Company Robert E Campbell Oil & Gas Operations Lease & Well No. Klavor #7

Elevation 1561 Kelly Bushing Formation Mizner Effective Pay - Ft. Ticket No. 7353

Date 9-7-80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas

Test Approved by Robb E Campbell by Edmund G Lorenz Western Representative Cliff Scheuernan

Formation Test No. 1 Interval Tested from 4439 ft. to 4455 ft. Total Depth 4455 ft.

Packer Depth 4434 ft. Size 6 3/4 in. Packer Depth 4439 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4442 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4445 ft. Recorder Number 1562 Cap. 3900

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

Drilling Contractor Graves Drilling Co Inc Rig #1 Drill Collar Length 86 I. D. 2¼ in.

Mud Type Premix Monpac Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 9.4 cc. Drill Pipe Length 4329 I. D. 3.8 in.

Chlorides 20,000 P.P.M. Test Tool Length 24 ft. Tool Size 4½ in.

Jars: Make - Serial Number - Anchor Length 16 ft. Size 5½ in.

Did Well Flow? Gas Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: Strong blow. Off bottom of bucket, gas to surface 5 minutes on initial flow period. Strong blow on final flow period. See attached sheet for gas measurements.

Recovered 60 ft. of Gas in pipe

Recovered 4390 ft. of Very gasy light oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:10 A.M. ~~P.M.~~ Time Started Off Bottom 10:10 A.M. ~~P.M.~~ Maximum Temperature 142

Initial Hydrostatic Pressure ..... (A) 2288 P.S.I.

Initial Flow Period ..... Minutes 35 (B) 190 P.S.I. to (C) 394 P.S.I.

Initial Closed In Period ..... Minutes 48 (D) 1531 P.S.I.

Final Flow Period ..... Minutes 45 (E) 420 P.S.I. to (F) 828 P.S.I.

Final Closed In Period ..... Minutes 63 (G) 1534 P.S.I.

Final Hydrostatic Pressure ..... (H) 2239 P.S.I.

GAS FLOW REPORT

Date 9-7-80 Ticket 7353 Company Robert E Campbell Oil & Gas Operations

Well Name and No. Klavor #7 Dst No. 1 Interval Tested 4439 - 4455

County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

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
			PRE FLOW			
	Gas to surface 7:20					
	30	4LB	½ orifice			68,800 C.F.P.D.
	Closed Tool 7:33					
			SECOND FLOW			
	Open Tool 8:18					
	10	9LB	1/8 Orifice			8,890 C.F.P.D.
	20	5LB	1/8 Orifice			6,390 C.F.P.D.
	30	8LB	1/8 Orifice			8,300 C.F.P.D.
	40	14LB	1/8 Orifice			11,600 C.F.P.D.
	50	15LB	1/8 Orifice			12,100 C.F.P.D.

GAS BOTTLE

Serial No. 48 Date Bottle Filled 9-7-80 Date to be Invoiced 9-7-80

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 1½% 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 Robert E Campbell Oil & Gas Operatior

Authorized by Edmund G Lorenz

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 9-7-80 Test Ticket No. 7353

Recorder No. 1563 Capacity 4200 Location 4442 Ft.

Clock No. ---------- Elevation 1561 Kelly Bushing Well Temperature 142 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2288 P.S.I.	Open Tool	7:10 AM	
B	First Initial Flow Pressure	190 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C	First Final Flow Pressure	394 P.S.I.	Initial Closed-in Pressure	45 Mins.	48 Mins.
D	Initial Closed-in Pressure	1531 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	420 P.S.I.	Final Closed-in Pressure	60 Mins.	63 Mins.
F	Second Final Flow Pressure	828 P.S.I.			
G	Final Closed-in Pressure	1534 P.S.I.			
H	Final Hydrostatic Mud	2239 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	190
P 2 5	192
P 3 10	218
P 4 15	252
P 5 20	291
P 6 25	328
P 7 30	364
P 8 35	394
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	394
3	1156
6	1487
9	1508
12	1517
15	1521
18	1523
21	1523
24	1524
27	1524
30	1525
33	1526
36	1527
39	1528
42	1529
45	1530
48	1531

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

Point Minutes	Press.
0	420
5	453
10	509
15	555
20	609
25	662
30	711
35	764
40	802
45	828

Final Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	828
3	1492
6	1513
9	1519
12	1521
15	1522
18	1525
21	1528
24	1530
27	1527
30	1527
33	1527
36	1527
39	1530
42	1530
45	1531
48	1531
51	1532
54	1533
57	1534
60	1534
63	1534

1563

JH #7353

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