

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| | | | | |
|---|--|---------|-------------|-----------------------|
| Date of first Production/Injection or Resumed Production/Injection: | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |

| | | |
|---|---|------------------------------------|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: Top Bottom |
|---|---|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | |
|----------------|-------|---------|------------|--|

| | |
|-----------|--------------------------|
| Form | ACO1 - Well Completion |
| Operator | Raydon Exploration, Inc. |
| Well Name | COX LAND 1-5 |
| Doc ID | 1337992 |

All Electric Logs Run

| |
|--|
| |
| Spectral Density Dual Spaced Neutron Log |
| Array Compensated True Resistivity Log |
| Borehole Compensated Sonic Log |
| Microlog |

PRESSURE PUMPING

Job Log

| | | | | | |
|---------------------------|-----------------------------|-------------------------|-----------------------------|--------------------------|---|
| Customer: | Raydon Exploration | Cement Pump No.: | 38117, 19919 15.5Hrs. | Operator TRK No.: | 78938 |
| Address: | 1601 NW Expressway STE 1300 | Ticket #: | 1718 13193 L | Bulk TRK No.: | 19827, 19808 Santiago 33021, 14284 Chad |
| City, State, Zip: | OKC OK 73118 | Job Type: | Z42 - Cement Surface Casing | | |
| Service District: | 1718 - Liberal, Ks. | Well Type: | OIL | | |
| Well Name and No.: | Cox Land 1-5 | Well Location: | 5,28,32 | County: | Haskell |
| | | | | State: | Ks |

| Type of Cmt | Sacks | Additives | Truck Loaded On | | |
|---------------------|-------|---|-----------------------|-------|------|
| A-Con' Blend | 400 | 3% Calcium Chloride, 1/4# Polyflake, .2% WCA1 | 19827, 19808 Santiago | Front | Back |
| Premium Plus Cement | 150 | 2% Calcium Chloride, 1/4# Polyflake | 33021, 14284 Chad | Front | Back |
| | | | | Front | Back |

| Lead/Tail: | Weight #1 Gal. | Cu/Ft/sk | Water Requirements | CU. FT. | Man Hours / Personnel | |
|--------------|----------------|----------|--------------------|---------|-----------------------|------|
| Lead: | 11.4 | 2.95 | 18.1 | 1180 | Man Hours: | 16.5 |
| Tail: | 14.8 | 1.34 | 6.33 | 201 | # of Men on Job: | 4 |

| Time (am/pm) | (BPM) | Volume (BBLS) | Pumps | | Pressure(PSI) | | Description of Operation and Materials |
|--------------|-------|---------------|-------|---|---------------|--------|--|
| | | | T | C | Tubing | Casing | |
| 15:30 | | | | | | | ON LOCATION |
| 16:00 | | | | | | | SAFETY MEETING |
| 4:15 PM | | | | | | | RIG UP |
| 4:45 PM | | | | | | | WAIT ON RIG |
| 8:00 PM | | | | | | | RIG UP TO CIRCULATE |
| 20:07 | | | | | | | CIRCULATE HOLE |
| 20:25 | | | | | | | RIG TO P.T. |
| 8:31 PM | | | | | | | PRESSURE TEST TO 2700PSI |
| 20:37 | 5.2 | 210.1 slurry | | | | 170 | PUMP 400SX LEAD @ 11.4# |
| 21:20 | 5.2 | 35.7 | | | | 170 | PUMP 150SX TAIL @ 14.8# |
| 21:33 | | | | | | | SHUTDOWN / DROP PLUG / W.P. |
| | 5 | 20 | | | | 100 | DISPLACE |
| | 5 | 30 | | | | 140 | |
| | 5 | 40 | | | | 150 | |
| | 5 | 50 | | | | 210 | |
| | 5 | 60 | | | | 260 | |
| | 4.9 | 70 | | | | 310 | |
| | 4.8 | 80 | | | | 370 | |
| 21:57 | 4.7 | 90 | | | | 420 | SLOW RATE TO 2.0B.P.M. @ 370PSI |
| | 2 | 100 | | | | 410 | |
| 22:02 | 2 | 101.6 | | | | 420 | LAND PLUG / PRESSURE UP TO 1020PSI |
| 22:04 | | | | | | | RELEASE BACK --- FLOAT HELD |
| | | | | | | | NO CEMENT RETURNS 1" |

| | | | | | | | |
|-----------------|------------|-------|-------|------------|----------|----------------|--|
| Size Hole | 12 1/4" | Depth | | | TYPE | Plug Container | |
| Size & Wt. Csg. | 8 5/8" 24# | Depth | 1640' | New / Used | Packer | Depth | |
| tbg. | | Depth | | | Retainer | Depth | |
| Top Plugs | | Type | | | Perfs | CIBP | |

| | | |
|---------------------|-----------------------|--------------------|
| Customer Signature: | Basic Representative: | Daniel Beck |
| | Basic Signature: | <i>Daniel Beck</i> |
| | Date of Service: | 11/25/2016 |

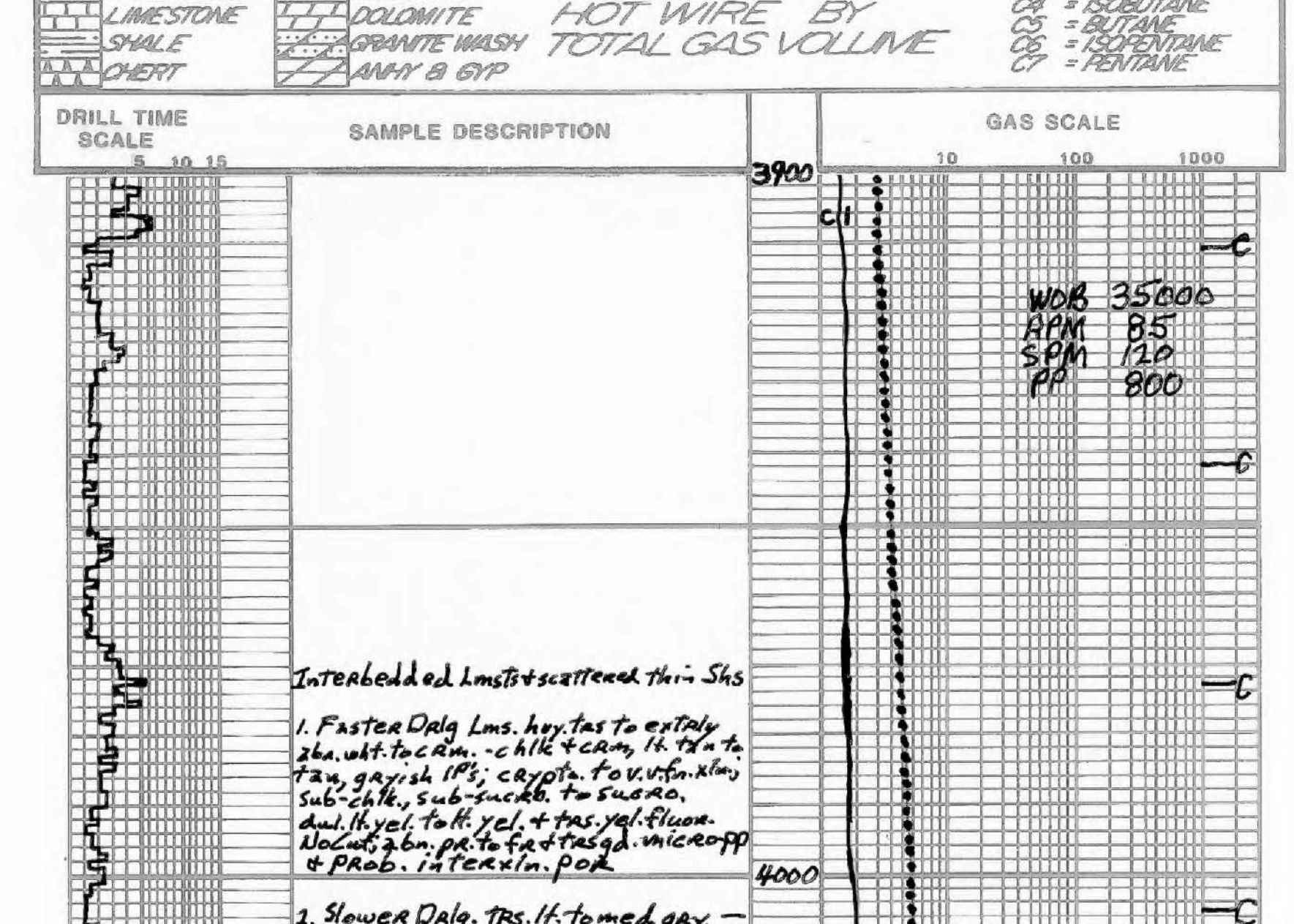
COMPANY Raydon Exploration, Inc.
LEASE Cox Land #2001 FNL + 2000 FWL
LOCATION 5 Twp 28S R10E R15E
COUNTY Haskell STATE Kansas

CONTRACTOR Quest Drilling Co.
RTO 5600 LTD 5601
NO. OF DST'S Five No. of Core Above

DRILLING TIME 3900 TO 5600
SAMPLES EXAMINED FROM 3900 TO 5600
GEOLOGICAL SUPERVISION FROM 3900 TO 5600

REMARKS Earth Tech LI-896-543-837B had an unmanned gas detection
TRAILER on this well from 3900 feet to total depth.

Table with columns: SANDSTONE, LIMESTONE, SHALE, CHERT, SILTSTONE, DOLOMITE, GRANITE WASH, SANDY & GP.



Main log table with columns: LITHOLOGY, SAMPLE DESCRIPTION, GAS SCALE. Includes detailed lithological descriptions and gas analysis data.

Summary table with columns: Date, Depth, WT, Vis, PV, YP, GS, WL, Calk, PH, CH, Ca, LCN. Includes mud logs and other well data.



DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 COXLAND1-5DST1

Company Raydon Exploration, Inc. Lease & Well No. Cox Land No. 1-5
 Elevation 2944 KB Formation Marmaton Effective Pay _____ Ft. Ticket No. T577
 Date 12-1-16 Sec. 5 Twp. 28S Range 32W County Haskell State Kansas
 Test Approved By Edwin H. Grieves Diamond Representative Tim Venters

Formation Test No. 1 Interval Tested from 4,772 ft. to 4,785 ft. Total Depth 4,832 ft.
 Packer Depth 4,767 ft. Size 6 3/4 in. Packer Depth 4,785 ft. Size 6 3/4 in.
 Packer Depth 4,772 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set 4,785 ft.

Top Recorder Depth (Inside) 4,753 ft. Recorder Number 5504 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,782 ft. Recorder Number 13618 Cap. 5,025 psi.
 Below Straddle Recorder Depth 4,797 ft. Recorder Number 5514 Cap. 5,000 psi.

Drilling Contractor Quest Drilling Services, LLC - Rig 102 Drill Collar Length 364 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 53 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.0 Water Loss 4.0 cc. Drill Pipe Length 4,375 ft I.D. 3 1/2 in.
 Chlorides 1,800 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 4 Anchor Length 13' perf. w/47' tail 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 1/4 in. No blow back during shut-in.

Recovered 10 ft. of mud cut water w/trace oil = .049200 bbls. (Grind out: Trace-oil; 79%-water; 21%-mud)
 Recovered 90 ft. of slightly mud cut water w/trace oil = .442800 bbls. (Grind out: Trace-oil; 95%-water; 5%-mud)
 Recovered 100 ft. of TOTAL FLUID = .492000 bbls. Chlorides: 54,000 Ppm PH: 6.5 RW: .18 @ 65°
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: Trace-oil; 58%-water; 42%-mud
Blow on the final flow period didn't start until 10-25 mins. into period.

Time Set Packer(s) 6:43 P.M. Time Started off Bottom 11:13 P.M. Maximum Temperature 121°
 Initial Hydrostatic Pressure.....(A) 2268 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 12 P.S.I. to (C) 42 P.S.I.
 Initial Closed In Period.....Minutes 60 (D) 1260 P.S.I.
 Final Flow Period.....Minutes 60 (E) 47 P.S.I. to (F) 88 P.S.I.
 Final Closed In Period.....Minutes 120 (G) 1314 P.S.I.
 Final Hydrostatic Pressure.....(H) 2262 P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

| | | | | | |
|---------------------|----------------------------------|----------------|--------------------------|------------|------|
| Company Name | RAYDON EXPLORATION, INC. | Contact | MYRON HESTON | Job Number | T577 |
| Well Name | COX LAND #1-5 | Representative | TIM VENTERS | | |
| Unique Well ID | DST #1, MARMATON, 4772-4785-4832 | Well Operator | RAYDON EXPLORATION, INC. | | |
| Surface Location | SEC 5-28S-32W, HASKELL CO. KS. | Report Date | 2016/12/02 | | |
| Well License Number | | Prepared By | TIM VENTERS | | |
| Field | PRAIRIE DUNES | | | | |
| Well Type | Vertical | | | | |

Test Information

| | |
|-----------------|----------------------------------|
| Test Type | STRADDLE |
| Formation | DST #1, MARMATON, 4772-4785-4832 |
| Well Fluid Type | 01 Oil |
| Test Purpose | Initial Test |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2016/12/01 | Start Test Time | 15:50:00 |
| Final Test Date | 2016/12/02 | Final Test Time | 02:01:00 |

Gauge Name 5504

Test Results

RECOVERED: 10' MCW W/TR. O, TRACE OIL <1%, 79% WATER, 21% MUD
 90' SMCW W/TR. O, TRACE OIL <1%, 95% WATER, 5% MUD
 100' TOTAL FLUID

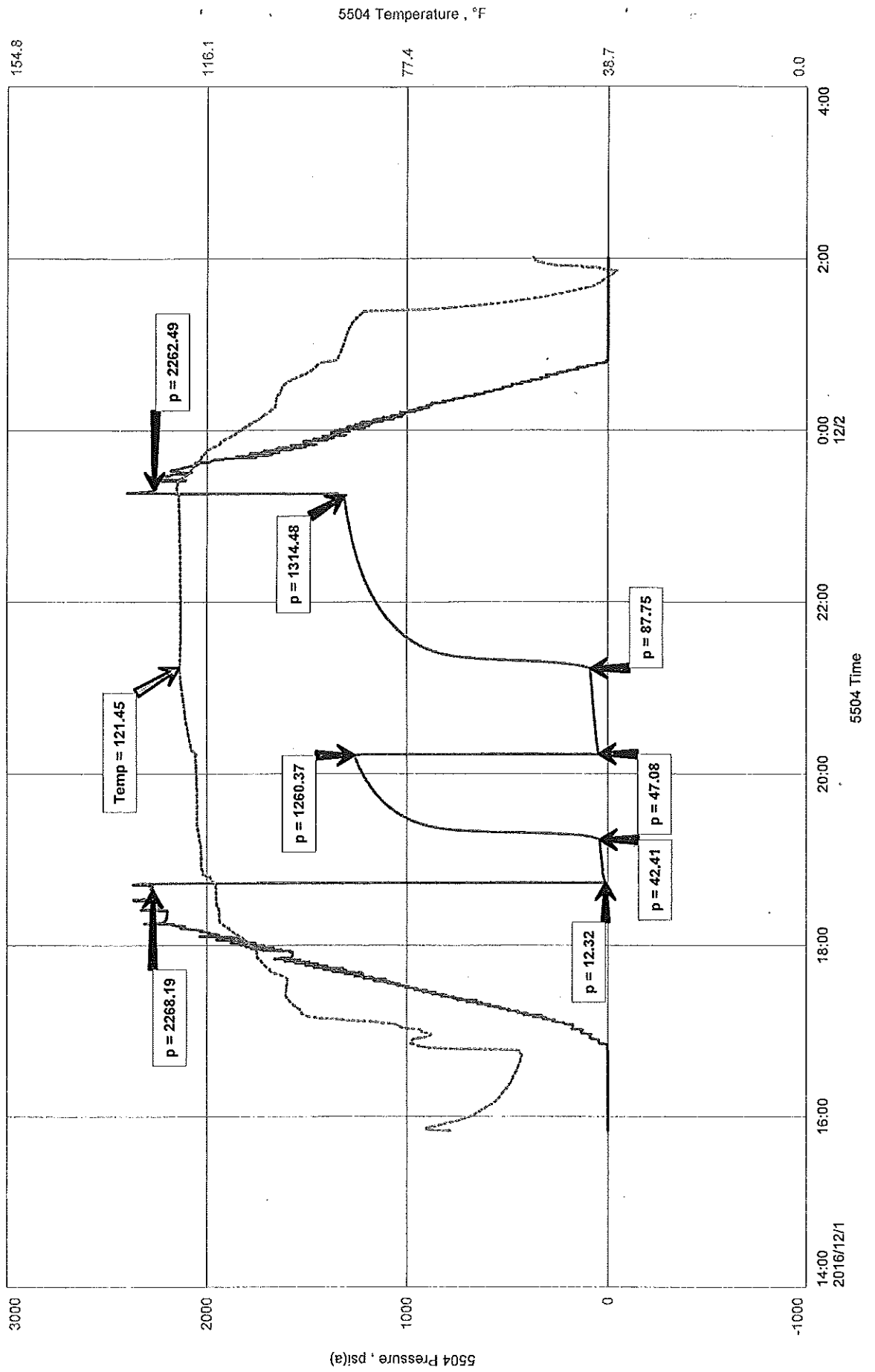
TOOL SAMPLE: TRACE OIL <1%, 58% WATER, 42% MUD

CHLORIDES: 54,000 ppm
 PH: 6.5
 RW: .18 @ 65 deg.

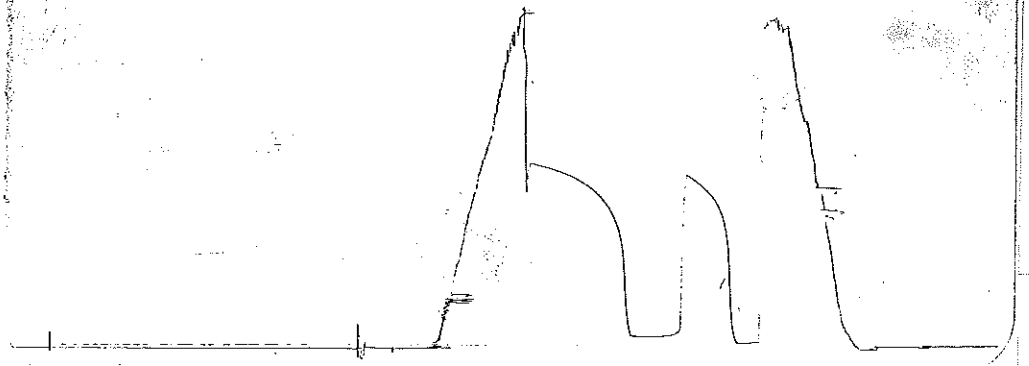
RAYDON EXPLORATION, INC.
DST #1, MARMATON, 4772-4785-4832
Start Test Date: 2016/12/01
Final Test Date: 2016/12/02

COX LAND #1-5
Formation: DST #1, MARMATON, 4772-4785-4832
Pool: WILDCAT
Job Number: T577

COX LAND #1-5



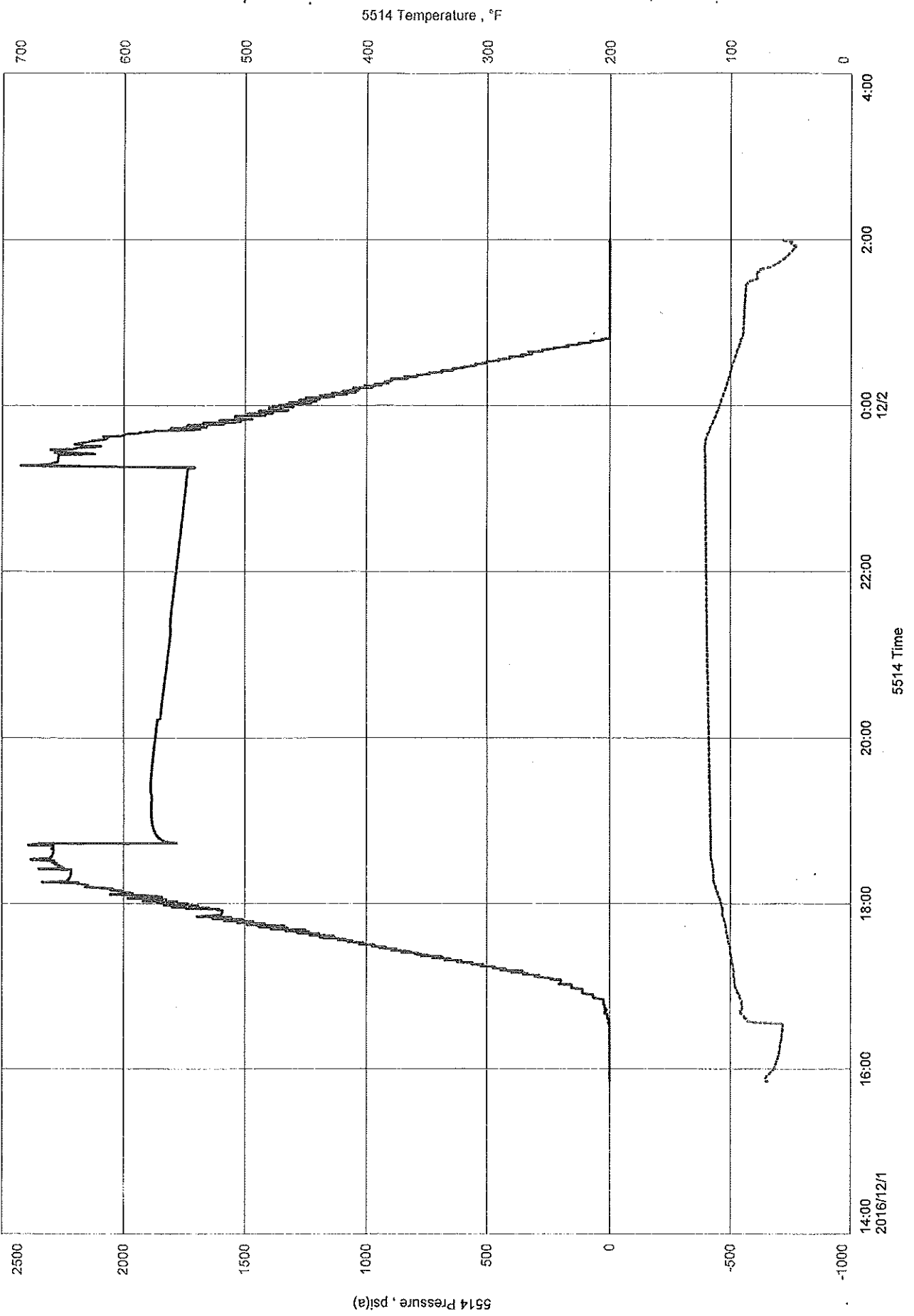
12-1-16
Cox Land #15
DET #1
Middle Rec.



RAYDON EXPLORATION, INC.
DST #1, MARMATON, 4772-4785-4832
Start Test Date: 2016/12/01
Final Test Date: 2016/12/02

COX LAND #1-5
Formation: DST #1, MARMATON, 4772-4785-4832
Pool: WILDCAT
Job Number: T577

COX LAND #1-5





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
COXLAND1-5DST2

Company Raydon Exploration, Inc. Lease & Well No. Cox Land No. 1-5
Elevation 2944 KB Formation Morrow FM Effective Pay Ft. Ticket No. T578
Date 12-4-16 Sec. 5 Twp. 28S Range 32W County Haskell State Kansas
Test Approved By Edwin H. Grieves Diamond Representative Tim Venters

Formation Test No. 2 Interval Tested from 5,147 ft. to 5,210 ft. Total Depth 5,210 ft.
Packer Depth 5,142 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 5,147 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,128 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 5,207 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Quest Drilling Services, LLC - Rig 102 Drill Collar Length 364 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 58 Weight Pipe Length ft I.D. in.
Weight 9.0 Water Loss 4.8 cc. Drill Pipe Length 4,750 ft I.D. 3 1/2 in.
Chlorides 1,900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 4 Anchor Length 31' 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 1/4 in. No blow back during shut-in.
2nd Open: No blow throughout. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .049200 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 1:21 A.M. Time Started off Bottom 5:21 A.M. Maximum Temperature 124°
Initial Hydrostatic Pressure.....(A) 2420 P.S.I.
Initial Flow Period.....Minutes 30 (B) 101 P.S.I. to (C) 171 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 1063 P.S.I.
Final Flow Period.....Minutes 30 (E) 43 P.S.I. to (F) 64 P.S.I.
Final Closed In Period.....Minutes 120 (G) 926 P.S.I.
Final Hydrostatic Pressure.....(H) 2399 P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

| | | | |
|---------------------|--------------------------------|----------------|--------------------------|
| Company Name | RAYDON EXPLORATION, INC. | Job Number | T578 |
| Contact | MYRON HESTON | Representative | TIM VENTERS |
| Well Name | COX LAND #1-5 | Well Operator | RAYDON EXPLORATION, INC. |
| Unique Well ID | DST #2, MORROW FM, 5147-5210 | Report Date | 2016/12/04 |
| Surface Location | SEC 5-28S-32W, HASKELL CO. KS. | Prepared By | TIM VENTERS |
| Well License Number | | | |
| Field | PRAIRIE DUNES | | |
| Well Type | Vertical | | |

Test Information

| | |
|-----------------|------------------------------|
| Test Type | CONVENTIONAL |
| Formation | DST #2, MORROW FM, 5147-5210 |
| Well Fluid Type | 01 Oil |
| Test Purpose | Initial Test |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2016/12/03 | Start Test Time | 21:55:00 |
| Final Test Date | 2016/12/04 | Final Test Time | 10:30:00 |

| | |
|------------|------|
| Gauge Name | 5504 |
|------------|------|

Test Results

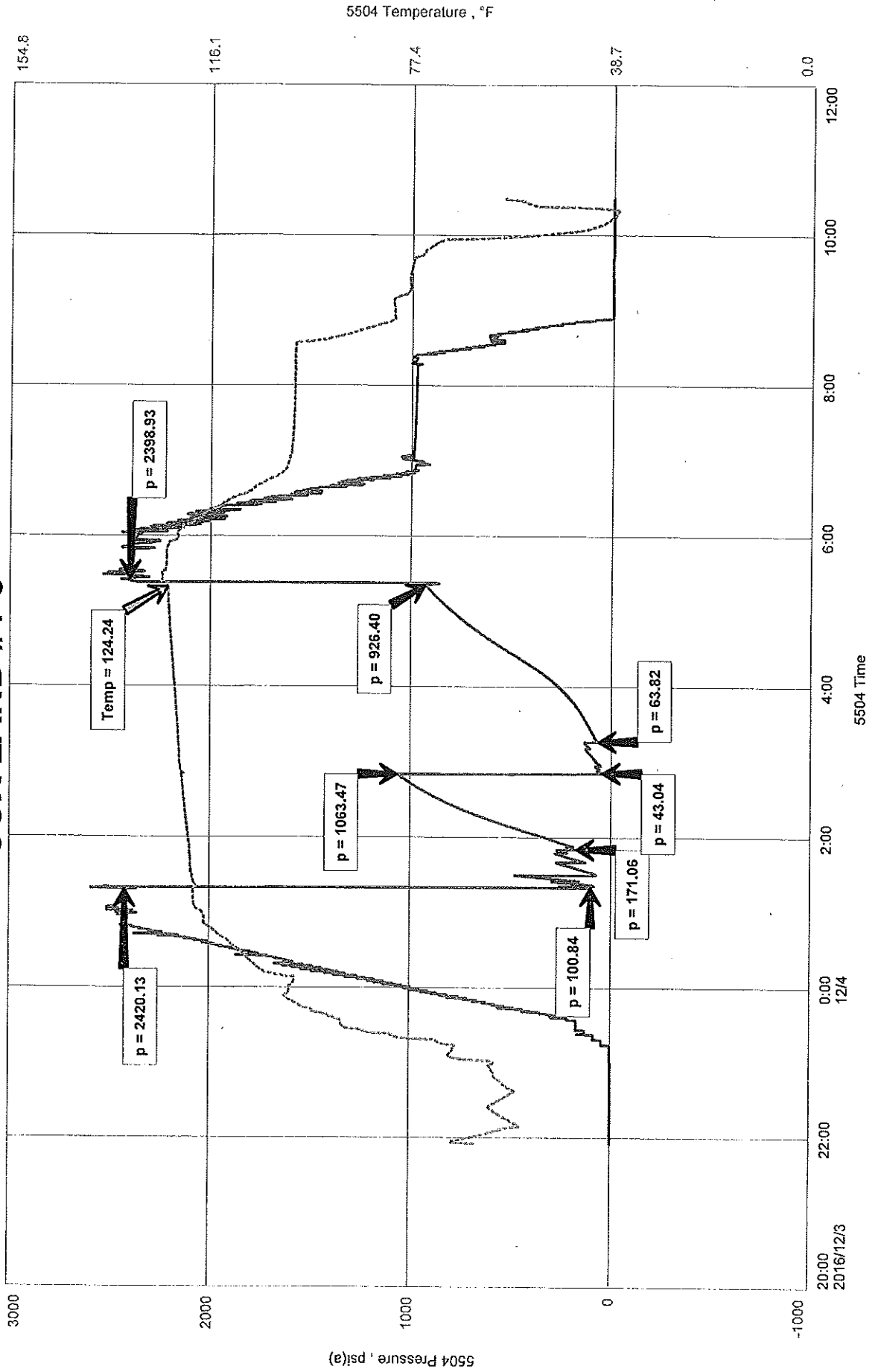
RECOVERED: 10' DRILLING MUD

TOOL SAMPLE: 100% DRILLING MUD

RAYDON EXPLORATION, INC.
DST #2, MORROW FM, 5147-5210
Start Test Date: 2016/12/03
Final Test Date: 2016/12/04

COX LAND #1-5
Formation: DST #2, MORROW FM, 5147-5210
Pool: WILDCAT
Job Number: T578

COX LAND #1-5





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
COXLAND1-5DST3

Company Raydon Exploration, Inc. Lease & Well No. Cox Land No. 1-5
Elevation 2944 KB Formation Morrow Quartz Sandstone Effective Pay Ft. Ticket No. T579
Date 12-5-16 Sec. 5 Twp. 28S Range 32W County Haskell State Kansas
Test Approved By Edwin H. Grieves Diamond Representative Tim Venters

Formation Test No. 3 Interval Tested from 5,194 ft. to 5,240 ft. Total Depth 5,240 ft.
Packer Depth 5,189 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 5,194 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,175 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 5,237 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Quest Drilling Services, LLC - Rig 102 Drill Collar Length 364 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 84 Weight Pipe Length ft I.D. in.
Weight 8.9 Water Loss 5.6 cc. Drill Pipe Length 4,797 ft I.D. 3 1/2 in.
Chlorides 2,500 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 4 Anchor Length 46 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: PACKER FAILURE!

2nd Open: N/A

Recovered 370 ft. of drilling mud = 1.876260 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) Time Started off Bottom Maximum Temperature
Initial Hydrostatic Pressure.....(A) P.S.I.
Initial Flow Period.....Minutes 0 (B) P.S.I. to (C) P.S.I.
Initial Closed In Period.....Minutes 0 (D) P.S.I.
Final Flow Period.....Minutes 0 (E) P.S.I. to (F) P.S.I.
Final Closed In Period.....Minutes 0 (G) P.S.I.
Final Hydrostatic Pressure.....(H) P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

| | | | |
|---------------------|-------------------------------------|----------------|--------------------------|
| Company Name | RAYDON EXPLORATION, INC. | Job Number | T578 |
| Contact | MYRON HESTON | Representative | TIM VENTERS |
| Well Name | COX LAND #1-5 | Well Operator | RAYDON EXPLORATION, INC. |
| Unique Well ID | DST #3, MORROW QTZ SD ST, 5194-5240 | Report Date | 2016/12/05 |
| Surface Location | SEC 5-28S-32W, HASKELL CO. KS. | Prepared By | TIM VENTERS |
| Well License Number | | | |
| Field | PRAIRIE DUNES | | |
| Well Type | Vertical | | |

Test Information

| | |
|-----------------|-------------------------------------|
| Test Type | CONVENTIONAL |
| Formation | DST #3, MORROW QTZ SD ST, 5194-5240 |
| Well Fluid Type | 01 Oil |
| Test Purpose | Initial Test |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2016/12/04 | Start Test Time | 23:12:00 |
| Final Test Date | 2016/12/05 | Final Test Time | 05:47:00 |

| | |
|------------|------|
| Gauge Name | 5504 |
|------------|------|

Test Results

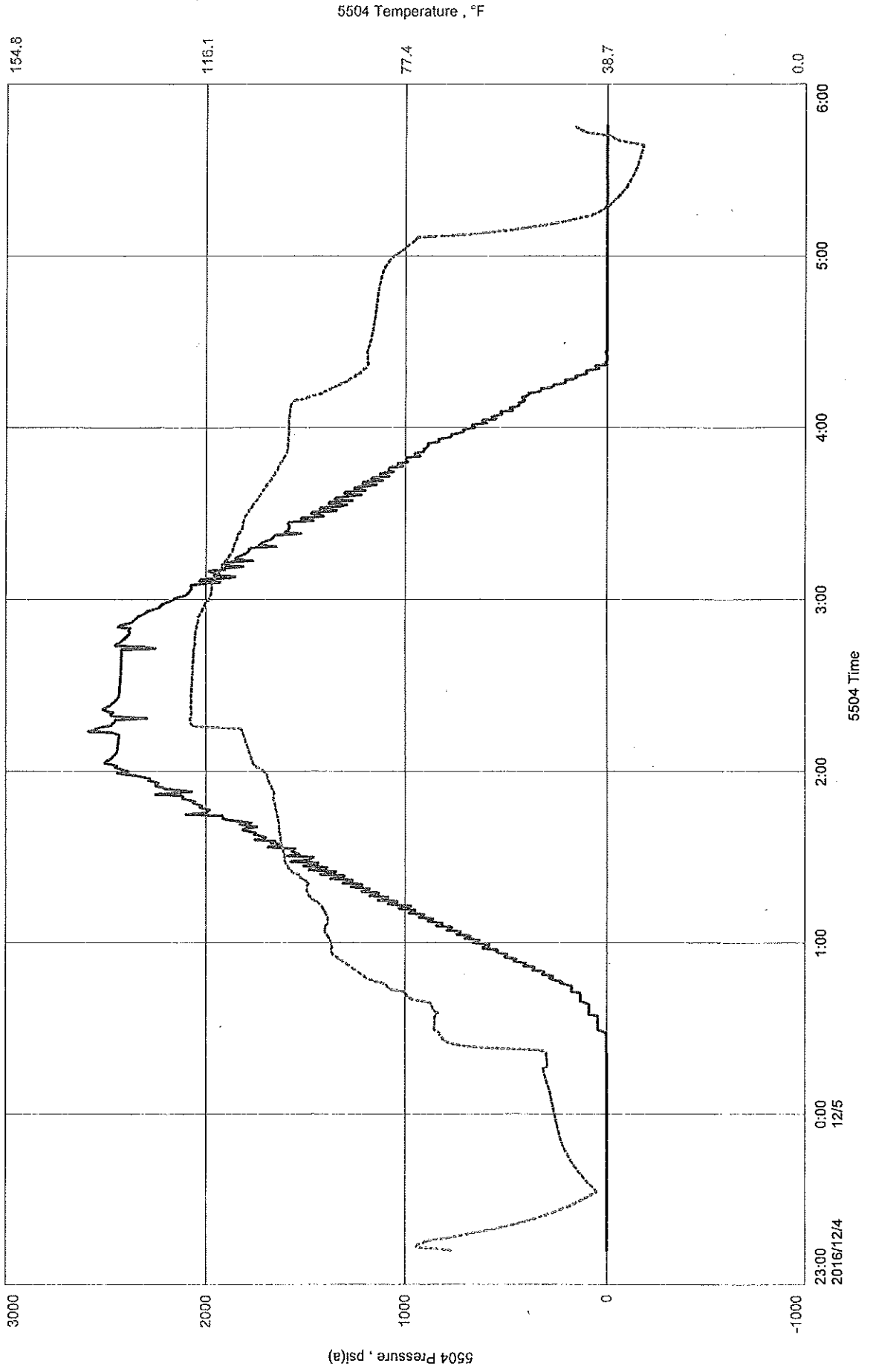
RECOVERED: 370' DRILLING MUD

TOOL SAMPLE: 100% DRILLING MUD

RAYDON EXPLORATION, INC.
DST #3, MORROW QTZ SD ST, 5194-5240
Start Test Date: 2016/12/04
Final Test Date: 2016/12/05

COX LAND #1-5
Formation: DST #3, MORROW QTZ SD ST, 5194-5240
Pool: WILDCAT
Job Number: T578

COX LAND #1-5





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
COXLAND1-5DST4

Company Raydon Exploration, Inc. Lease & Well No. Cox Land No. 1-5
Elevation 2944 KB Formation Morrow Quartz Sandstone Effective Pay Ft. Ticket No. T580
Date 12-5-16 Sec. 5 Twp. 28S Range 32W County Haskell State Kansas
Test Approved By Edwin H. Grieves Diamond Representative Tim Venters

Formation Test No. 4 Interval Tested from 5,228 ft. to 5,240 ft. Total Depth 5,240 ft.
Packer Depth 5,223 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 5,228 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,209 ft. Recorder Number 5504 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 5,237 ft. Recorder Number 11029 Cap. 5,025 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Quest Drilling Services, LLC - Rig 102 Drill Collar Length 364 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 84 Weight Pipe Length ft I.D. in.
Weight 8.9 Water Loss 5.6 cc. Drill Pipe Length 4,831 ft I.D. 3 1/2 in.
Chlorides 2,500 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 4 Anchor Length 12 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: Weak, surface blow throughout. No blow back during shut-in.
2nd Open: No blow throughout. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .049200 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud
MISRUN! Shut-in tool malfunction.

Time Set Packer(s) 9:16 A.M. Time Started off Bottom 1:16 P.M. Maximum Temperature 127°
Initial Hydrostatic Pressure.....(A) 2488 P.S.I.
Initial Flow Period.....Minutes 30 (B) 17 P.S.I. to (C) 49 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 15 P.S.I.
Final Flow Period.....Minutes 30 (E) 14 P.S.I. to (F) 16 P.S.I.
Final Closed In Period.....Minutes 120 (G) 18 P.S.I.
Final Hydrostatic Pressure.....(H) 2485 P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

| | | | | | |
|------------------|-------------------------------------|----------------|---------------|---------------|--------------------------|
| Company Name | RAYDON EXPLORATION, INC. | Contact | MYRON HESTON | Job Number | T580 |
| Well Name | COX LAND #1-5 | Representative | TIM VENTERS | Well Operator | RAYDON EXPLORATION, INC. |
| Unique Well ID | DST #4, MORROW QTZ SD ST, 5228-5240 | Report Date | 2016/12/05 | Prepared By | TIM VENTERS |
| Surface Location | SEC 5-28S-32W, HASKELL CO. KS. | Field | PRAIRIE DUNES | Well Type | Vertical |

Test Information

| | |
|-----------------|-------------------------------------|
| Test Type | CONVENTIONAL |
| Formation | DST #4, MORROW QTZ SD ST, 5228-5240 |
| Well Fluid Type | 01 Oil |
| Test Purpose | Initial Test |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2016/12/05 | Start Test Time | 06:31:00 |
| Final Test Date | 2016/12/05 | Final Test Time | 15:54:00 |

| | |
|------------|------|
| Gauge Name | 5504 |
|------------|------|

Test Results

RECOVERED: 10' DRILLING MUD

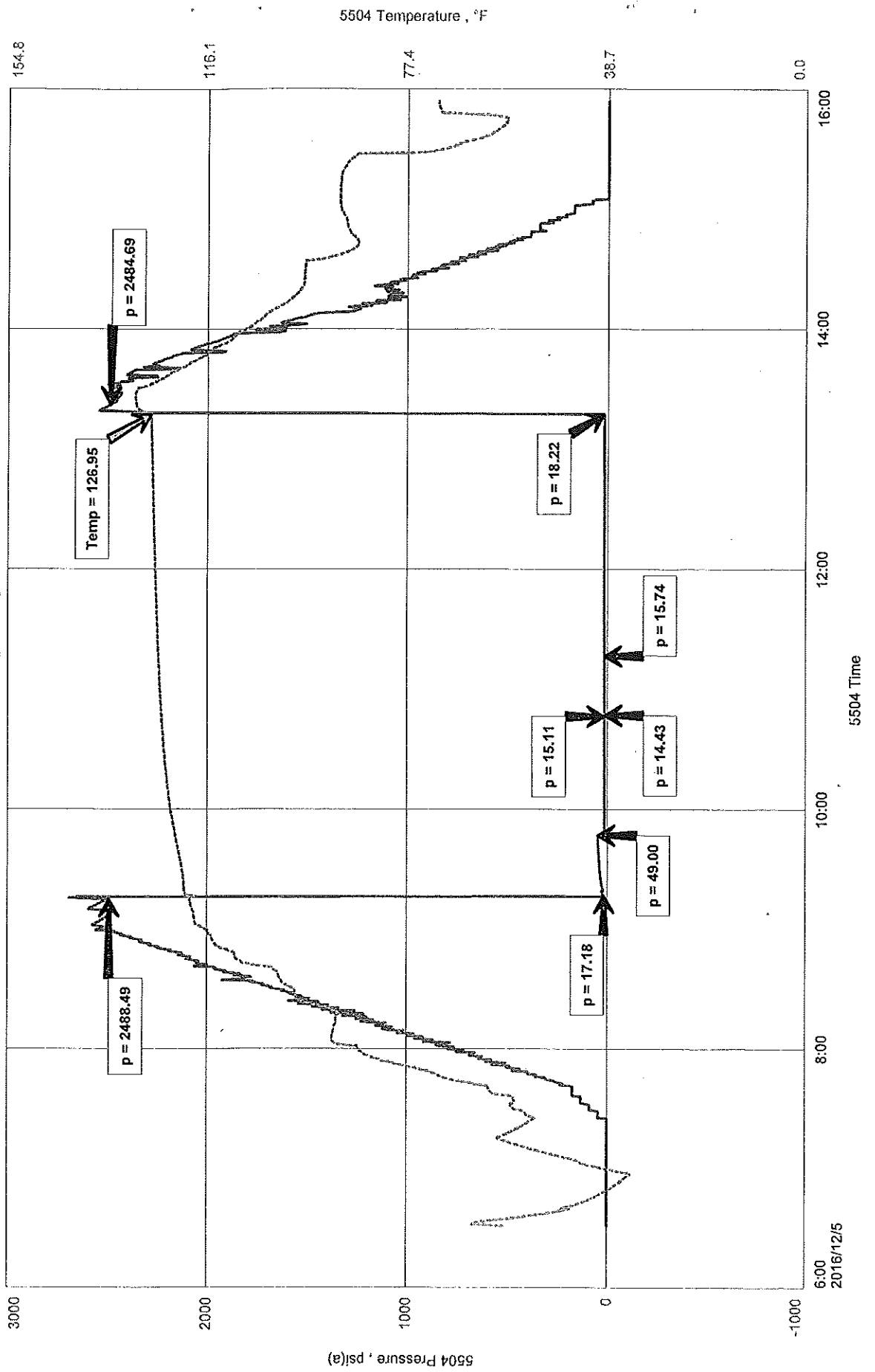
TOOL SAMPLE: 100% DRILLING MUD

MISRUN! SHUT-IN TOOL MALFUNCTION.

RAYDON EXPLORATION, INC.
DST #4, MORROW QTZ SD ST, 5228-5240
Start Test Date: 2016/12/05
Final Test Date: 2016/12/05

COX LAND #1-5
Formation: DST #4, MORROW QTZ SD ST, 5228-5240
Pool: WILDCAT
Job Number: T580

COX LAND #1-5





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 COXLAND1-5DST5

Company Raydon Exploration, Inc. Lease & Well No. Cox Land No. 1-5
 Elevation 2944 KB Formation St. Louis Effective Pay Ft. Ticket No. T581
 Date 12-7-16 Sec. 5 Twp. 28S Range 32W County Haskell State Kansas
 Test Approved By Edwin H. Grieves Diamond Representative Tim Venters

Formation Test No. 5 Interval Tested from 5,425 ft. to 5,445 ft. Total Depth 5,445 ft.
 Packer Depth 5,420 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 5,425 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 5,406 ft. Recorder Number 5504 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 5,442 ft. Recorder Number 11029 Cap. 5,025 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Quest Drilling Services, LLC - Rig 102 Drill Collar Length 364 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 80 Weight Pipe Length ft. I.D. in.
 Weight 8.8 Water Loss 4.9 cc. Drill Pipe Length 5,028 ft. I.D. 3 1/2 in.
 Chlorides 2,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 4 Anchor Length 20 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: Weak, surface blow increasing to 1 in. Weak, surface blow back during shut-in.

2nd Open: Weak, surface blow throughout. Very weak, surface blow back during shut-in.

Recovered 120 ft. of slightly gas cut, muddy water w/trace oil = .590400 bbls. (Grind out: 1%-gas; Trace-oil; 65%-water; 34%-mud)
 Recovered 185 ft. of slightly gas cut, mud cut water w/trace oil = .910200 bbls. (Grind out: 1%-gas; Trace-oil; 90%-water; 9%-mud)
 Recovered 305 ft. of TOTAL FLUID = 1.500600 bbls. Chlorides: 40,000 Ppm PH: 6.0 RW: .23 @ 58°
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 73%-water; 25%-mud
MISRUN! Shut-in tool malfunction.

Time Set Packer(s) 8:00 A.M. Time Started off Bottom 12:30 P.M. Maximum Temperature 135°
 Initial Hydrostatic Pressure.....(A) 2527 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 15 P.S.I. to (C) 34 P.S.I.
 Initial Closed In Period.....Minutes 60 (D) 68 P.S.I.
 Final Flow Period.....Minutes 60 (E) 68 P.S.I. to (F) 98 P.S.I.
 Final Closed In Period.....Minutes 120 (G) 151 P.S.I.
 Final Hydrostatic Pressure.....(H) 2518 P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

| | | | |
|---------------------|--------------------------------|----------------|--------------------------|
| Company Name | RAYDON EXPLORATION, INC. | Job Number | T581 |
| Contact | MYRON HESTON | Representative | TIM VENTERS |
| Well Name | COX LAND #1-5 | Well Operator | RAYDON EXPLORATION, INC. |
| Unique Well ID | DST #5, ST. LOUIS, 5425-5445 | Report Date | 2016/12/07 |
| Surface Location | SEC 5-28S-32W, HASKELL CO. KS. | Prepared By | TIM VENTERS |
| Well License Number | | | |
| Field | PRAIRIE DUNES | | |
| Well Type | Vertical | | |

Test Information

| | |
|-----------------|------------------------------|
| Test Type | CONVENTIONAL |
| Formation | DST #5, ST. LOUIS, 5425-5445 |
| Well Fluid Type | 01 Oil |
| Test Purpose | Initial Test |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2016/12/07 | Start Test Time | 04:36:00 |
| Final Test Date | 2016/12/07 | Final Test Time | 15:30:00 |

Gauge Name 5504

Test Results

RECOVERED: 120' SGC,MW W/TR. OIL, 1% GAS, TRACE OIL <1%, 65% WATER, 34% MUD
185' SGC,MCW W/TR. O, 1% GAS, TRACE OIL <1%, 90% WATER, 9% MUD
305' TOTAL FLUID

TOOL SAMPLE: 2% OIL, 73% WATER, 25% MUD

MISRUNI SHUT-IN TOOL MALFUNCTION.

CHLORIDES: 40,000 ppm
PH: 6.0
RW: .23 @ 58 deg.

RAYDON EXPLORATION, INC.
DST #5, ST. LOUIS, 5425-5445
Start Test Date: 2016/12/07
Final Test Date: 2016/12/07

COX LAND #1-5
Formation: DST #5, ST. LOUIS, 5425-5445
Pool: WILDCAT
Job Number: T581

COX LAND #1-5

