WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Griggs Oil, Inc. Lease & Well No. Einsel #1

Elevation ------ Formation Mississippi Effective Pay --- Ft. Ticket No. 3565

Date 2/9/80 Sec. 14 Twp. 33S Range 17W County Comanche State Kansas

Test Approved by Douglas V. Davis, Jr. Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 5084 ft. to 5100 ft. Total Depth 5100 ft.

Packer Depth 5079 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 5084 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5090 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 5093 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Venture Drilling Rig #1 Drill Collar Length 90 I. D. 2¼ in.

Mud Type premix-drisp Viscosity 41 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4965 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 410 Anchor Length 16 ft. Size 5½OD in.

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

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

Blow: Weak blow increased to strong blow on first flow period. Strong blow throughout second flow period.

Recovered 210 ft. of oil and gas cut mud

Recovered 180 ft. of salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:15 ~~A.M.~~ P.M. Time Started Off Bottom 2:00 ~~A.M.~~ P.M. Maximum Temperature 128°

Initial Hydrostatic Pressure			(A)	2390	P.S.I.	
Initial Flow Period	Minutes 30	(B)	135	P.S.I. to (C)	114	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1563	P.S.I.		
Final Flow Period	Minutes 60	(E)	142	P.S.I. to (F)	167	P.S.I.
Final Closed In Period	Minutes 90	(G)	1580	P.S.I.		
Final Hydrostatic Pressure		(H)	2364	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 2/9/80 Test Ticket No. 3565

Recorder No. 2607 Capacity 4150 Location 5090 Ft.

Clock No. ------- Elevation ------ Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2390	P.S.I.	Open Tool	10:15P M	
B	First Initial Flow Pressure	135	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	114	P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1563	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	142	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	167	P.S.I.			
G	Final Closed-in Pressure	1580	P.S.I.			
H	Final Hydrostatic Mud	2364	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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Final Shut-In
Breakdown: 30 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	0	135		0	114		0	142		0	167
P 2	5	116		3	606		5	142		3	521
P 3	10	112		6	983		10	142		6	887
P 4	15	114		9	1176		15	146		9	1094
P 5	20	114		12	1297		20	150		12	1236
P 6	25	114		15	1372		25	157		15	1318
P 7	30	114		18	1416		30	161		18	1370
P 8				21	1454		35	163		21	1410
P 9				24	1481		40	167		24	1433
P10				27	1506		45	169		27	1460
P11				30	1521		50	169		30	1475
P12				33	1530		55	167		33	1487
P13				36	1539		60	167		36	1502
P14				39	1547					39	1513
P15				42	1555					42	1523
P16				45	1563					45	1532
P17										48	1538
P18										51	1544
P19										54	1549
P20										57	1554
										60	1559

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Recorder No. 2607 Capacity 4150 Location 5090 Ft

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Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2390 P.S.I.	Open Tool	10:15P M	
B First Initial Flow Pressure	135 P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C First Final Flow Pressure	114 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins
D Initial Closed-in Pressure	1563 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins
E Second Initial Flow Pressure	142 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins
F Second Final Flow Pressure	167 P.S.I.			
G Final Closed-in Pressure	1580 P.S.I.			
H Final Hydrostatic Mud	2364 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
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Second Flow Pressure
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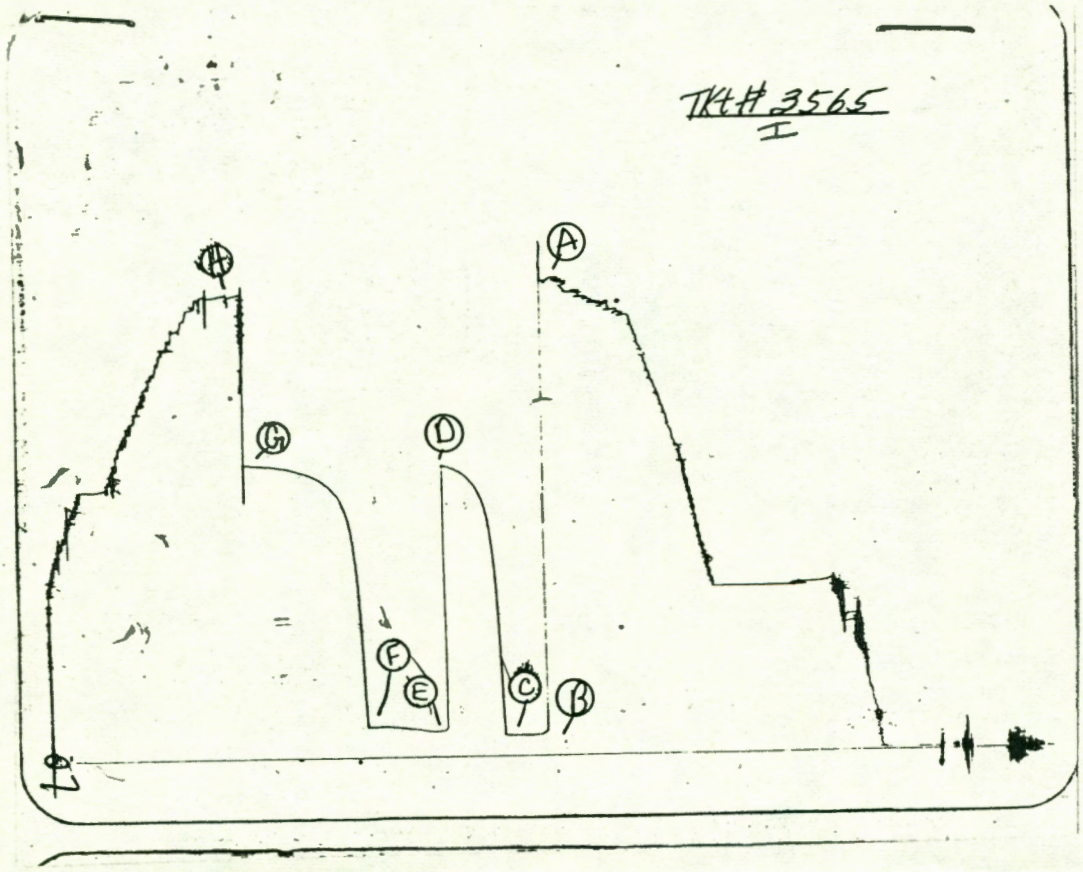
Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1562
P 2						66	1565
P 3						69	1568
P 4						72	1571
P 5						75	1574
P 6						78	1575
P 7						81	1576
P 8						84	1577
P 9						87	1579
P10						90	1580
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2510	2390	PSI
(B)	First Initial Flow Pressure	116	135	PSI
(C)	First Final Flow Pressure	116	114	PSI
(D)	Initial Closed-in Pressure	1563	1563	PSI
(E)	Second Initial Flow Pressure	137	142	PSI
(F)	Second Final Flow Pressure	169	167	PSI
(G)	Final Closed-in Pressure	1573	1580	PSI
(H)	Final Hydrostatic Mud	2489	2364	PSI

COMPANY_____ LEASE AND WELL NO._____ SEC._____ TWP._____ RGE._____ TEST NO._____ DATE_____