

Ricketts Testing, Inc.

ORIGINAL

API # 15-077-21279

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Company OIL PRODUCERS, INC. OF KANSAS Lease & Well No. FLINN #1
Elevation _____ Formation MISSISSIPPI Effective Pay _____ ft. Ticket No. 1737
Date 5-16-94 Sec. 14 Twp. 33 Range 6W County HARPER State KANSAS
Test Approved by BILL SHEPHERD Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 4381 ft. to 4470 ft. Total Depth 4470 ft.

Packer Depth 4381 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4378 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4386 ft. Recorder Number 13307 Cap. 4650

Bottom Recorder Depth (Outside) 4389 ft. Recorder Number 13306 Cap. 4625

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

Drilling Contractor Duke Drilling Rig #5 Drill Collar Length 537 I.D. 2.25 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length _____ I.D. _____ in.

Weight 9.2 Water Loss 10.2 cc. Drill Pipe Length 3824 I.D. 3.25 in.

Chlorides _____ P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 89 ft. Size 5 1/2 in.

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

Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Strong blow. Gas to surface in 15 minutes Final Flow Period. Gauged 15,400 CFPD at 60 minutes Final Flow Period.

Recovered 85 ft. of Mud, gas cut.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 10:45 A. Time Started Off Bottom 1:45 P. M. Maximum Temperature 122°

Initial Hydrostatic Pressure (A) 2123 P.S.I.

Initial Flow Period Minutes 30 (B) 41 P.S.I. to
(C) 61 P.S.I.

Initial Closed In Period Minutes 27 (D) 1599 P.S.I.

Final Flow Period Minutes 60 (E) 50 P.S.I. to
(F) 61 P.S.I.

Final Closed In Period Minutes 60 (G) 1690 P.S.I.

Final Hydrostatic Pressure (H) 2105 P.S.I.

RICKETTS TESTING, INC.

Pressure Data

Date 5-16-94 Test Ticket No. 1737
 Recorder No. 13306 Capacity 4625 Location 4389 Ft.
 Clock No. _____ Elevation _____ Well Temperature 122 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2123 P.S.I. Open Tool 10:45 A.M.
 B First Initial Flow Pressure 41 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 61 P.S.I. Initial Closed-in Pressure 30 Mins. 27 Mins.
 D Initial Closed-in Pressure 1599 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 50 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 F Second Final Flow Pressure 61 P.S.I.
 G Final Closed-in Pressure 1690 P.S.I.
 H Final Hydrostatic Mud 2105 P.S.I.

ORIGINAL

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.		Initial Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	41	0	61	0	50	0	61
P 2 5	4k	3	613	5	50	3	585
P 3 10	46	6	1003	10	50	6	1121
P 4 15	48	9	1214	15	43	9	1387
P 5 20	55	12	1354	20	46	12	1495
P 6 25	59	15	1450	25	48	15	1554
P 7 30	61	18	1513	30	50	18	1595
P 8 35		21	1558	35	52	21	1617
P 9 40		24	1590	40	54	24	1635
P10 45		27	1599	45	56	27	1649
P11 50		30		50	58	30	1658
P12 55		33		55	60	33	1667
P13 60		36		60	61	36	1672
P14 65		39		65		39	1676
P15 70		42		70		42	1678
P16 75		45		75		45	1680
P17 80		48		80		48	1682
P18 85		51		85		51	1684
P19 90		54		90		54	1686
P19 95		57				57	1688
P20		60				60	1690

Ricketts Testing

GAS FLOW REPORT

Date 5-16-94 Ticket 1737 Company Oil Producers, Inc. of Kansas
Well Name and No. Flinn #1 Dst No. 1 Interval Tested 4381-4470
County Harper State Kansas Sec. 14 Twp. 33 Rg. 6W

[illegible]

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing 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 Ricketts Testing 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 _____

Authorized by _____

DST#1 TK # 1737

