



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET N^o 20502P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201Elevation 1517 GL Formation Douglas Eff. Pay _____ Ft.District PRATT Date 5-29-94 Customer Order No. _____COMPANY NAME MCGINNESS O.I. CoADDRESS 150 N. MAIN Suite 1026 Wichita KS 67202LEASE AND WELL NO. INSLEE #1 COUNTY Barber STATE KS Sec. 3 Twp 33S Rge 11W

Mail Invoice To _____ Co. Name _____ Address _____ No. Copies Requested _____

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. 2 Interval Tested From 3705 ft. to 3720 ft. Total Depth 3720 ft.Packer Depth 3700 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.Packer Depth 3720 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3708 ft. Recorder Number 4339 Cap. 4300Bottom Recorder Depth (Outside) 3720 ft. Recorder Number 13548 Cap. 4075

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

Drilling Contractor PICKRELL #1 Drill Collar Length 243 I. D. 2 1/4 in.Mud Type Chemical Viscosity 47 Weight Pipe Length _____ I. D. _____ in.Weight 8.9 Water Loss 11.8 cc. Drill Pipe Length 3441 I. D. 3.8 in.Chlorides 6200 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.Jars: Make _____ Serial Number _____ Anchor Length 15 ft. Size 5 1/2 in.Did Well Flow? _____ Reversed Out _____ 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 x 11 in.Blow: GAS TO SURFACE IN 18 MINUTES.Recovered _____ ft. of 101.0 MCFD thru 1/2 inch orificeRecovered 15 ft. of Dr. lg mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 3:30 A.M. Time Pick Up Tool 4:30 A.M. Time Off Location _____ A.M.Time Set Packer(s) 6:00 A.M. Time Started Off Bottom 9:00 A.M. Maximum Temperature 108°Initial Hydrostatic Pressure _____ (A) 1798 P.S.I.Initial Flow Period _____ Minutes 30 (B) 113 P.S.I. to (C) 79 P.S.I.Initial Closed In Period _____ Minutes 45 (D) 1166 P.S.I.Final Flow Period _____ Minutes 45 (E) 125 P.S.I. to (F) 113 P.S.I.Final Closed In Period _____ Minutes 60 (G) 1144 P.S.I.Final Hydrostatic Pressure _____ (H) 1798 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representativeWestern Representative STUART STOUER

FIELD INVOICE

Open Hole Test	\$ <u>600.00</u>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____



No. 1162

GAS FLOW REPORT

Date 5-29-94 Ticket 20502 Company McGinness O.I. Co.
 Well Name and No. INSlee #1 Dst No. 2 Interval Tested 3705-20
 County Barber State KANSAS Sec. 3 Twp. 33S Rg. 11W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
GTS IN 18 minutes PRE FLOW					
20	2.0	1/4 INCH			12.7
25	9.0				29.0
30	19.0	1			45.5

SECOND FLOW

5	19.0	1/4 INCH			45.9	45.5
10	30.0				61.9	
15	32.0				71.8	
20	45.0				82.7	
25	47.0				85.5	
30	50.0				89.7	
35	59.0				102.3	
40	8.0	1/2 INCH			101.0	
45	8.0	1			101.0	

GAS BOTTLE

Serial No. _____ Date Bottle Filled 5-29-94 Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME McGinness O.I.

Authorized by _____

WESTERN TESTING CO., INC.

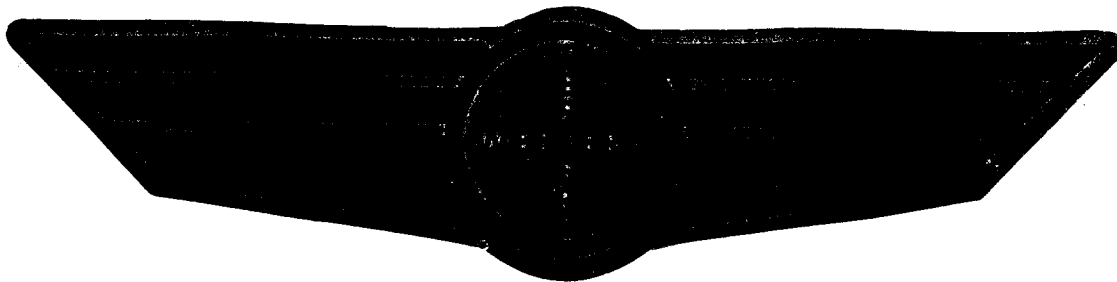
Pressure Data

Date 5-29-94 Test Ticket No. 2052
 Recorder No. 4339 Capacity _____ Location _____ Ft. _____
 Clock No. _____ Elevation _____ Well Temperature _____ °F
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 A Initial Hydrostatic Mud 1806 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 1794 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	100	0	77	0	114	0	98
P 2 5	100	3	76.5	5	114	3	86.2
P 3 10	90	6	1019	10	114	6	99.2
P 4 15	85	9	1080	15	114	9	103.2
P 5 20	80	12	1100	20	112	12	105.2
P 6 25	77	15	1112	25	110	15	106.6
P 7 30	77	18	1110	30	108	18	107.8
P 8 35		21	1125	35	105	21	108.7
P 9 40		24	1131	40	102	24	109.5
P10 45		27	1137	45	98	27	110.2
P11 50		30	1142	50		30	1110
P12 55		33	1145	55		33	1115
P13 60		36	1147	60		36	1118
P14 65		39	1149	65		39	1121
P15 70		42	1150	70		42	1124
P16 75		45	1151	75		45	1126
P17 80		48		80		48	1128
P18 85		51		85		51	1130
P19 90		54		90		54	1132
P20 95		57		95		57	1133
100		60		100		60	1134

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 5/29/94	TICKET	: 20502
CUSTOMER	: MCGINNESS OIL COMPANY	LEASE	: INSLEE
WELL	: #1	TEST: 2	GEOLOGIST: MCGINNESS
ELEVATION	: 1517 GL	FORMATION	: DOUGLAS
SECTION	: 3	TOWNSHIP	: 33S
RANGE	: 11W	COUNTY: BARBER	STATE : KS
GAUGE SN#	: 4339	RANGE : 4300	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3705.00 ft	TO:	3720.00 ft	TVD:	3720.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	3708.0 ft		3720.0 ft		
TEMPERATURE:	108.0				
DRILL COLLAR LENGTH:	243.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	3441.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	15.0 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 :		4.5XH	
PACKER DEPTH:	3700.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3720.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	PICKRELL RIG 1	VISCOSITY :	47.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.800 cc
WEIGHT :	8.900 ppg		
CHLORIDES :	6200 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

GAS TO SURFACE IN 18 MINUTES.
101.0 MCFD THROUGH 1/2 INCH ORIFICE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
15.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	75.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0738	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0738	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1798.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.00	79.00
INITIAL SHUT-IN	45.00		1166.00
FINAL FLOW	45.00	125.00	113.00
FINAL SHUT-IN	60.00		1144.00

FINAL HYDROSTATIC PRESSURE: 1798.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1806.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	100.00	77.00
INITIAL SHUT-IN	45.00		1151.00
FINAL FLOW	45.00	114.00	98.00
FINAL SHUT-IN	60.00		1134.00

FINAL HYDROSTATIC PRESSURE: 1794.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 5/29/94	TICKET : 20502
CUSTOMER : MCGINNESS OIL COMPANY	LEASE : INSLEE
WELL : #1 TEST: 2	GEOLOGIST: MCGINNESS
ELEVATION: 1517 GL	FORMATION: DOUGLAS
SECTION : 3	TOWNSHIP : 33S
RANGE : 11W COUNTY: BARBER	STATE : KS
GAUGE SN#: 4339 RANGE : 4300	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
20 MIN	MERLA	0.250	2 PSIG	12700 SCF/D
25 MIN	MERLA	0.250	9 PSIG	29000 SCF/D
30 MIN	MERLA	0.250	19 PSIG	45500 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	0.250	19 PSIG	45500 SCF/D
10 MIN	MERLA	0.250	30 PSIG	61900 SCF/D
15 MIN	MERLA	0.250	37 PSIG	71800 SCF/D
20 MIN	MERLA	0.250	45 PSIG	82700 SCF/D
25 MIN	MERLA	0.250	47 PSIG	85500 SCF/D
30 MIN	MERLA	0.250	50 PSIG	89700 SCF/D
35 MIN	MERLA	0.250	59 PSIG	102300 SCF/D
40 MIN	MERLA	0.500	8 PSIG	101000 SCF/D
45 MIN	MERLA	0.500	8 PSIG	101000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/29/94	TICKET : 20502
CUSTOMER : MCGINNESS OIL COMPANY	LEASE : INSLEE
WELL : #1	GEOLOGIST: MCGINNESS
ELEVATION: 1517 GL	FORMATION: DOUGLAS
SECTION : 3	TOWNSHIP : 33S
RANGE : 11W	STATE : KS
GAUGE SN#: 4339	CLOCK : 12
COUNTY: BARBER	
RANGE : 4300	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	100.00	100.00
5.00	100.00	0.00
10.00	90.00	-10.00
15.00	83.00	-7.00
20.00	80.00	-3.00
25.00	77.00	-3.00
30.00	77.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	763.00	763.00	11.00
6.00	1019.00	256.00	6.00
9.00	1080.00	61.00	4.33
12.00	1100.00	20.00	3.50
15.00	1112.00	12.00	3.00
18.00	1120.00	8.00	2.67
21.00	1125.00	5.00	2.43
24.00	1131.00	6.00	2.25
27.00	1137.00	6.00	2.11
30.00	1142.00	5.00	2.00
33.00	1145.00	3.00	1.91
36.00	1147.00	2.00	1.83
39.00	1149.00	2.00	1.77
42.00	1150.00	1.00	1.71
45.00	1151.00	1.00	1.67

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	114.00	114.00
5.00	114.00	0.00
10.00	114.00	0.00
15.00	114.00	0.00
20.00	112.00	-2.00
25.00	110.00	-2.00
30.00	108.00	-2.00
35.00	105.00	-3.00
40.00	102.00	-3.00
45.00	98.00	-4.00

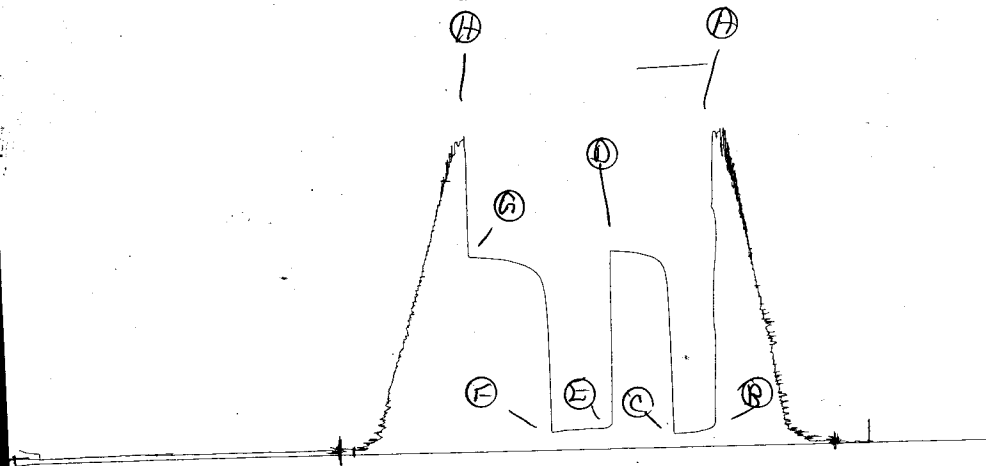
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	862.00	862.00	16.00
6.00	992.00	130.00	8.50
9.00	1032.00	40.00	6.00
12.00	1052.00	20.00	4.75
15.00	1066.00	14.00	4.00
18.00	1078.00	12.00	3.50
21.00	1087.00	9.00	3.14
24.00	1095.00	8.00	2.88
27.00	1102.00	7.00	2.67
30.00	1110.00	8.00	2.50
33.00	1115.00	5.00	2.36
36.00	1118.00	3.00	2.25
39.00	1121.00	3.00	2.15
42.00	1124.00	3.00	2.07
45.00	1126.00	2.00	2.00
48.00	1128.00	2.00	1.94
51.00	1130.00	2.00	1.88
54.00	1132.00	2.00	1.83
57.00	1133.00	1.00	1.79
60.00	1134.00	1.00	1.75

AKT 20501

20502 X

I



2K1 J0501 PST 155 48
#2 20502

①

