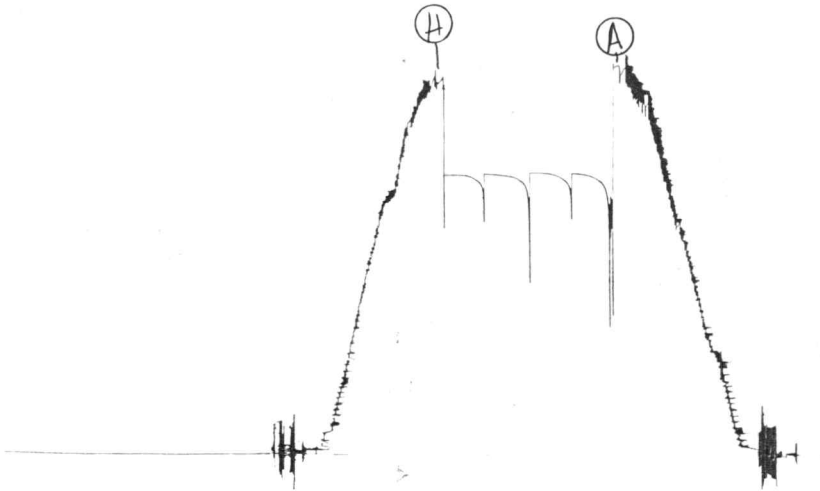
Tk# 3344

I.



15-095-20867

Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Calkin #1-2

Elevation -- Formation Mississippi Effective Pay -- Ft. Ticket No. 3344

Date 8/14/79 Sec. 3 Twp. 29 Range 6 County Kingman State Kansas

Test Approved by James Gould Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4057 ft. to 4090 ft. Total Depth 4090 ft.

Packer Depth 4052 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4057 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4080 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4083 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Eagle Drilling Rig #1 Drill Collar Length -- I. D. -- in.

Mud Type premix-Mon-Pac Viscosity 47 Weight Pipe Length 318 I. D. 2.7 in.

Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 3718 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make -- Serial Number -- Anchor Length 33 ft. Size 5½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Very weak blow;died in twenty minutes on first flow period. No blow throughout second flow period.

Recovered 5 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:15 A.M. ~~P.M.~~ Time Started Off Bottom 1:15 ~~A.M.~~ P.M. Maximum Temperature 129

Initial Hydrostatic Pressure ..... (A) 2100 P.S.I.

Initial Flow Period ..... Minutes 30 (B) -- P.S.I. to (C) -- P.S.I.

Initial Closed In Period ..... Minutes 30 (D) -- P.S.I.

Final Flow Period ..... Minutes 30 (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure ..... (H) 2072 P.S.I.

Phone 316 262-5861
316 838-0601

WESTERN TESTING CO., INC.

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 8/14/79 Ticket 3345 Company Robert E . Campbell Oil & Gas Operations

Well Name and No. Calkin #1-2 Dst No. 2 Interval Tested 4057'-4090'

County Kingman State Kansas Sec. 3 Twp. 29 Rg. 6

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface in six minutes.		**PRE FLOW**				
	11 min.	16" of water 1" orifice				103,000 CFPD
	16 min.	19" of water 1" orifice				113,000 CFPD
	26 min.	20" of water 1" orifice				115,000 CFPD
	36 min.	20" of water 1" orifice				115,000 CFPD
	45 min.	20" of water 1" orifice				115,000 CFPD
		SECOND FLOW				
	5 min.	18" of water 1¼" orifice				186,000 CFPD
	10 min.	15" of water 1¼" orifice				170,000 CFPD
	20 min.	10" of water 1¼" orifice				138,000 CFPD
	30 min.	9" of water 1¼" orifice				132,000 CFPD
	40 min.	9" of water 1¼" orifice				132,000 CFPD
	50 min.	8" of water 1¼" orifice				124,000 CFPD
	60 min.	8" of water 1¼" orifice				124,000 CFPD
	70 min.	7" of water 1¼" orifice				116,000 CFPD
	80 min.	7" of water 1¼" orifice				116,000 CFPD
	90 min.	7" of water 1¼" orifice				116,000 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 8/14/79

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% per month, equal to 12% 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 Robert E. Campbell Oil & Gas Operations

Authorized by James Gould

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 8/14/79 — Test Ticket No. 3345

Recorder No. 2607 — Capacity -- — Location 4080 Ft.

Clock No. -- — Elevation --- — Well Temperature 129 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2108	P.S.I.
B	First Initial Flow Pressure	140	P.S.I.
C	First Final Flow Pressure	104	P.S.I.
D	Initial Closed-in Pressure	1406	P.S.I.
E	Second Initial Flow Pressure	131	P.S.I.
F	Second Final Flow Pressure	137	P.S.I.
G	Final Closed-in Pressure	1334	P.S.I.
H	Final Hydrostatic Mud	2093	P.S.I.

	Time Given	Time Computed
Open Tool	5:30A M	
First Flow Pressure	45 Mins.	45 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	90 Mins.	90 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	140
P 2	5	110
P 3	10	105
P 4	15	104
P 5	20	104
P 6	25	104
P 7	30	104
P 8	35	104
P 9	40	104
P10	45	104
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In

Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	104
3	779
6	1040
9	1136
12	1193
15	1235
18	1264
21	1293
24	1309
27	1322
30	1336
33	1348
36	1357
39	1368
42	1376
45	1382
48	1389
51	1395
54	1399
57	1403
60	1406

Second Flow Pressure

Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	131
5	118
10	114
15	111
20	111
25	114
30	121
35	123
40	123
45	124
50	124
55	125
60	125
65	128
70	131
75	134
80	135
85	136
90	137

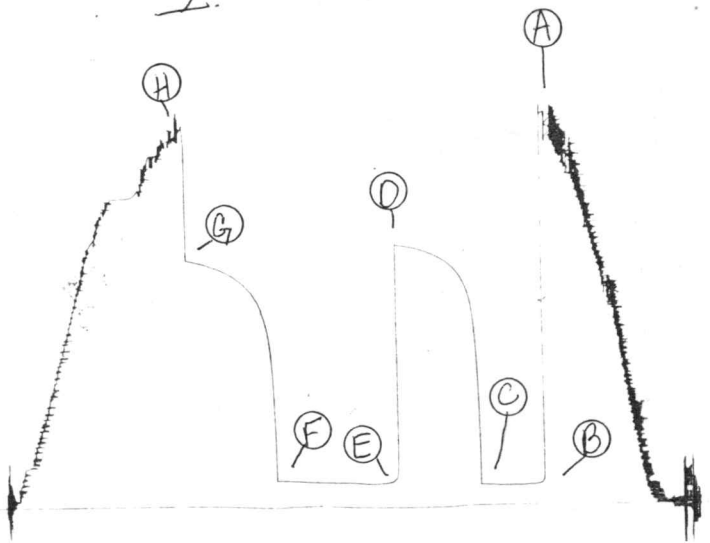
Final Shut-In

Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	137
3	683
6	887
9	983
12	1048
15	1107
18	1140
21	1167
24	1194
27	1211
30	1233
33	1249
36	1257
39	1270
42	1280
45	1288
48	1297
51	1306
54	1314
57	1320
60	1324
63	1330
66	1334

IR#3345

I.



Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Calkin #2

Elevation -- Formation Mississippi Effective Pay -- Ft. Ticket No. 3345

Date 8/14/79 Sec. 3 Twp. 29S Range 6W County Kingman State Kansas

Test Approved by James Gould Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4057 ft. to 4090 ft. Total Depth 4090 ft.

Packer Depth 4052 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4057 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4080 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4083 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Eagle Drilling Rig #1 Drill Collar Length -- I. D. -- in.

Mud Type premix-MonPac Viscosity 47 Weight Pipe Length 318 I. D. 2.7 in.

Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 3718 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make -- Serial Number -- Anchor Length 33 ft. Size 5½OD in.

Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Strong blow throughout flow periods.

Recovered 30 ft. of slightly watery mud

Recovered 180 ft. of heavy gas cut mud

Recovered 180 ft. of heavy oil and gas cut mud

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:30 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 9:45 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 129

Initial Hydrostatic Pressure			(A) 2108	P.S.I.		
Initial Flow Period	Minutes 45	(B) 140	P.S.I.	to (C) 104	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 1406	P.S.I.			
Final Flow Period	Minutes 90	(E) 131	P.S.I.	to (F) 137	P.S.I.	
Final Closed In Period	Minutes 60	(G) 1334	P.S.I.			
Final Hydrostatic Pressure			(H) 2093	P.S.I.		