Company Texas Oil & Gas Corporation — Lease & Well No. King "A"#1

Elevation -- — Formation Mississippi — Effective Pay -- Ft. — Ticket No. 1530

Date 2/2/79 — Sec. 28 — Twp. 29S — Range 8W — County Kingman — State Kansas

Test Approved by Stephen E. Etcheson — Western Representative Jim Wondra

Formation Test No. 1 — Interval Tested from 4213' ft. to 4240' ft. — Total Depth 4240' ft.

Packer Depth 4207 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4213 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4194 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4233 ft. — Recorder Number 3351 — Cap. 4000

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

Drilling Contractor H-30 Rig #3 — Drill Collar Length 247 I. D. 2¼ in.

Mud Type premix — Viscosity 36 — Weight Pipe Length - I. D. - in.

Weight 9.2 — Water Loss 12.0 cc. — Drill Pipe Length I. D. 3.8 in.

Chlorides 10,000 P.P.M. — Test Tool Length 29' ~~ft.~~ — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 408 — Anchor Length 27 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: Fair increased to strong blow on first flow period. Strong blow throughout second flow period.

Recovered 70 ft. of drilling mud (15,000 PPM)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:50 ~~A.M.~~ P.M. — Time Started Off Bottom 1:35 A.M. ~~P.M.~~ — Maximum Temperature 117

Initial Hydrostatic Pressure			(A)	2110	P.S.I.	
Initial Flow Period	Minutes 30	(B)	89	P.S.I. to (C)	71	P.S.I.
Initial Closed In Period	Minutes 60	(D)	477	P.S.I.		
Final Flow Period	Minutes 45	(E)	93	P.S.I. to (F)	91	P.S.I.
Final Closed In Period	Minutes 90	(G)	483	P.S.I.		
Final Hydrostatic Pressure		(H)	2095	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 2/2/79 Test Ticket No. 1530

Recorder No. 2607 Capacity 4150 Location 4194 Ft.

Clock No. - Elevation - Well Temperature 117 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2110	P.S.I.
B	First Initial Flow Pressure	89	P.S.I.
C	First Final Flow Pressure	71	P.S.I.
D	Initial Closed-in Pressure	477	P.S.I.
E	Second Initial Flow Pressure	93	P.S.I.
F	Second Final Flow Pressure	91	P.S.I.
G	Final Closed-in Pressure	483	P.S.I.
H	Final Hydrostatic Mud	2095	P.S.I.

	Time Given	Time Computed
Open Tool	9:50P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	45 Mins.	45 Mins.
Final Closed-in Pressure	90 Mins.	96 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	89
P 2	5	72
P 3	10	71
P 4	15	71
P 5	20	71
P 6	25	71
P 7	30	71
P 8		
P 9		
P10		
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	71
	3	82
	6	148
	9	216
	12	271
	15	311
	18	341
	21	369
	24	390
	27	407
	30	419
	33	431
	36	439
	39	448
	42	454
	45	460
	48	463
	51	467
	54	470
	57	473
	60	477

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

Point	Minutes	Press.
	0	93
	5	82
	10	82
	15	82
	20	84
	25	84
	30	85
	35	87
	40	89
	45	91

Final Shut-In
Breakdown: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	91
	3	176
	6	250
	9	307
	12	345
	15	372
	18	392
	21	409
	24	422
	27	432
	30	441
	33	445
	36	449
	39	453
	42	458
	45	463
	48	466
	51	469
	54	471
	57	473
	60	475

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WESTERN TESTING CO., INC.
Pressure Data

Date 2/2/79 Test Ticket No. 1530

Recorder No. 2607 Capacity 4150 Location 4194 Ft.

Clock No. - Elevation - Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2110 P.S.I.	Open Tool	9:50P M	
B First Initial Flow Pressure	89 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	71 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	477 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	93 P.S.I.	Final Closed-in Pressure	90 Mins.	96 Mins.
F Second Final Flow Pressure	91 P.S.I.			
G Final Closed-in Pressure	483 P.S.I.			
H Final Hydrostatic Mud	2095 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

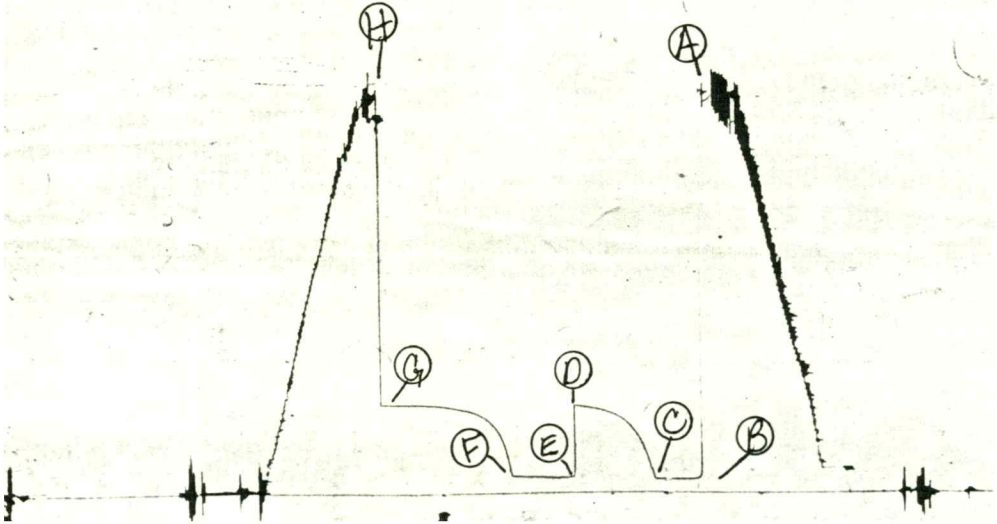
Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	476
P 2						66	478
P 3						69	479
P 4						72	479
P 5						75	480
P 6						78	480
P 7						81	481
P 8						84	481
P 9						87	482
P10						90	482
P11						93	483
P12						96	483
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

RK# 1530
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