



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
HUNTBROS1DST2

Company Nor-West Kansas Oil, LLC Lease & Well No. Hunt Bros. No. 1
Elevation 3075 KB Formation Marmaton Effective Pay _____ Ft. Ticket No. T507
Date 10-21-15 Sec. 23 Twp. 17S Range 34W County Scott State Kansas
Test Approved By Richard B. Bell Diamond Representative Tim Venters

Formation Test No. 2 Interval Tested from 4,478 ft. to 4,520 ft. Total Depth 4,520 ft.
Packer Depth 4,473 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,478 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,459 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,517 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor VW Drilling, LLC - Rig 10 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 47 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 4,325 ft. I.D. 3 1/2 in.
Chlorides 6,200 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 2 Anchor Length 42 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Very weak, surface blow lasting 3 mins. No blow back during shut-in.

2nd Open: Very weak, surface blow throughout. No blow back during shut-in.

Recovered 1 ft. of clean oil = .004920 bbls. (Grind out: 100%-oil)
Recovered 75 ft. of mud cut oil = .369000 bbls. (Grind out: 65%-oil; 35%-mud)
Recovered 76 ft. of TOTAL FLUID = .373920 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 78%-oil; 22%-mud

Time Set Packer(s) 6:28 A.M. Time Started off Bottom 8:13 A.M. Maximum Temperature 116°
Initial Hydrostatic Pressure.....(A) 2161 P.S.I.
Initial Flow Period.....Minutes 15 (B) 24 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 493 P.S.I.
Final Flow Period.....Minutes 30 (E) 44 P.S.I. to (F) 63 P.S.I.
Final Closed In Period.....Minutes 30 (G) 474 P.S.I.
Final Hydrostatic Pressure.....(H) 2161 P.S.I.

DIAMOND TESTING

General Information Report

General Information

Company Name NOR-WEST KANSAS OIL, LLC
Contact PATRICK WANKER
Well Name HUNT BROS. #1
Unique Well ID DST #2, MARMATON, 4478-4520
Surface Location SEC 23-17S-34W, SCOTT CO. KS.
Field ISBEL NORTHEAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, MARMATON, 4478-4520
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NOR-WEST KANSAS OIL, LLC
Report Date 2015/10/21
Prepared By TIM VENTERS
Qualified By RICHARD BELL

Start Test Date 2015/10/21
Final Test Date 2015/10/21

Start Test Time 04:18:00
Final Test Time 10:06:00

Test Recovery:

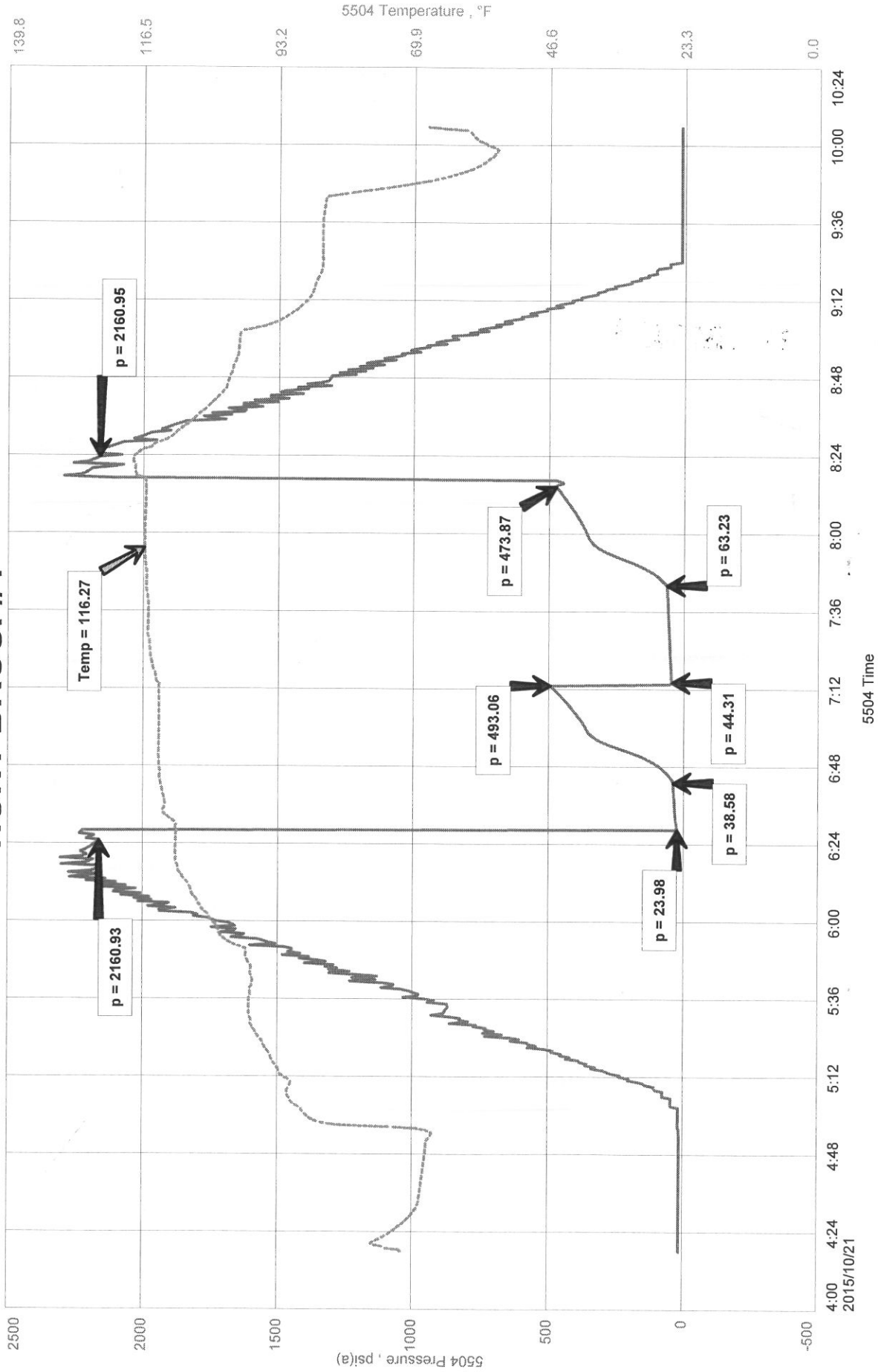
RECOVERED: 1' CLEAN OIL, 100% OIL
75' MCO, 65% OIL, 35% MUD
76' TOTAL FLUID

TOOL SAMPLE: 78% OIL, 22% MUD

NOR-WEST KANSAS OIL, LLC
 DST #2, MARMATON, 4478-4520
 Start Test Date: 2015/10/21
 Final Test Date: 2015/10/21

HUNT BROS. #1
 Formation: DST #2, MARMATON, 4478-4520
 Pool: WILDCAT
 Job Number: T507

HUNT BROS. #1





DIAMOND TESTING, LLC
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HUNTBROS1DST1

Company Nor-West Kansas Oil, LLC Lease & Well No. Hunt Bros. No. 1
Elevation 3075 KB Formation Pleasanton/Marmaton Effective Pay _____ Ft. Ticket No. T506
Date 10-20-15 Sec. 23 Twp. 17S Range 34W County Scott State Kansas
Test Approved By Richard B. Bell Diamond Representative _____ Tim Venters _____

Formation Test No. 1 Interval Tested from 4,413 ft. to 4,480 ft. Total Depth 4,480 ft.
Packer Depth 4,408 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,413 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,394 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,477 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor WW Drilling, LLC - Rig 10 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 47 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 4,260 ft. I.D. 3 1/2 in.
Chlorides 6,200 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 2 Anchor Length 35' perf. w/32' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1 1/2 ins. No blow back during shut-in.

2nd Open: Very weak, surface blow increasing to 1 in. No blow back during shut-in.

Recovered 70 ft. of mud cut water = .437500 bbls. (Grind out: 71%-water; 29%-mud) Chlorides: 23,000 Ppm PH: 7.5 RW: .34 @ 76°

Recovered 60 ft. of water cut mud = .295200 bbls. (Grind out: 35%-water; 65%-mud)

Recovered 130 ft. of TOTAL FLUID = .732700 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 39%-water; 61%-mud

Time Set Packer(s) 3:50 P.M. Time Started off Bottom 6:20 P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure.....(A) 2109 P.S.I.

Initial Flow Period.....Minutes 30 (B) 25 P.S.I. to (C) 59 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 1249 P.S.I.

Final Flow Period.....Minutes 30 (E) 61 P.S.I. to (F) 82 P.S.I.

Final Closed In Period.....Minutes 45 (G) 1243 P.S.I.

Final Hydrostatic Pressure.....(H) 2101 P.S.I.

DIAMOND TESTING

General Information Report

General Information

Company Name NOR-WEST KANSAS OIL, LLC
Contact PATRICK WANKER
Well Name HUNT BROS. #1
Unique Well ID DST #1, PLEAS./MARM., 4413-4480
Surface Location SEC 23-17S-34W, SCOTT CO. KS.
Field ISBEL NORTHEAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, PLEAS./MARM., 4413-4480
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NOR-WEST KANSAS OIL, LLC
Report Date 2015/10/20
Prepared By TIM VENTERS
Qualified By RICHARD BELL

Start Test Date 2015/10/20
Final Test Date 2015/10/20

Start Test Time 13:48:00
Final Test Time 20:31:00

Test Recovery:

RECOVERED: 70' MCW, 71% WATER, 29% MUD
60' WCM, 35% WATER, 65% MUD
130' TOTAL FLUID

TOOL SAMPLE: 39% WATER, 61% MUD

CHLORIDES: 23,000 ppm
PH: 7.5
RW: .34 @ 76 deg.

HUNT BROS. #1
 Formation: DST #1, PLEAS./MARM., 4413-4480
 Pool: WILDCAT
 Job Number: T506

NOR-WEST KANSAS OIL, LLC
 DST #1, PLEAS./MARM., 4413-4480
 Start Test Date: 2015/10/20
 Final Test Date: 2015/10/20

HUNT BROS. #1

