

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 1 Date 6/12/92
Company MOBIL OIL CO. Zone HERINGTON
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested	<u>' 2628-2652</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>24</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2623</u>	Drill Collar - 2.25 Ft. Run	<u>551</u>
Bottom Packer Depth	<u>2628</u>	Mud Wt.	<u>N/A</u> lb/Gal.
Total Depth	<u>2652</u>	Viscosity	<u>N/A</u>
		Filtrate	<u>N/A</u>

Tool Open @ 3:57 AM Initial Blow STRONG-BUILT TO BOTTOM AS TOOL OPENED/ISI: BLED OFF
BLOW-SURFACE BLOW THROUGHOUT/GAUGED @ 44.8 MCF
Final Blow BOTTOM OF BUCKET AS TOOL OPENED
GAS TO SURFACE IN 4 MIN/GAUGED @ 33.0 MCF

Recovery - Total Feet 3 Flush Tool? NO

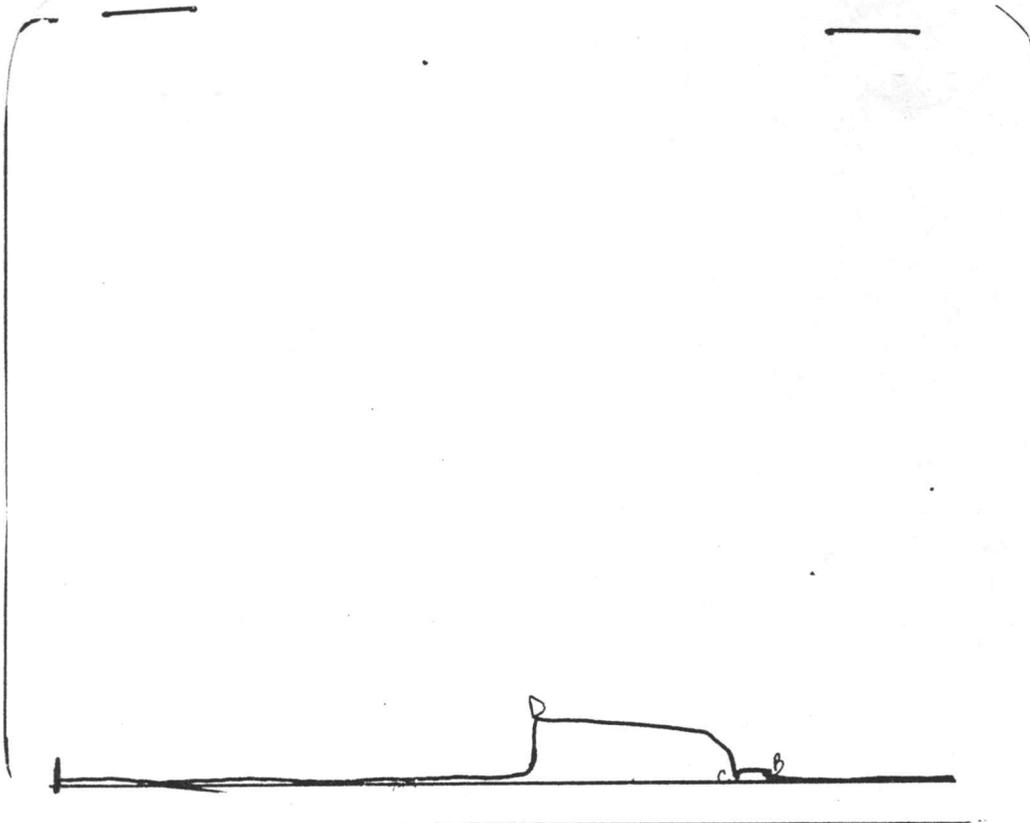
Rec. <u>3</u>	Feet of <u>WATER</u>
Rec. _____	Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.2 @ 77.1 °F Chlorides 4700 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 24174 Range 3050
(B) First Initial Flow Pressure 31.0 PSI @ (depth) 2649 w / Clock No. 27594
(C) First Final Flow Pressure 19.2 PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure 242.1 PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 5 Final Flow 360
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 120 Final Shut-in _____

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD		
(B) FIRST INITIAL FLOW PRESSURE	30	31
(C) FIRST FINAL FLOW PRESSURE	30	19.2
(D) INITIAL CLOSED-IN PRESSURE	247	242.1
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD		

GAS VOLUME REPORT

MOBIL OIL CO.

NIX OBSERVATION #1

DST # 1

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
1st OPEN							
3	18	0.75	60.2	40	76	0.375	31
5	10	0.75	44.8	50	80	0.375	31.8
				60	82	0.375	32.2
				70	84	0.375	32.6
				80	84	0.375	32.6
2nd OPEN							
10	52	0.375	25.7	90	84	0.375	33
20	62	0.375	28	100	86	0.375	33.4
30	70	0.375	29.8	110	88	0.375	33.8
				120	90	0.375	33.8
				130	90	0.375	33.8
				140	90	0.375	33.8
				150	90	0.375	33.8
				180	90	0.375	33.8
				210	90	0.375	33.8
				240	90	0.375	33.8
				270	88	0.375	33.4
				300	86	0.375	33

Remarks:

GAS VOLUME REPORT

MOBIL OIL CO.

NIX OBSERVATION #1

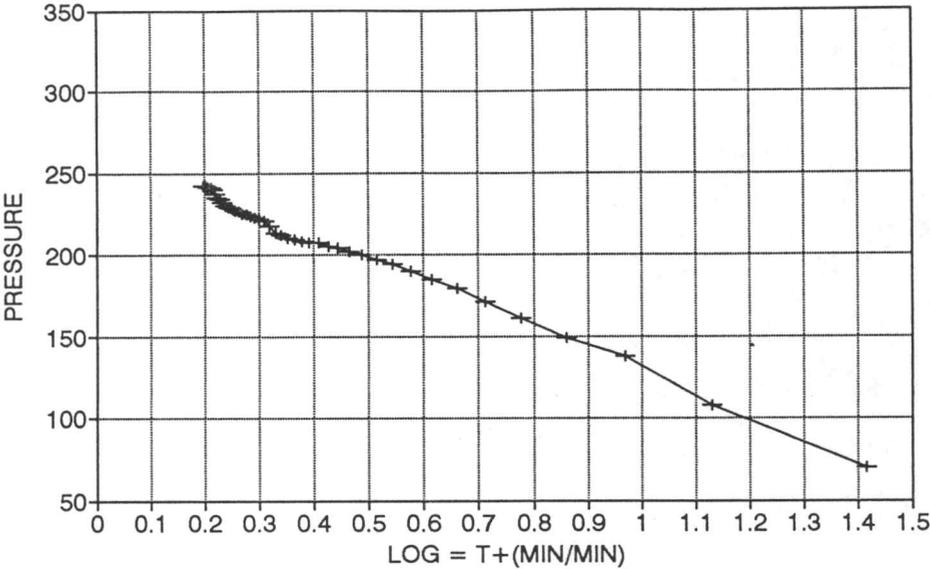
DST # 1

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
CONTINUED-PG 2							
				315	86	0.375	33
				330	86	0.375	33
				345	86	0.375	33
				360	86	0.375	33

Remarks: GAS TO SURFACE IN 4 MIN / GAS WILL BURN

HORNER PLOT

NIX OBSERVATION #1



NIX OBSERVATION #1
INITIAL SHUTIN

DST #1

120 TOTAL FLOW

TIME

Slope
P *

psi/cycle
psi

TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	70.4	1.415	70.4	26
6	107.8	1.130	37.4	14
9	137.8	0.970	30.0	9
12	149.1	0.860	11.3	7
15	161.2	0.778	12.1	6
18	171.0	0.713	9.8	5
21	179.3	0.660	8.3	5
24	184.6	0.615	5.3	4
27	189.9	0.577	5.3	4
30	194.4	0.544	4.5	4
33	196.7	0.515	2.3	3
36	199.7	0.489	3.0	3
39	202.0	0.466	2.3	3
42	204.2	0.445	2.2	3
45	205.0	0.426	0.8	3
48	207.3	0.409	2.3	3
51	207.3	0.393	0.0	2
54	208.0	0.378	0.7	2
57	209.5	0.365	1.5	2
60	210.3	0.352	0.8	2
63	211.8	0.341	1.5	2
66	213.3	0.330	1.5	2
69	217.9	0.320	4.6	2
72	220.5	0.310	2.6	2
75	221.7	0.301	1.2	2
78	222.4	0.293	0.7	2
81	223.2	0.285	0.8	2
84	224.7	0.277	1.5	2
87	225.4	0.270	0.7	2
90	226.2	0.263	0.8	2
93	227.0	0.257	0.8	2
96	228.5	0.251	1.5	2
99	229.2	0.245	0.7	2
102	230.0	0.239	0.8	2
105	232.3	0.234	2.3	2
108	233.8	0.229	1.5	2
111	234.5	0.224	0.7	2
114	236.8	0.220	2.3	2
117	239.4	0.215	2.6	2
120	240.6	0.211	1.2	2
123	241.4	0.207	0.8	2
126	242.1	0.203	0.7	2
129	242.1	0.199	0.0	2

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 2 Date 6/13/92
Company MOBIL OIL CO. Zone UPR KRIDER
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested 2683-2694
Anchor Length 11
Top Packer Depth 2678
Bottom Packer Depth 2683
Total Depth 2694

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 387
Mud Wt. _____ lb/Gal.
Viscosity N/A Filtrate N/A

Tool Open @ 9:47 AM Initial Blow WEAK BLOW BUILT TO 8"

Final Blow _____

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____

(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 15 Final Flow _____

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 480 Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 4945

Test Ticket

Well Name & No. Nix Observation #1 Test No. #2 Date 6-13-92
Company Mobil Zone Tested Upper Krider
Address _____ Elevation _____
Co. Rep./Geo. _____ Cont. Zenith Drly #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36 Rge. 36 Co. Stevens State Ks.
No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 2683 - 2694 Drill Pipe Size 4.5 x-Hole
Anchor Length 11' Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth 2678 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 2683 Wt. Pipe I.D. — 2.7 Ft. Run -
Total Depth 2694 Drill Collar — 2.25 Ft. Run 387'
Mud Wt. _____ lb/gal. Viscosity _____ Filtrate _____
Tool Open @ 9:47 AM Initial Blow weak blow built to 8'in.

Final Blow _____

Recovery — Total Feet 0 Feet of Gas in Pipe _____ Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. _____ Range _____
- (B) First Initial Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 15 Test X
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 480 Jars X

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow - Safety Joint X
Final Shut-In - Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____

Approved By Tom Penning
Our Representative Tom Horacek

TOTAL PRICE \$ 800.00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 3 Date 6/14/92
Company MOBIL OIL CO. Zone LWR KRIDER
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested 2706-2734 Drill Pipe Size 4.5 XH
Anchor Length 28 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2701 Drill Collar - 2.25 Ft. Run 387
Bottom Packer Depth 2706 Mud Wt. _____ N/A lb/Gal.
Total Depth 2734 Viscosity N/A Filtrate N/A

Tool Open @ 7:50 AM Initial Blow STRONG BLOW-BUILT TO BOTTOM OF BUCKET IN 1
MINUTE-GAS TO SURFACE-GAUGED @35.5 MCF
Final Blow STRONG BLOW-BOTTOM OF BUCKET AS TOOL OPENED
GAUGED @ 34.3 MCF

Recovery - Total Feet 1 Flush Tool? NO

Rec. 1 Feet of WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.7 @ 60 °F Chlorides 10000 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 24174 Range 3050

(B) First Initial Flow Pressure _____ PSI @ (depth) 2731 w / Clock No. 27594

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

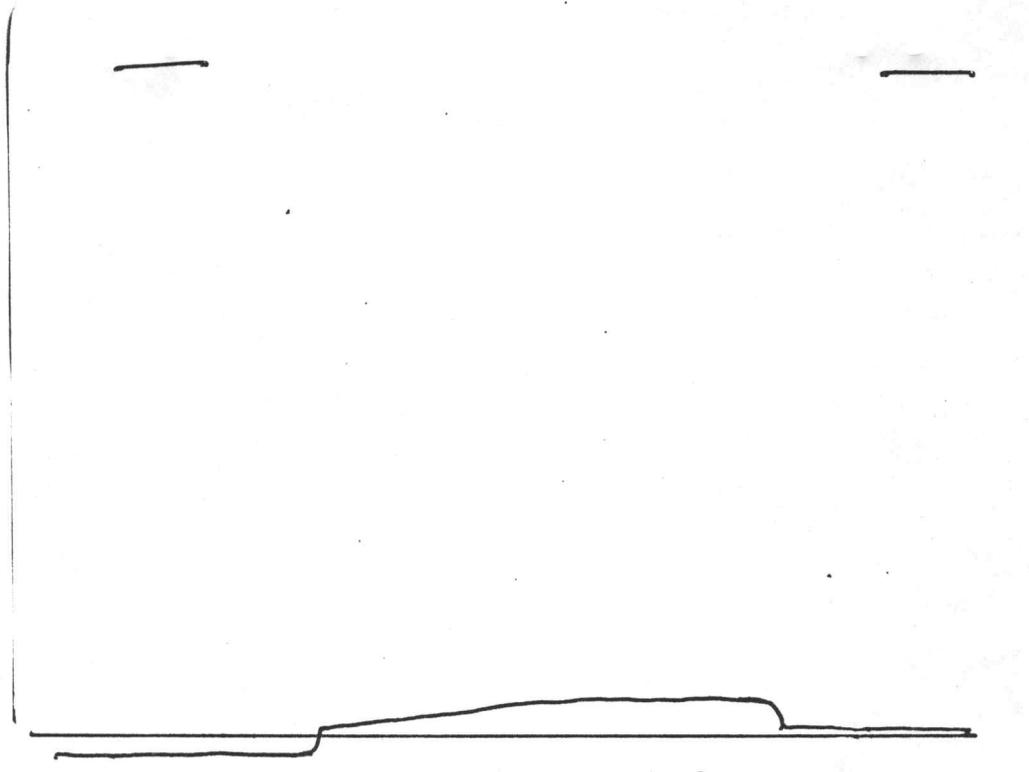
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 10 Final Flow 170

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 300 Final Shut-in OUT

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

GAS VOLUME REPORT

MOBIL OIL CO.

NIX OBSERVATION #1

DST # 3

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
10	32	0.5	35.5	10	30	0.5	34.3
				20	26	0.5	31.9
				30	26	0.5	31.9
				40	26	0.5	31.9
				50	26	0.5	31.9
				60	26	0.5	31.9
				70	30	0.5	34.3
				80	28	0.5	33.2
				90	28	0.5	33.2
				100	28	0.5	33.2
				110	28	0.5	33.2
				120	28	182	33.2
				130	28	0.5	33.2
				140	28	0.5	33.2
				150	30	0.5	34.3
				160	30	0.5	34.3
				170	30	0.5	34.3

Remarks: GAS TO SURFACE IN 8 MIN / GAS WILL BURN

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 4946

Well Name & No. <u>Nix Observation #1</u>	Test No. <u>#3</u>	Date <u>6-14-92</u>
Company <u>Mobil</u>	Zone Tested <u>Lower Krider</u>	
Address _____	Elevation _____	
Co. Rep./Geo. _____	Cont. <u>Zenith Drly #7</u>	Est. Ft. of Pay _____
Location: Sec. <u>25</u>	Twp. <u>36</u>	Rge. <u>36</u> Co. <u>Stevens</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>2706-2734</u>	Drill Pipe Size <u>4.5 x-Hole</u>
Anchor Length <u>28'</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>2701</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>2706</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>2734</u>	Drill Collar — 2.25 Ft. Run <u>387'</u>
Mud Wt. _____ lb/gal.	Viscosity _____ Filtrate _____

Tool Open @ 7:50 AM Initial Blow strong blow - built to bottom of bucket in 1 min
GTS in 8 min. Gauged @ 35.5 mcf

Final Blow strong blow - bottom of bucket as tool opened,
Gauged @ 34.3 mcf

Recovery — Total Feet <u>1'</u>	Feet of Gas in Pipe _____	Flush Tool? <u>NO</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>1'</u> Feet Of <u>water</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW .7 @ 60 °F Chlorides 10000 ppm Recovery Chlorides _____ ppm System

- (A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. 24174 Range 3050
- (B) First Initial Flow Pressure _____ PSI @ (depth) 2731 w/Clock No. 27594
- (C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (D) Initial Shut-In Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 10 Test X
- (H) Final Hydrostatic Mud _____ PSI Initial Shut-In 300 Jars X

Final Flow 170 Safety Joint X

Final Shut-In out Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

Approved By M.A. Cerning

Our Representative Tom Horacek

TOTAL PRICE \$ 800.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 4 Date 6/15/92
Company MOBIL OIL CO. Zone ODELL
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested 2737-2743 Drill Pipe Size 4.5 XH
Anchor Length 6 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2732 Drill Collar - 2.25 Ft. Run 387
Bottom Packer Depth 2737 Mud Wt. _____ N/A lb/Gal.
Total Depth 2743 Viscosity N/A Filtrate N/A

Tool Open @ 4:08 AM Initial Blow NO BLOW

Final Blow STRONG BLOW BUILT TO BOTTOM OF BUCKET IN 2 MINUTES
DECREASED TO A 2" BLOW

Recovery - Total Feet 1 Flush Tool? NO

Rec. 1 Feet of WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.6 @ 65 °F Chlorides 11000 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 120
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 300 Final Shut-in _____

Our Representative TOM HORACEK

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 5 Date 6/15/92
Company MOBIL OIL CO. Zone WINFIELD
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested 2762-2782 Drill Pipe Size 4.5 XH
Anchor Length 20 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2757 Drill Collar - 2.25 Ft. Run 387
Bottom Packer Depth 2762 Mud Wt. _____ N/A lb/Gal.
Total Depth 2782 Viscosity N/A Filtrate N/A

Tool Open @ 1:06 AM Initial Blow STRONG BLOW-BUILT TO BOTTOM OF BUCKET IN 1
MINUTE- GAS TO SURFACE/GAUGED @115 MCF
Final Blow BOTTOM OF BUCKET AS TOOL OPENED-GAUGED @141 MCF

Recovery - Total Feet 1 Flush Tool? NO

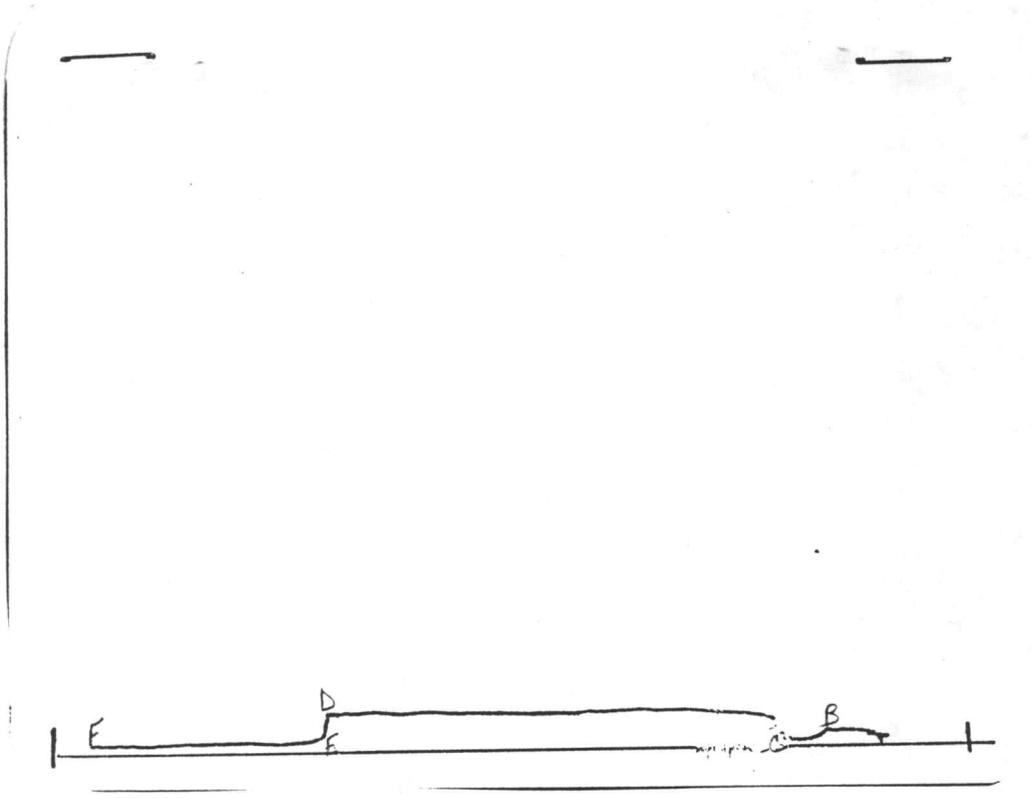
Rec. 1 Feet of WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.6 @ 66 °F Chlorides 11000 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 24174 Range 3050
(B) First Initial Flow Pressure 15.1 PSI @ (depth) 2779 w / Clock No. 27594
(C) First Final Flow Pressure 15.1 PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure 143.6 PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure 23.1 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 23.1 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 150
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 300 Final Shut-in 0

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD		
(B) FIRST INITIAL FLOW PRESSURE	14	15.1
(C) FIRST FINAL FLOW PRESSURE	14	15.1
(D) INITIAL CLOSED-IN PRESSURE	141	143.6
(E) SECOND INITIAL FLOW PRESSURE	22	23.1
(F) SECOND FINAL FLOW PRESSURE	22	23.1
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD		

GAS VOLUME REPORT

MOBIL OIL CO.

NIX OBSERVATION #1

DST # 5

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
5	26	1	132	5	34	1	151
10	22	1	121	10	34	1	151
15	22	1	121	15	34	1	151
20	20	1	115	20	34	1	151
25	20	1	115	50	30	1	141
30	20	1	115	80	32	1	146
				110	30	1	141
				140	30	1	141
				150	30	1	141

Remarks: GAS TO SURFACE IN 5 MIN / GAS WILL BURN

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 6 Date 6/16/92
Company MOBIL OIL CO. Zone GAGE
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested	<u>2790-2798</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>8</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>2785</u>	Drill Collar - 2.25 Ft. Run	<u>387</u>
Bottom Packer Depth	<u>2790</u>	Mud Wt.	<u>N/A</u> lb/Gal.
Total Depth	<u>2798</u>	Viscosity	<u>N/A</u> Filtrate <u>N/A</u>

Tool Open @ 7:08 PM ^{Initial} Blow WEAK BLOW THROUGHOUT
Final Blow NO BLOW

Recovery - Total Feet 0 Flush Tool? NO

Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. _____ Range _____
(B) First Initial Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 150
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 300 Final Shut-in 0

Our Representative TOM HORACEK

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NIX OBSERVATION #1 Test No. 7 Date 6/17/92
Company MOBIL OIL CO. Zone TOWANDA
Address 2319 N KANSAS LIBERAL KS 67901 Elevation _____
Co. Rep./Geo. JAY CUNNINGHAM Cont. ZENITH DRLG RIG #7 Est. Ft. of Pay _____
Location: Sec. 25 Twp. 36S Rge. 36W Co. STEVENS State KS

Interval Tested 2822-2842 Drill Pipe Size 4.5 XH
Anchor Length 20 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2817 Drill Collar - 2.25 Ft. Run 387
Bottom Packer Depth 2822 Mud Wt. _____ N/A lb/Gal.
Total Depth 2842 Viscosity N/A Filtrate N/A

Tool Open @ 3:55 PM Initial Blow STRONG BLOW BUILT TO BOTTOM IN 1 MINUTE
GAS TO SURFACE IN 8 MINUTES-GAUGED @30.7 MCF
Final Blow BOTTOM OF BUCKET AS TOOL OPENED-GAUGED @34.3 MCF

Recovery - Total Feet 3 Flush Tool? NO

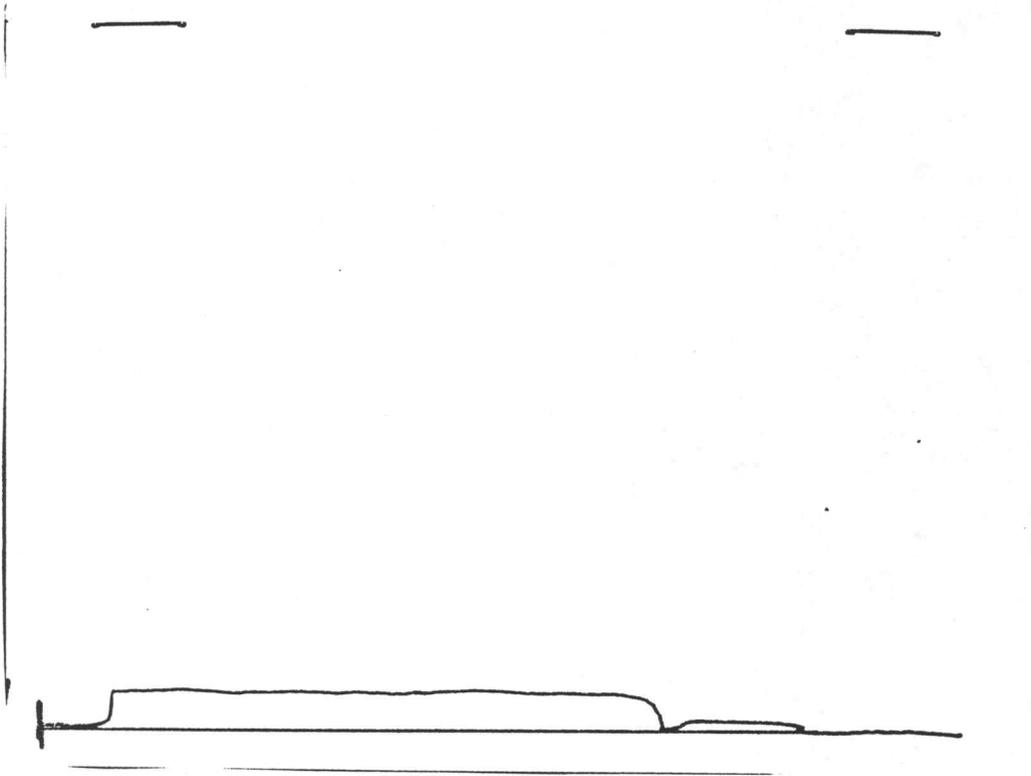
Rec. 3 Feet of WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.6 @ 55 °F Chlorides 1100 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 24174 Range 3050
(B) First Initial Flow Pressure 15.2 PSI @ (depth) 2839 w / Clock No. 27594
(C) First Final Flow Pressure 15.2 PSI AK1 Recorder No. _____ Range _____
(D) Initial Shut-in Pressure 166.9 PSI @ (depth) _____ w / Clock No. _____
(E) Second Initial Flow Pressure 23.4 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 23.4 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure _____ PSI Initial Opening 15 Final Flow 90
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 360 Final Shut-in 600

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD		
(B) FIRST INITIAL FLOW PRESSURE	14	15.2
(C) FIRST FINAL FLOW PRESSURE	14	15.2
(D) INITIAL CLOSED-IN PRESSURE	164	166.9
(E) SECOND INITIAL FLOW PRESSURE	22	23.4
(F) SECOND FINAL FLOW PRESSURE	22	23.4
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD		

GAS VOLUME REPORT

MOBIL OIL CO.

NIX OBSERVATION #1

DST # 7

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
2				5	28	0.5	33.2
4	38	0.25	10.4	10	26	0.5	31.9
6	42	0.5	40.7	15	26	0.5	31.9
8	34	0.5	36.5	20	26	0.5	31.9
10	30	0.5	34.3	25	28	0.5	31.9
12	26	0.5	31.9	30	28	0.5	31.9
14	24	0.5	30.7	35	28	0.5	33.2
15	24	0.5	30.7	40	28	0.5	33.2
				45	30	0.5	34.3
				50	30	0.5	34.3
				55	30	0.5	34.3
				60	30	0.5	34.3
				75	30	0.5	34.3
				90	30	0.5	34.3

Remarks: GAS TO SURFACE IN 8 MIN / GAS WILL BURN

FLUID SAMPLER DATA

Ticket No.: 4950 Date: 6/17/92
Company: MOBIL OIL CO.
Lease: NIX OBSERVATION #1 Test No.: 7
County: STEVENS Sec.: 25 Twp.: 36S Rng.: 36W

SAMPLER RECOVERY

Gas 4000
Oil
Mud
Water
Other 5 cu ft/gas
Pressure 125
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 34000
Resistivity 0.58 ohms@ 72 F
Viscosity N/A
Mud Wt. N/A
Filtrate N/A
Other FOAM

SAMPLER ANALYSIS

Resistivity ohms@ F
Chlorides ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm