

Company Jenkins Oil & Gas Company Lease & Well No. Nugen "B" #1
 Elevation 1233 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 12797
 Date 12/30 /81 Sec. 17 Twp. 34S Range 2E County Sumner State Kansas
 Test Approved by Ed Broyl-----? Western Representative Kenneth Kirkendall

Formation Test No. 1 Interval Tested from 3559 ft. to 3566 ft. Total Depth 3566 ft.
 Packer Depth 3559 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) _____ ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth _____ ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drlg. Rig #7 Drill Collar Length 90 I. D. - in.
 Mud Type chemical Viscosity 55 Weight Pipe Length - I. D. - in.
 Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length - I. D. - in.
 Chlorides 2,400 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length _____ 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 XH in.

Blow: Very weak blow throughout test.

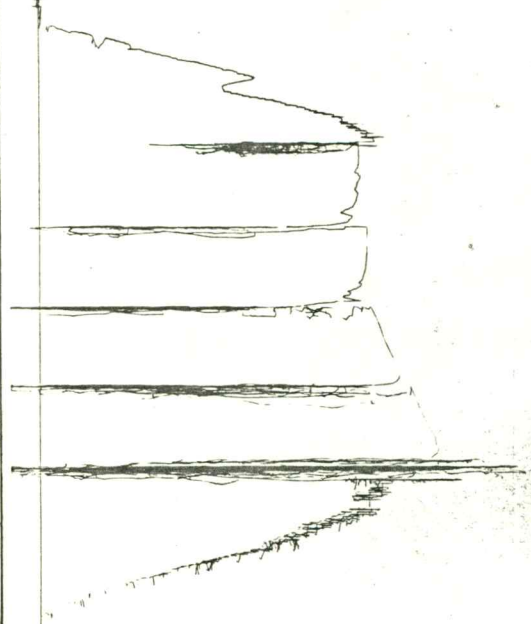
Recovered 10 ft. of mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of PLUGGED TOOL MISRUN
 Recovered _____ ft. of _____
 Recovered _____ ft. of SLID FOUR FEET.

Remarks: _____

Time Set Packer(s) 5:25 ~~A.M.~~ P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure _____ (A) 1799 P.S.I.
 Initial Flow Period _____ Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period _____ Minutes _____ (D) _____ P.S.I.
 Final Flow Period _____ Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period _____ Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure _____ (H) 1724 P.S.I.

IRI # 12797

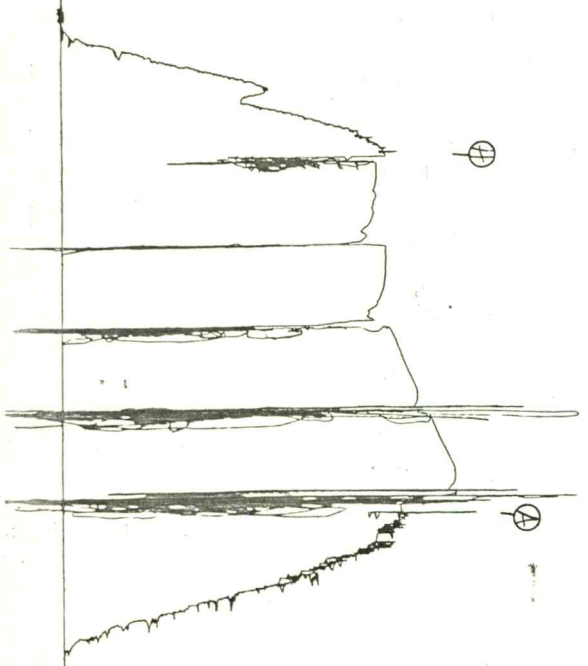
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IRI # 12797

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Company Jenkins Oil & Gas Company Lease & Well No. Nugen "B" #1
 Elevation 1233 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 12798
 Date 12/ 31/81 Sec. 17 Twp. 34S Range 2E County Sumner State Kansas
 Test Approved by Ed Broyl-----? Western Representative Kenneth Kirkendall

Formation Test No. 2 Interval Tested from 3559 ft. to 3569 ft. Total Depth 3569 ft.
 Packer Depth 3559 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3563 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 3566 ft. Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drlg. Rig #7 Drill Collar Length 90 I. D. - in.
 Mud Type chemical Viscosity 54 Weight Pipe Length - I. D. - in.
 Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length - I. D. - in.
 Chlorides 2,400 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 10 ft. Size 5 1/2 in.
 Did Well Flow? Gas Reversed Out - Surface Choke Size 3/4 Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Good blow throughout test. Gas to surface forty-five minutes on second flow. Not enough to gauge.

Recovered 170 ft. of free oil
 Recovered 30 ft. of heavy oil cut mud)
 Recovered 150 ft. of very slightly oil cut salt water) Gassy
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s)	<u>8:45</u>	A.M. P.M.	Time Started Off Bottom	<u>12:45</u>	A.M. P.M.	Maximum Temperature	<u>115°</u>
Initial Hydrostatic Pressure			(A)	<u>1817</u>		P.S.I.	
Initial Flow Period			Minutes	<u>55</u>	(B)	<u>32</u>	P.S.I. to (C) <u>63</u> P.S.I.
Initial Closed In Period			Minutes	<u>60</u>	(D)	<u>949</u>	P.S.I.
Final Flow Period			Minutes	<u>60</u>	(E)	<u>104</u>	P.S.I. to (F) <u>135</u> P.S.I.
Final Closed In Period			Minutes	<u>60</u>	(G)	<u>913</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>1772</u>		P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 12/31/81 Test Ticket No. 12798
 Recorder No. 2605 Capacity 4150 Location 3563 Ft.
 Clock No. - Elevation 1233 Kelly Bushing Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1817	P.S.I.	8:45	M
B First Initial Flow Pressure	32	P.S.I.	60	Mins. 55 Mins.
C First Final Flow Pressure	63	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	949	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	104	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	135	P.S.I.		
G Final Closed-in Pressure	913	P.S.I.		
H Final Hydrostatic Mud	1772	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>11</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> 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	0	63	0	104	0	135
P 2	5	3	470	5	104	3	453
P 3	10	6	616	10	104	6	587
P 4	15	9	703	15	104	9	666
P 5	20	12	757	20	104	12	717
P 6	25	15	798	25	105	15	759
P 7	30	18	832	30	110	18	786
P 8	35	21	854	35	114	21	811
P 9	40	24	873	40	118	24	825
P10	45	27	888	45	124	27	840
P11	50	30	900	50	128	30	853
P12	55	33	908	55	132	33	863
P13		36	915	60	135	36	871
P14		39	923			39	879
P15		42	929			42	885
P16		45	933			45	889
P17		48	938			48	896
P18		51	941			51	901
P19		54	945			54	904
P20		57	949			57	907
		60	949			60	913

TRT # 12798 2605

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