

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](mailto: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
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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
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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:	
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Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	THORP 1-26R
Doc ID	1425362

All Electric Logs Run

Array Compensated True Resistivity Log
Dual Spaced Neutron Spectral Density Log
Borehole Compensated Sonic Array Log
Microlog
Annular Hole Volume
Cement Bond Log w/ Gamma Ray



COMPANY: Baydon Exploration, Inc.
LEASE: 335 FNL + 335 FWL
WELL: 31W
COUNTY: Kansas
STATE: Kansas

REMARKS: Earth - Test CT-888-543-8378 had an unannounced gas detection.
Trailer on the well deck at 4100 feet total depth.

Thank you, Edward!
Edwin H.
Geologist

LITHOLOGY: SANDSTONE, LIMESTONE, SHALE, CHERT
STRATIGRAPHY: HOT WIRE, EY, TOTAL GAS VOLUME

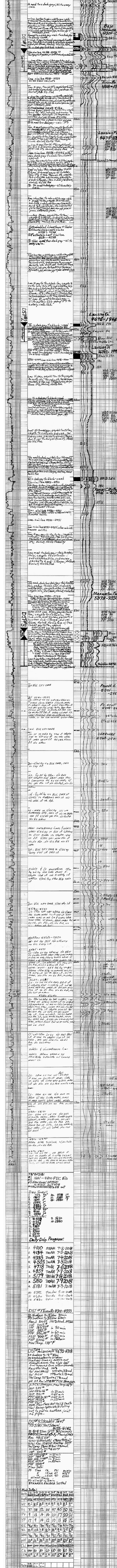


Table with columns: Date, Depth, Wt, Vis, PV, YP, GS, WL, Core, PH, CA, LCM. It contains numerical data for various parameters across different depths.



# Company: Raydon Exploration, Inc

## Lease: Thorp #1-26R

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

**DATE**  
July  
**04**  
2018

DST #1    Formation: Toronto    Test Interval: 4300 - 4333'    Total Depth: 4333'

Time On: 03:01 07/04    Time Off: 15:10 07/04  
Time On Bottom: 07:33 07/04    Time Off Bottom: 12:03 07/04

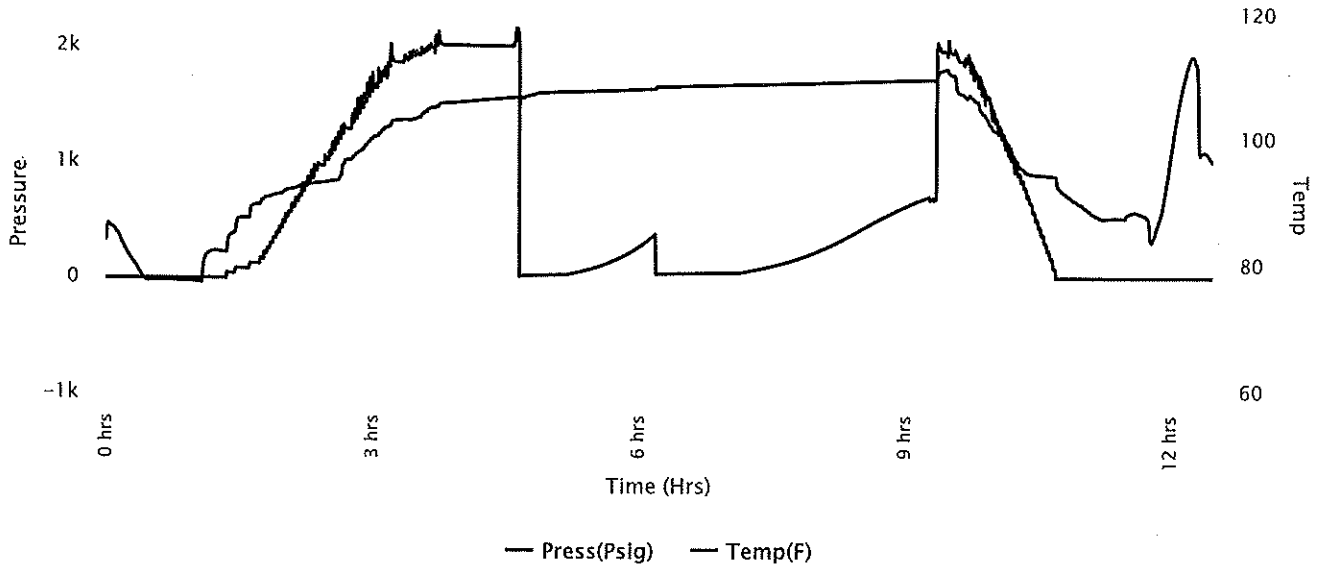
Electronic Volume Estimate:  
264'

1st Open  
Minutes: 30  
2.1" at 30 min

1st Close  
Minutes: 60  
0" at 60 min

2nd Open  
Minutes: 60  
6.1" at 60 min

2nd Close  
Minutes: 120  
0" at 120 min





**Company: Raydon Exploration, Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
 Elevation: 2738 GL  
 Field Name: Kismet  
 Pool: Other  
 Job Number: 168

**DATE**  
 July  
**04**  
 2018

**DST #1**      **Formation: Toronto**      **Test Interval: 4300 - 4333'**      **Total Depth: 4333'**

Time On: 03:01 07/04      Time Off: 15:10 07/04  
 Time On Bottom: 07:33 07/04      Time Off Bottom: 12:03 07/04

Recovered

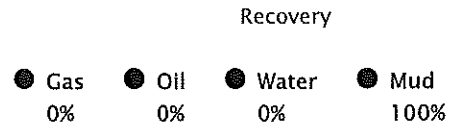
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
100	0.492	M	0	0	0	100

Total Recovered: 100 ft  
 Total Barrels Recovered: 0.492

**Reversed Out**  
 NO

**Recovery at a glance**

Initial Hydrostatic Pressure	2013	PSI	
Initial Flow	18 to 33	PSI	BBL 0.25
Initial Closed in Pressure	382	PSI	
Final Flow Pressure	39 to 49	PSI	
Final Closed in Pressure	704	PSI	0
Final Hydrostatic Pressure	2006	PSI	
Temperature	110	°F	
Pressure Change Initial Close / Final Close	0.0	%	





**Company: Raydon Exploration,  
Inc  
Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

<b>DATE</b> July <b>04</b> 2018
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<b>DST #1</b>	<b>Formation: Toronto</b>	<b>Test Interval: 4300 - 4333'</b>	<b>Total Depth: 4333'</b>
	Time On: 03:01 07/04	Time Off: 15:10 07/04	
	Time On Bottom: 07:33 07/04	Time Off Bottom: 12:03 07/04	

**REMARKS:**

Initial Flow: Surface to a 1 1/2 in. blow.  
Initial Shut-in: No blow back.  
Final Flow: Surface to a 5 1/2 in. blow.  
Final Shut-in: No blow back.

Tool Sample: 100% mud





**Company: Raydon Exploration, Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

**DATE**  
July  
**04**  
2018

**DST #1**      **Formation: Toronto**      **Test Interval: 4300 - 4333'**      **Total Depth: 4333'**  
Time On: 03:01 07/04      Time Off: 15:10 07/04  
Time On Bottom: 07:33 07/04      Time Off Bottom: 12:03 07/04

**Down Hole Makeup**

<b>Heads Up:</b> 19.8 FT	<b>Packer 1:</b> 4294.5 FT
<b>Drill Pipe:</b> 4019.86 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4300 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4283.92 FT
<b>Collars:</b> 266.87 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4302 FT
<b>Test Tool:</b> 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 33	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 0 FT  
*4 1/2-FH*

**Change Over:** 0 FT

**Drill Pipe: (in anchor):** 0 FT  
*ID-3 1/2*

**Change Over:** 0 FT

**Perforations: (below):** 32 FT  
*4 1/2-FH*



**Company: Raydon Exploration,  
Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

<b>DATE</b> July <b>04</b> 2018
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<b>DST #1</b>	<b>Formation: Toronto</b>	<b>Test Interval: 4300 - 4333'</b>	<b>Total Depth: 4333'</b>
	Time On: 03:01 07/04	Time Off: 15:10 07/04	
	Time On Bottom: 07:33 07/04	Time Off Bottom: 12:03 07/04	

**Mud Properties**

**Mud Type: Chemical      Weight: 8.5      Viscosity: 52      Filtrate: 7.8      Chlorides: 4,900 ppm**



# Company: Raydon Exploration, Inc

## Lease: Thorp #1-26R

SEC: 26 TWN; 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

**DATE**  
July  
**06**  
2018

DST #2    Formation: Lans "G"    Test Interval: 4690 - 4718'    Total Depth: 4718'

Time On: 03:30 07/06    Time Off: 14:50 07/06  
Time On Bottom: 07:06 07/06    Time Off Bottom: 11:36 07/06

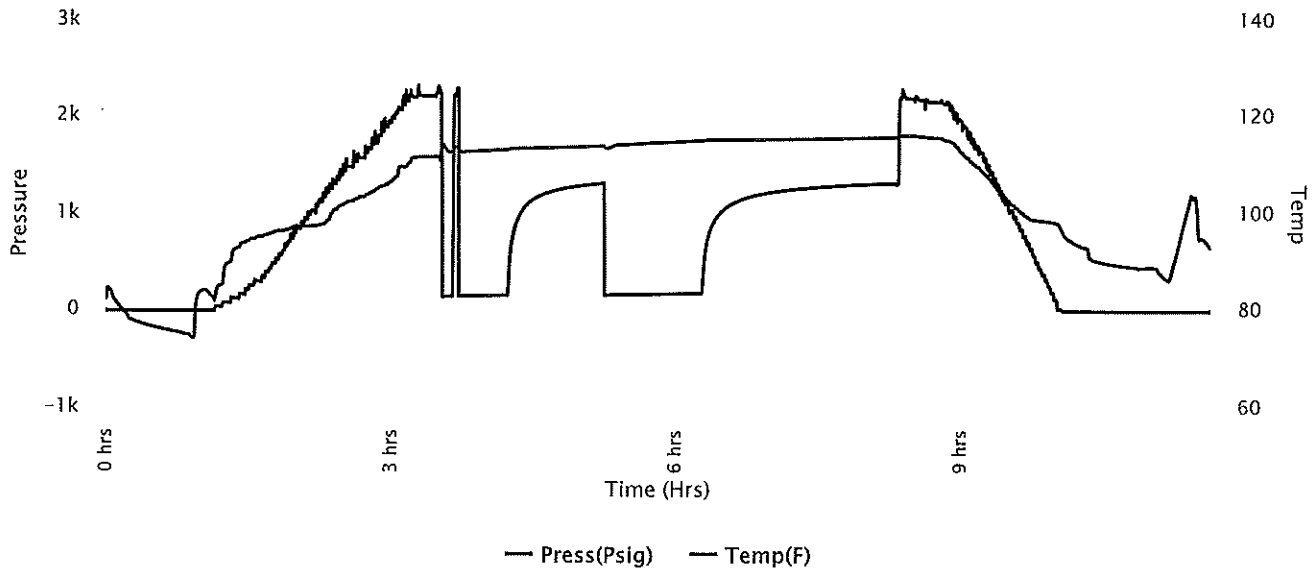
Electronic Volume Estimate:  
130'

1st Open  
Minutes: 30  
1.6" at 30 min

1st Close  
Minutes: 60  
0" at 60 min

2nd Open  
Minutes: 60  
2.1" at 60 min

2nd Close  
Minutes: 120  
0" at 120 min





**Company: Raydon Exploration, Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN; 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
 Elevation: 2738 GL  
 Field Name: Kismet  
 Pool: Other  
 Job Number: 168

**DATE**  
 July  
**06**  
 2018

**DST #2 Formation: Lans "G" Test Interval: 4690 - 4718' Total Depth: 4718'**

Time On: 03:30 07/06 Time Off: 14:50 07/06  
 Time On Bottom: 07:06 07/06 Time Off Bottom: 11:36 07/06

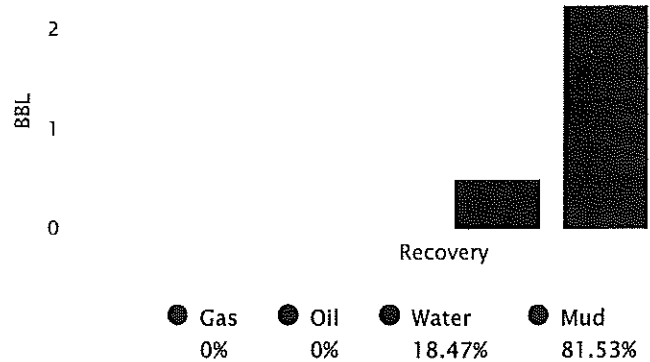
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
190	1.8949403	M	0	0	0	100
90	0.4428	HWCM	0	0	37	63
90	0.4428	MCW	0	0	79	21

Total Recovered: 370 ft  
 Total Barrels Recovered: 2.7805403

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	2215	PSI
Initial Flow	155 to 166	PSI
Initial Closed in Pressure	1321	PSI
Final Flow Pressure	168 to 187	PSI
Final Closed in Pressure	1323	PSI
Final Hydrostatic Pressure	2211	PSI
Temperature	116	°F
Pressure Change Initial Close / Final Close	0.0	%



**Company: Raydon Exploration,  
Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

<b>DATE</b> July <b>06</b> 2018
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**DST #2    Formation: Lans "G"    Test Interval: 4690 -    Total Depth: 4718'**  
**4718'**

Time On: 03:30 07/06    Time Off: 14:50 07/06  
Time On Bottom: 07:06 07/06    Time Off Bottom: 11:36 07/06

**REMARKS:**

Initial Flow: Surface to a 1 1/4 in. blow.  
Initial Shut-in: No blow back.  
Final Flow: Weak, surface to a 2 in. blow.  
Final Shut-in: No blow back.

Tool Sample: 33% water, 67% mud

The 1st time to hit bottom there was not enough room for slips. We had to pick up another joint. It was supposed to land at 7' & it was 2'-3'. We lost packer seat, too.

Ph: 11.0

RW: .19 @ 88 degrees F

Chlorides: 28,000 ppm



**Company: Raydon Exploration,  
Inc  
Lease: Thorp #1-26R**

SEC: 26 TWN; 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

<b>DATE</b>
July
<b>06</b>
2018

**DST #2    Formation: Lans "G"    Test Interval: 4690 -    Total Depth: 4718'**  
**4718'**  
Time On: 03:30 07/06    Time Off: 14:50 07/06  
Time On Bottom: 07:06 07/06    Time Off Bottom: 11:36 07/06

**Down Hole Makeup**

<b>Heads Up:</b> 7.01 FT	<b>Packer 1:</b> 4684.5 FT
<b>Drill Pipe:</b> 4397.07 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4690 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4673.92 FT
<b>Collars:</b> 266.87 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4692 FT
<b>Test Tool:</b> 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Total Anchor:** 28

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 0 FT  
*4 1/2-FH*

**Change Over:** 0 FT

**Drill Pipe: (in anchor):** 0 FT  
*ID-3 1/2*

**Change Over:** 0 FT

**Perforations: (below):** 27 FT  
*4 1/2-FH*



**Company: Raydon Exploration,  
Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

<b>DATE</b> July <b>06</b> 2018
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**DST #2    Formation: Lans "G"    Test Interval: 4690 -    Total Depth: 4718'**  
4718'

Time On: 03:30 07/06    Time Off: 14:50 07/06  
Time On Bottom: 07:06 07/06    Time Off Bottom: 11:36 07/06

### **Mud Properties**

**Mud Type:** Chemical    **Weight:** 9.0    **Viscosity:** 47    **Filtrate:** 10.0    **Chlorides:** 5,000 ppm



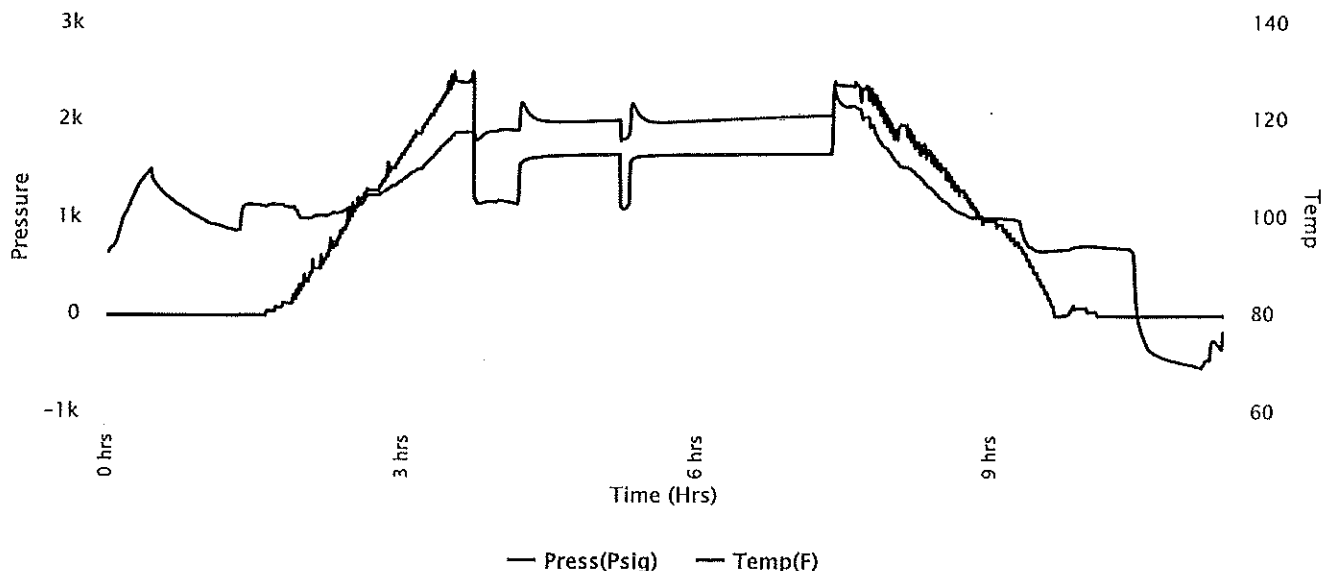
**Company: Raydon Exploration, Inc**  
**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
 Elevation: 2738 GL  
 Field Name: Kismet  
 Pool: Other  
 Job Number: 168

<b>DATE</b>
July
<b>08</b>
2018

<b>DST #3</b>	<b>Formation: Marmaton</b>	<b>Test Interval: 5125 - 5142'</b>	<b>Total Depth: 5180'</b>
Time On: 14:07 07/08	Time Off: 01:11 07/09		
Time On Bottom: 17:44 07/08	Time Off Bottom: 21:16 07/08		

<b>Electronic Volume Estimate:</b>	<b>1st Open</b>	<b>1st Close</b>	<b>2nd Open</b>	<b>2nd Close</b>
N/A	Minutes: 27	Minutes: 60	Minutes: 5	Minutes: 120
	Oil mist" at 27 min	6.6" at 60 min	Oil mist" at 5 min	0" at 120 min







**Company: Raydon Exploration, Inc**  
**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
 Elevation: 2738 GL  
 Field Name: Klismet  
 Pool: Other  
 Job Number: 168

**DATE**  
 July  
**08**  
 2018

**DST #3**      **Formation: Marmaton**      **Test Interval: 5125 - 5142'**      **Total Depth: 5180'**  
 Time On: 14:07 07/08      Time Off: 01:11 07/09  
 Time On Bottom: 17:44 07/08      Time Off Bottom: 21:16 07/08

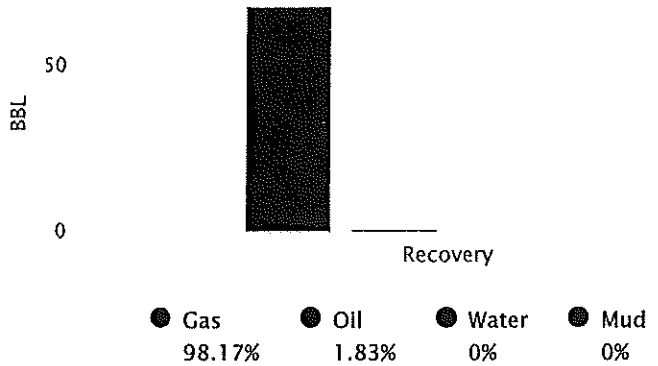
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
4815	68.51745	G	100	0	0	0
270	1.3575403	SLGCO	6	94	0	0

Total Recovered: 5085 ft

Total Barrels Recovered: 69.8749903

Reversed Out  
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2411	PSI
Initial Flow	1157 to 1159	PSI
Initial Closed in Pressure	1665	PSI
Final Flow Pressure	1103 to 1148	PSI
Final Closed in Pressure	1670	PSI
Final Hydrostatic Pressure	2409	PSI
Temperature	124	°F
Pressure Change Initial Close / Final Close	0.0	%



# Company: Raydon Exploration, Inc

## Lease: Thorp #1-26R

SEC: 26 TWN: 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rlg 102  
 Elevation: 2738 GL  
 Field Name: Klismet  
 Pool: Other  
 Job Number: 168

<b>DATE</b>
July
<b>08</b>
2018

<b>DST #3</b>	<b>Formation:</b> Marmaton	<b>Test Interval:</b> 5125 - 5142'	<b>Total Depth:</b> 5180'
	Time On: 14:07 07/08	Time Off: 01:11 07/09	
	Time On Bottom: 17:44 07/08	Time Off Bottom: 21:16 07/08	

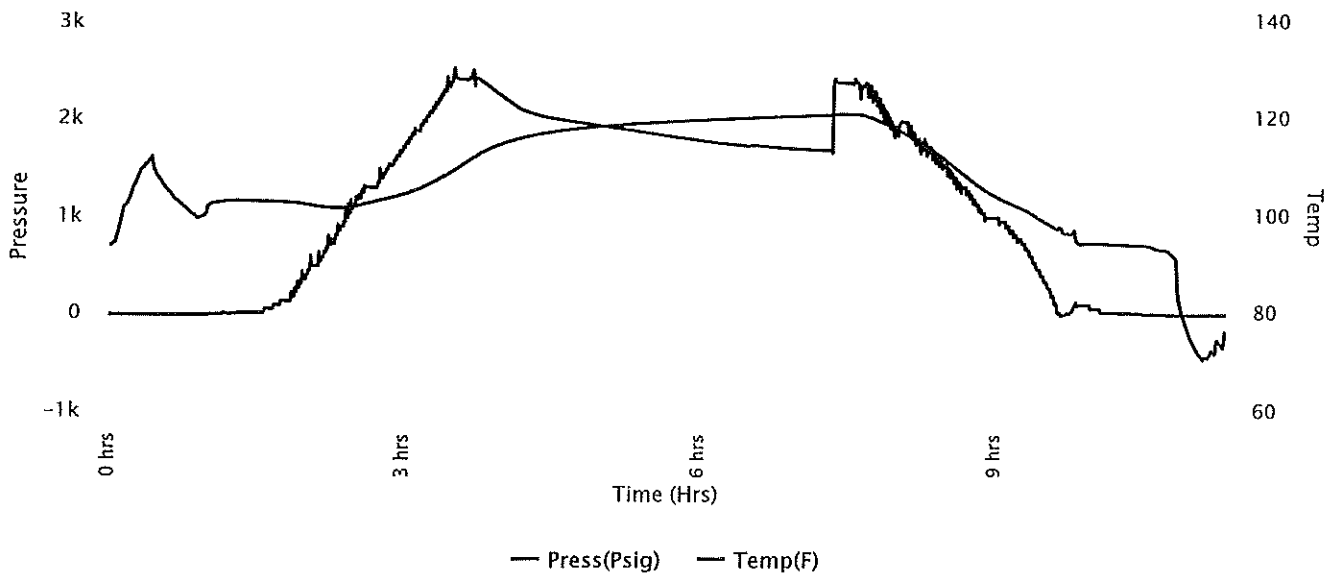
### REMARKS:

Initial Flow: BOB immediately. GTS in 30 secs. Oil mist to surface in 15 mins.  
 Initial Shut-in: 6 in. blow back.  
 Final Flow: Blow increasing. BOB in 30 secs. Oil mist to surface in 3 mins.  
 Final Shut-in: No blow back.

Tool Sample: 5% gas, 82% oil, 13% mud

Gravity: 37.4 @ 60 degrees F

### Below Straddle Recorder





# Company: Raydon Exploration, Inc

## Lease: Thorp #1-26R

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Kismet  
Pool: Other  
Job Number: 168

**DATE**  
July  
**08**  
2018

**DST #3**      **Formation:** Marmaton      **Test Interval:** 5125 - 5142'      **Total Depth:** 5180'  
Time On: 14:07 07/08      Time Off: 01:11 07/09  
Time On Bottom: 17:44 07/08      Time Off Bottom: 21:16 07/08

### Down Hole Makeup

<b>Heads Up:</b> 14.24 FT	<b>Packer 1:</b> 5119.5 FT
<b>Drill Pipe:</b> 4839.3 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 5125 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 5142 FT
<b>Collars:</b> 266.87 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 5108.92 FT
<b>Test Tool:</b> 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 5165 FT
<b>Total Anchor:</b> 17	<b>Below Straddle Recorder:</b> 5177 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

#### Anchor Makeup

**Packer Sub:** 1 FT

**Perforations: (top):** 0 FT  
*4 1/2-FH*

**Change Over:** 0 FT

**Drill Pipe: (in anchor):** 0 FT  
*ID-3 1/2*

**Change Over:** 0 FT

**Perforations: (below):** 16 FT  
*4 1/2-FH*

#### STRADDLE

**Straddle Packer(s):** 1 FT

**Change Over:** 1 FT

**Drill Pipe:** 0 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 4 FT  
*4 1/2-FH*



**Company: Raydon Exploration,  
Inc**

**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
County: SEWARD  
State: Kansas  
Drilling Contractor: Quest Drilling  
Services, LLC - Rig 102  
Elevation: 2738 GL  
Field Name: Klismet  
Pool: Other  
Job Number: 168

<b>DATE</b> July <b>08</b> 2018
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<b>DST #3</b>	<b>Formation:</b> Marmaton	<b>Test Interval:</b> 5125 - 5142'	<b>Total Depth:</b> 5180'
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	Time On Bottom: 17:44 07/08	Time Off Bottom: 21:16 07/08	

**Mud Properties**

<b>Mud Type:</b> Chemical	<b>Weight:</b> 9.0	<b>Viscosity:</b> 56	<b>Filtrate:</b> 6.8	<b>Chlorides:</b> 2,500 ppm
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**Company: Raydon Exploration, Inc**  
**Lease: Thorp #1-26R**

SEC: 26 TWN: 33S RNG: 31W  
 County: SEWARD  
 State: Kansas  
 Drilling Contractor: Quest Drilling Services, LLC - Rig 102  
 Elevation: 2738 GL  
 Field Name: Kismet  
 Pool: Other  
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<b>DATE</b>
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<b>08</b>
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<b>DST #3</b>	<b>Formation: Marmaton</b>	<b>Test Interval: 5125 - 5142'</b>	<b>Total Depth: 5180'</b>
	Time On: 14:07 07/08	Time Off: 01:11 07/09	
	Time On Bottom: 17:44 07/08	Time Off Bottom: 21:16 07/08	

**Gas Volume Report**

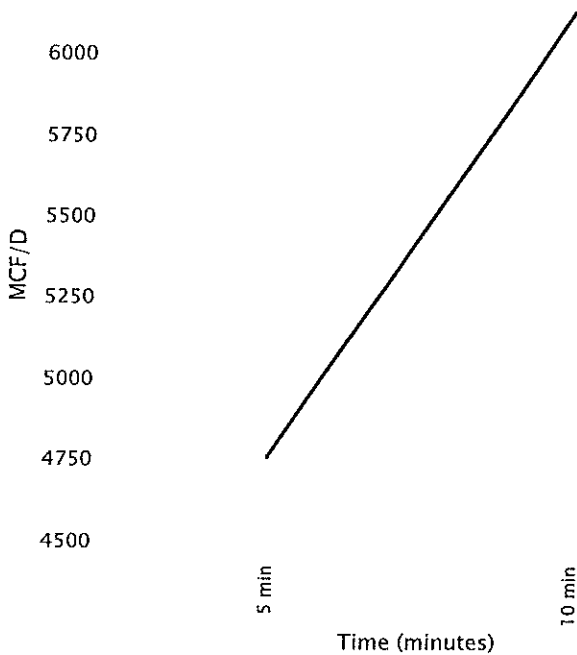
**Remarks:** Initial Flow: GTS in 30 secs. Oil mist to surface in 15 mins. Gas sample taken 10 mins. into flow period. Final Flow: Oil mist to surface in 3 mins. Oil mist prevented accurate gauge of gas.

1st Open

Time	Orifice	PSI	MCF/D
5	1.50	67	4767
10	1.50	90	6140

2nd Open

Time	Orifice	PSI	MCF/D
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Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

**PRESSURE PUMPING** **Job Log**

Customer:	Raydon Exploration	Cement Pump No.:	38119-19570 13 HRS	Operator TRK No.:	96815
Address:	1601 NW Expressway STE 1300	Ticket #:	1718-15774 L	Bulk TRK No.:	19827-19808
City, State, Zip:	Oklahoma City Ok 73118	Job Type:	Z42 - Cement Production Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	Thorp 1-26R	Well Location:	26,33,31	County:	Seward
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-CON BLEND	150	1/4# POLYFLAKE	19827-19808	Front	Back
AA-2	150	10%GYPSUM, 10%SALT, .5%C-17, 1/4#DEFOAMER, 5#GILSONITE		Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	11.4	2.89	17.82	433.5	Man Hours:	47
<b>Tail:</b>	14.8	1.51	6.65	226.5	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
7:00							ON LOC, SAFTEY MTG, R.U.
18:36						3400	TEST LINES
6:41 PM	4.3	12				150	PUMP MUD FLUSH
6:43 PM	4.4	5				160	H2O SPACER
6:46 PM							PLUG RAT & MOUSE
18:56	7.3					240	START SCAVENGER @11.4#
19:07	6.8	52				170	START TAIL @ 14.8#
7:18 PM		40					SHUT DOWN, DROP PLUG, WASHUP
19:23	7.5					190	START DISPLACEMENT
19:44	2.7	139				780	SLOW RATE
19:48		140				1100-1740	PLUG DOWN
19:53							RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Size Hole	7 7/8	Depth	5873'		TYPE	
Size & Wt. Csg.	5 1/2 15.5	Depth	5873'	New / Used	Packer	Depth
tbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature:	Basic Representative:	CHAD HINZ
	Basic Signature:	
	Date of Service:	7/13/2018



Conductor and Rat Hole Drilling, Landfill Gas Drilling and Well Construction Nationwide

Date	Invoice #
6/14/2018	12583

Bill To
Raydon Exploration % Crown Consulting P.O. Box 1618 Liberal, KS 67905

K02000

Legal Description	Ordered By	Terms	Field Ticket	Lease Name	Drill Rig
SE Kismet, KS	Clint	Net 30	9341	Thorp 1-26R	Tomcat3/Quest 102

Item	Quantity	Description	Rate	Amount
Conductor	42	Drilled 42' of 30" hole for conductor	40.00	1,680.00
20" Pipe	42	Furnished 42' of 20" conductor pipe	25.00	1,050.00T
Cellar	6	Drilled 6' x 6" hole for cellar	75.00	450.00
72" X 6'	6	Furnished 6' X 6' tinhorn	75.00	450.00T
Dirt Removal	1	Provided Labor and Equipment for dirt removal and cleanup	500.00	500.00
Grout	4.5	Furnished grout	200.00	900.00T
Deliver Grout	1	Deliver grout to location	250.00	250.00
Cover Plate	1	Cover Plate	30.00	30.00T
Barrier Fence	1	Provided and Set Barrier Fence	75.00	75.00T

ENTERED  
JUN 27 2018  
KNOLCPA 476

860100

170  
196  
1050.00  
1455.00  
1422880.00

GROWN CONSULTING, INC.

DRILLING  PROB. \_\_\_\_\_

COMP. \_\_\_\_\_

LEASE Thorp #1-26R

DESCRIPTIONS CONDUCTOR PIPE & CELLAR

AM E.A. 6-20-18



Thank you for your business.	<b>Subtotal</b>	\$5,385.00
	<b>Sales Tax (7.75%)</b>	\$194.14
	<b>Total</b>	\$5,579.14

JUN 26 2018