: 60 MIN	N 51 MIN

PRESSURE BREAKDOWN

	FIRS	T FLOW	INITIA	L SHUT-IN	SECO	IND FLOW	FINAL	SHUT-IN
PT	MIN	PRESSURE	MIH	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	66	0	66	0	75	0	75
2	5	66	3	68	5	75	3	84
3	10	66	6	73	10	75	6	88
4	15	66	9	80	15	75	9	93
5	20	66	12	86	20	75	12	100
6	25	66	15	91	25	75	15	106
7	30	66	18	97	30	75	18	113
8			21	102	35	75	21	122
9			24	109	40	75	24	131
10			27	115	45	75	27	138
11			30	123	50	75	30	146
12			33	131	55	75	33	154
13			36	138	60	75	36	163
14			39	143			39	172
15							42	182
16							45	190
17							48	197
18							51	206
19								
20								
21								



This is an actual photograph of recorder chart.

		PRESSURE							
POINT		Field	Office Reading						
PUINT		Reading	Reading						
(A)	Initial Hydrostatic Mud	2522	2452	PSI					
(B)	First Initial Flow Pressure	56	66	PSI					
(C)	First Final Flow Pressure	56	66	PS1					
(D)	Initial Closed-in Pressure	124	143	PSI					
(E)	Second Initial Flow Pressure	56	75	PSI					
(F)	Second Final Flow Pressure	56	75	PS1					
(G)	Final Closed-in Pressure	181	206	PSI					
(H)	Final Hydrostatic Mud	2397	2452	PSI					

WESTERN TESTING CO. INC. SUBSURFACE PRESSURE SURVEY

DATE: 10/7/83 TICKET #17660 CUSTOMER: VINCENT OIL CORPORATION LEASE: EDMONSTON TEST: 4 GEOLOGIST: L. FRIEND ELEVATION (KB): 2226 FORMATION: MISSISSIPPI SECTION: 31 TOWNSHIP: 295 COUNTY: KIDWA RANGE: 18W STATE: KANSAS CLOCK: 12 GAUGE SN #6246 RANGE: 5200 INTERVAL TEST FROM: 4915 FT TO: 4975 FT TOTAL DEPTH: 4975 FT DEPTH OF SELECTIVE ZONE: FT PACKER DEPTH: 4910 FT SIZE: 6 5/8 IN PACKER DEPTH: 4915 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: DRILLING CONTRACTOR: SLAWSON MUD TYPE: PREMIX VISCOSITY: 47 WEIGHT: 9.5 WATER LOSS (CC): 14.4 CHLORIDES (P.P.M.): 14000 JARS - MAKE: DID WELL FLOW? NO SERIAL NUMBER: REVERSED OUT? NO DRILL COLLAR LENGTH: 436 FT I.D.: 2.25 IN WEIGHT PIPE LENGTH: FT I.D.: IN FT I.D.: 3.8 IN

FT TOOL SIZE: 5 1/2 O.D. IN

FT SIZE: 5 1/2 O.D. IN

IN BOTTOM CHOKE SIZE: 3/4 DRILL PIPE LENGTH: 4487 TEST TOOL LENGTH: ANCHOR LENGTH: 22 60 SURFACE CHOKE SIZE: 3/4 MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN BLOW: WEAK BUILDING TO STRONG BLOW ON INITIAL OPENING. GOOD BLOW BUILDING TO STRONG BLOW ON FINAL FLOW PERIOD. FT OF: SLIGHTLY DIL & GAS CUT MUD RECOVERED: 125 FT RECOVERED: OF: 3% OIL; 10% GAS; 87% MUD RECOVERED: 60 FT OF: OIL & GAS CUT MUD RECOVERED: FT OF: 30% OIL; 15% GAS; 45% MUD; 5% WATER RECOVERED: FT OF: RECOVERED: FT OF: FT RECOVERED: OF: RECOVERED: FT OF: RECOVERED: FT OF: REMARKS: TIGHT HOLE - ONE CHART TIME SET PACKER(S): 1:20 P.M. TIME STARTED OFF BOTTOM: 4:35 P.M. WELL TEMPERATURE: 117 'F INITIAL HYDROSTATIC PRESSURE: (A) 2572 PSI INITIAL FLOW PERIOD MIN: 45 . (B) 80 PSI TO (C) 94 PSI INITIAL CLOSED IN PERIOD MIN: 42 (D) 397 PSI FINAL CLOSED IN PERIOD MIN. 54
FINAL HYDROCTOR (E) 127 PSI TO (F) 138 PSI (G) 644 PSI

(H) 2458

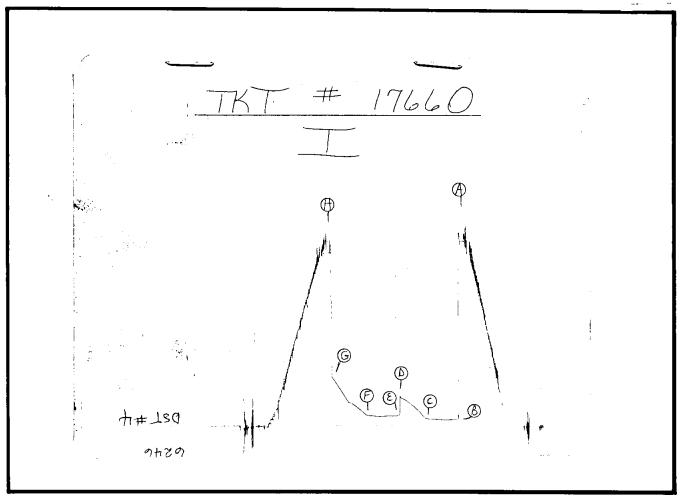
PSI

FINAL HYDROSTATIC PRESSURE

DATE: 10/7/83	TICKET #17660
CUSTOMER: VINCENT DIL CORPORATION	LEASE: EDMONSTON
WÈLL: 1 TEST: 4	GEOLOGIST: L. FRIEND
ELEVATION (KB): 2226	FORMATION: MISSISSIPPI
SECTION: 31	TOWNSHIP: 29S
RANGE: 18W COUNTY:	KIOWA STATE: KANSAS
GAUGE SN #6246 RANGE:	5200 CLOCK: 12
(A) INITIAL HYDROSTATIC PRESSURE:	2572 PSI
(B) FIRST INITIAL FLOW PRESSURE:	80 PSI
(C) FIRST FINAL FLOW PRESSURE:	94 PSI
(D) INITIAL CLOSED-IN PRESSURE:	397 PSI
(E) SECOND INITIAL FLOW PRESSURE:	127 PSI
(F) SECOND FINAL FLOW PRESSURE:	138 PSI
(G) FINAL CLOSED-IN PRESSURE:	644 PSI
(H) FINAL HYDROSTATIC PRESSURE:	2458 PSI
WELL TEMPERATURE:	117 ' F
OPEN TOOL: 1:20 P.M.	
TIME -	GIVEN TIME - ACTUAL
FIRST FLOW PRESSURE: 45	MIN 45 MIN
INITIAL CLOSED-IN PRESSURE: 45	MIN 42 MIN
SECOND FLOW PRESSURE: 45	MIN 45 MIN
FINAL CLOSED-IN PRESSURE: 60	MIN 54 MIN

PRESSURE BREAKDOWN

	FIRS	T FLOW	AITINI	L SHUT-IN	SECO	ND FLOW	FIHAL	SHUT-IN
PT	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE
1	0	80	0	94	0	127	0	138
2	5	80	3	102	5	127	3	144
3	10	80	6	123	10	127	6	162
4	15	80	9	154	15	127	9	188
5	20	80	12	187	20	127	12	214
6	25	81	15	215	25	127	15	235
7	30	86	18	241	30	127	18	257
8	35	89	21	264	35	130	21	279
9	40	92	24	287	40	134	24	292
10	45	94	27	308	45	138	27	306
11			30	331			30	324
12			33	348			33	365
13			36	363			36	411
14			39	376			39	454
15			42	397			42	497
16							45	541
17							48	584
18			*				51	620
19							54	644
20								



This is an actual photograph of recorder chart.

PRESSURE Field Office POINT Reading Reading 2566 2572 (A) Initial Hydrostatic MudPSI 78 80 First Initial Flow Pressure . .PSI 78 94 (C) First Final Flow Pressure PSI 379 397 **(**D) Initial Closed-in Pressure . PSI 117 127 (E) Second Initial Flow Pressure PSI 117 138 Second Final Flow Pressure .. (F) PSI 641 644 (G) Final Closed-in Pressure ... PSI 2462 2458 (H) Final Hydrostatic Mud PSI

WESTERN TESTING CO. 'INC. SUBSURFACE PRESSURE SURVEY

DATE: 10/8/83 TICKET #17661 CUSTOMER: VINCENT OIL CORPORATION LEASE: EDMONSTON TEST: 5 GEOLOGIST: L. FRIEND ELEVATION (KB): 2226 FORMATION: MISSISSIPPI SECTION: 31 TOWNSHIP: 295 RANGE: 18W COUNTY: KIOWA STATE: KANSAS GAUGE SN #6246 RANGE: 5200 CLOCK: 12 INTERVAL TEST FROM: 4975 FT TO: 4998 FT TOTAL DEPTH: 4998 FT DEPTH OF SELECTIVE ZONE: FT PACKER DEPTH: 4970 FT SIZE: 6 5/8 IN PACKER DEPTH: 4975 FT SIZE: 6 5/8 IN PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: DRILLING CONTRACTOR: SLAWSON #1 MUD TYPE: PREMIX VISCOSITY: 47
WEIGHT: 9.5 WATER LOSS (CC) WATER LOSS (CC): 14.4 CHLORIDES (P.P.M.): 14000 JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO DRILL COLLAR LENGTH: 436 I.D.: 2.25 FT IH WEIGHT PIPE LENGTH:

DRILL PIPE LENGTH: 4517 FT I.D.: 3.8

TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 O.D. IN

SIZE: 5 1/2 O.D. IN

ROTTOM CHOKE SIZE: 3/4 SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 F.H. IN BLOW: VERY WEAK BLOW ON INITIAL FLOW PERIOD. HOSE 1/2" IN WATER. WEAK BLOW BUILDING THEN DIEING DOWN TO STABLIZE AT ABOUT 1" IN BUCKET. RECOVERED: 65 FT OF: SLIGHTLY DIL & GAS CUT MUD RECOVERED: FT OF: 76% MUD; 10% WATER; 2% OIL; 12% GAS RECOVERED: 60 FT OF: SLIGHTLY DIL & GAS CUT MUD RECOVERED: FT OF: 12% WATER; 60% MUD; 5% DIL; 23% GAS RECOVERED: FT OF: REMARKS: TIGHT HOLE - DNE CHART

TIME SET PACKER(S): 5:00 A.M.			TIME	ST	ARTED	OFF	BOT	TOM:	8:	00 A.M.	
WELL TEMPERATURE: 135 'F											
INITIAL HYDROSTATIC PRESSURE:				(A)	2510		PSI				
INITIAL FLOW PERIOD	MIH:	30		(B)	46		PSI	TO	(C)	51	PSI
INITIAL CLOSED IN PERIOD	MIN:	42		(D)	368		PSI				
FINAL FLOW PERIOD	MIN:	45		(E)	78		PSI	TO	(F)	80	PSI
FINAL CLOSED IN PERIOD	MIH:	54		(G)	525		PSI				
FINAL HYDROSTATIC PRESSURE				CHO	2498		PSI				

TICKET #17661 DATE: 10/8/83 LEASE: EDMONSTON CUSTOMER: VINCENT OIL CORPORATION GEOLOGIST: L. FRIEND FORMATION: MISSISSIPPI ELEVATION (KB): 2226 SECTION: 31 TOWNSHIP: 295 COUNTY: KIOWA STATE: KANSAS RANGE: 18W CLOCK: 12 GAUGE SN #6246 RANGE: 5200 (A) INITIAL HYDROSTATIC PRESSURE: 2510 PSI (B) FIRST INITIAL FLOW PRESSURE: 46 PSI (C) FIRST FINAL FLOW PRESSURE: 51 PSI (D) INITIAL CLOSED-IN PRESSURE: 368 PSI (E) SECOND INITIAL FLOW PRESSURE: 78 PSI (F) SECOND FINAL FLOW PRESSURE: 80 PSI (G) FINAL CLOSED-IN PRESSURE: 525 PSI (H) FINAL HYDROSTATIC PRESSURE: 2498 PSI WELL TEMPERATURE: 135 OPEN TOOL: 5:00 A.M. TIME - GIVEN TIME - ACTUAL FIRST FLOW PRESSURE: 30 MIN 30 MIN INITIAL CLOSED-IN PRESSURE: 45 MIN 42 MIH MIN 45 SECOND FLOW PRESSURE: 45 MIN

PRESSURE BREAKDOWN	
	1

MIN 54

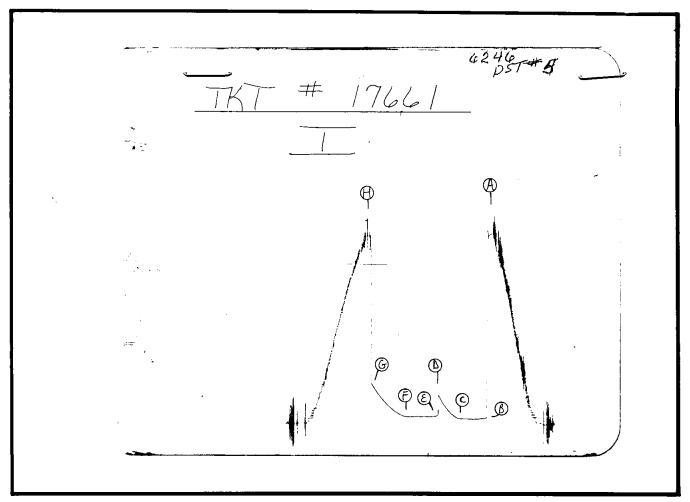
MIH

FINAL CLOSED-IN PRESSURE: 60

				FRESSURE	DKCHV	DUMIT			
	FIRS	T FLOW	INITIA	L SHUT-IN	SECO	ND FLOW	FINAL	SHUT-IN	
PT	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE	MIH	PRESSURE	
1	0	46	0	51	0	78	0	80	
2	5	46	3	51	5	78	3	83	
3	10	46	6	52	10	78	6	89	
4	15	46	9	55	15	78	9	99	
5	20	46	12	60	20	78	12	113	
6	25	50	15	71	25	78	15	130	
7	30	51	18	88	30	78	18	149	
8			21	109	35	78	21	168	
9			24	136	40	78	24	194	
10			27	167	45	80	27	217	
11			30	196			30	243	
12			33	237			33	275	
13			36	284			36	308	
14			39	332			39	339	
15			42	368			42	376	
16							45	416	
17							48	458	
18							51	502	
19							54	525	
20									
21									

RGE.

10/8/83



This is an actual photograph of recorder chart.

PRESSURE

POINT		Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2592	2510	PSI
(B)	First Initial Flow Pressure	65	46	PSI
(C)	First Final Flow Pressure	65	51	PSI
(D)	Initial Closed-in Pressure	366		PSI
(E)	Second Initial Flow Pressure	91	78	PSI
(F)	Second Final Flow Pressure	91	80	PSI
(G)	Final Closed-in Pressure	510	525	PSI
(H)	Final Hydrostatic Mud	2501	2498	PSI