

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) (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	Lebsack Oil Production Inc.
Well Name	Bensch 4
Doc ID	1305635

All Electric Logs Run

Array Comp
Micro
Dual Spaced Neutron
Induction





# Joshua R. Austin

## Petroleum Geologist

report for



### Lebsack Oil Production, Inc.

COMPANY: LEBSACK OIL PRODUCTION INC.

LEASE: Bensch #4

FIELD: GROVE

SURFACE LOCATION: 3420' FNL & 330' FEL (N2-SE-NE-SE)

SEC: 33 TWSP: 20s RGE: 10w

COUNTY: RICE STATE: KANSAS

KB: 1729' GL: 1718'

API # 15-159-22830-0000

CONTRACTOR: STERLING DRILLING COMPANY (Rig #4)

Spud: 04/25/2016 Comp: 04/29/2016

RTD: 3220' LTD: 3216'

Mud Up: 2709' Type Mud: Chemical was displaced

Samples Saved From: 2700' to RTD

Geological Supervision From: 2850' to RTD

Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @265'

Production Casing: 5 1/2" @3175'

## Lebsack Oil Production Inc. well comparison sheet

DRILLING WELL  
Bensch 4

COMPARISON WELL  
Bensch 2

COMPARISON WELL  
North River 4

Structural

Structural

Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2837	-1108	2832	-1103	2839	-1109	1	6	2830	-1105	-3	2
Douglas	2865	-1136	2861	-1132	2867	-1137	1	5	2856	-1131	-5	-1
Brown Lime	2974	-1245	2969	-1240	2976	-1246	1	6	2966	-1241	-4	1
Lansing	2990	-1261	2987	-1258	2992	-1262	1	4	2982	-1257	-4	-1
"F" Zone	3075	-1346	3070	-1341	3077	-1347	1	6	3065	-1340	-6	-1
Total Depth	3220	-1491	3216	-1487	3363	-1633			3200	-1475		

### NOTES

On the basis of the fair structural position, shows in the samples and after reviewing the electric logs, it was recommended by all parties involved in the Bensch #4 to run 5 1/2" production casing to further test the Lansing. (no drill stem test was taken)

### ROCK TYPES

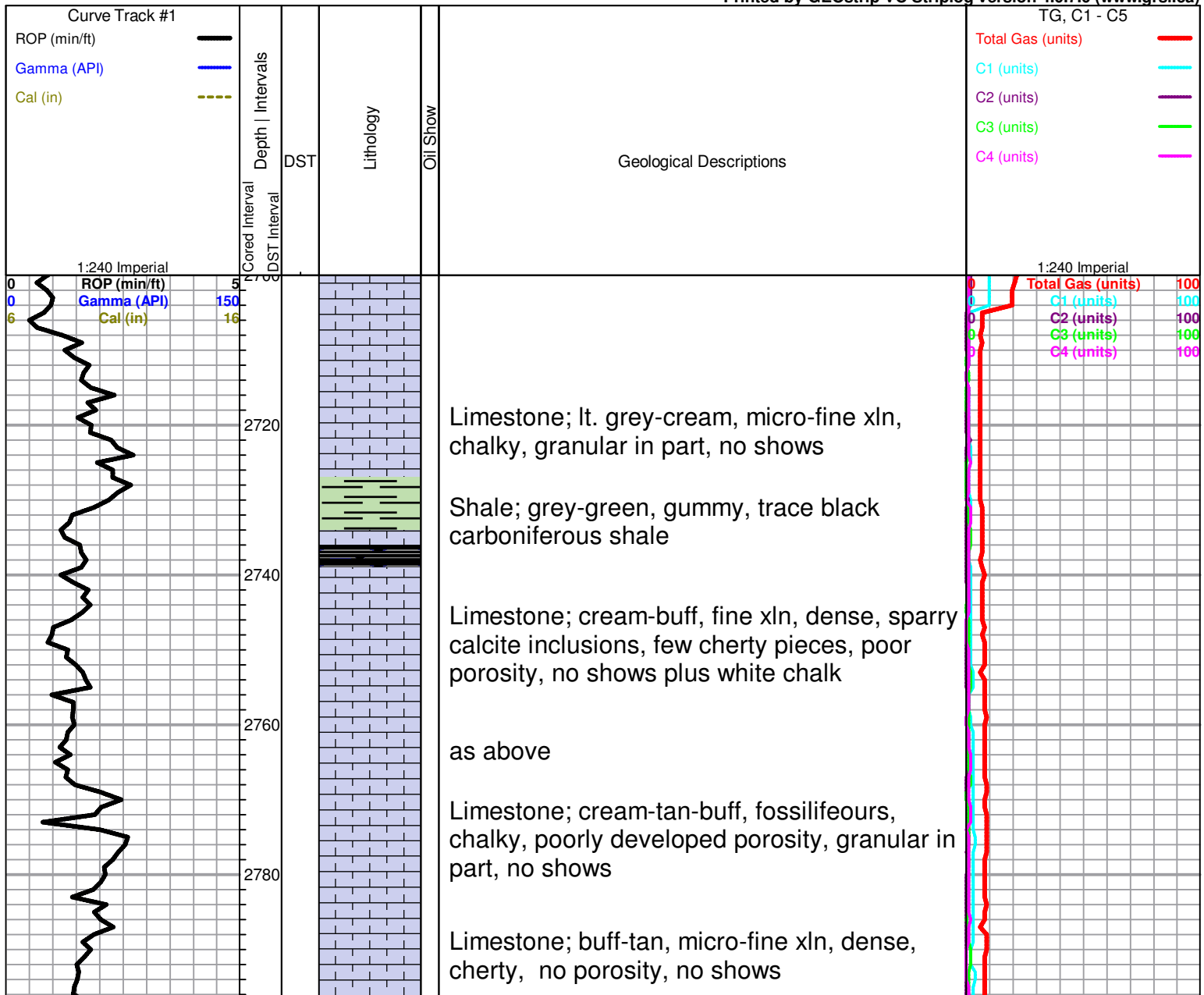
	Lmst fw7>		shale, gry		Ss
	shale, grn		Carbon Sh		Slst

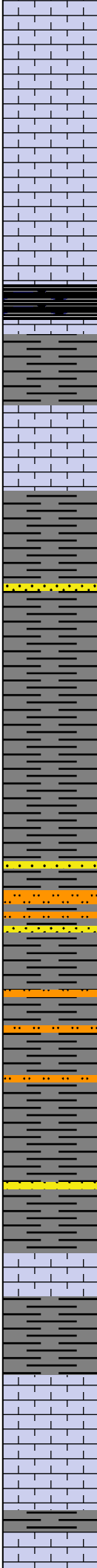
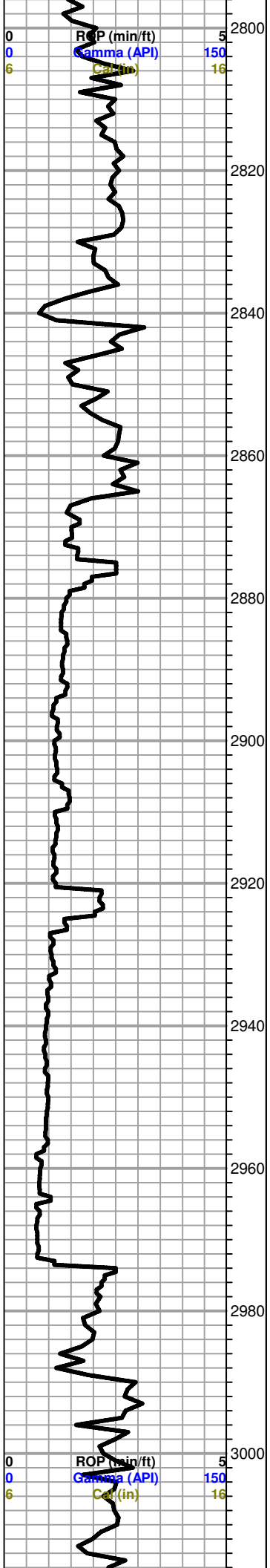
### OTHER SYMBOLS

**DST**

	DST Int
	DST alt
	Core
	tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





Limestone; cream-lt. grey, fine xln, chalky, few scattered fossilcast type porosity, grey-opaque Chert, no shows

**HEEBNER 2837 (-1108)**  
Black Carboniferous Shale

Shale; grey-greyish green, soft

Limestone; white-cream, chalky, no shows

**DOUGLAS 2865 (-1136)**

Shale; brick red, greyish green soft/gummy,

Shale; greyish green few micaceous pieces, soft, silty in part

Shale; as above

Shale; grey-greysih green, micaceous in part, slightly silty, plus Siltstone; grey-greyish green, micaceous, soft

Shale; as above, grey-greyish green, silty, micaceous in part

as above

**BROWN LIME 2974 (-1245)**

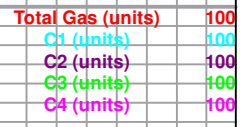
Limestone; tan-brown, fine xln, dense, cherty

Shale; grey-dark grey, micaceous in part

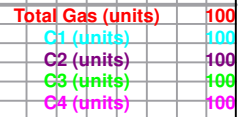
**LANSING 2990 (-1261)**

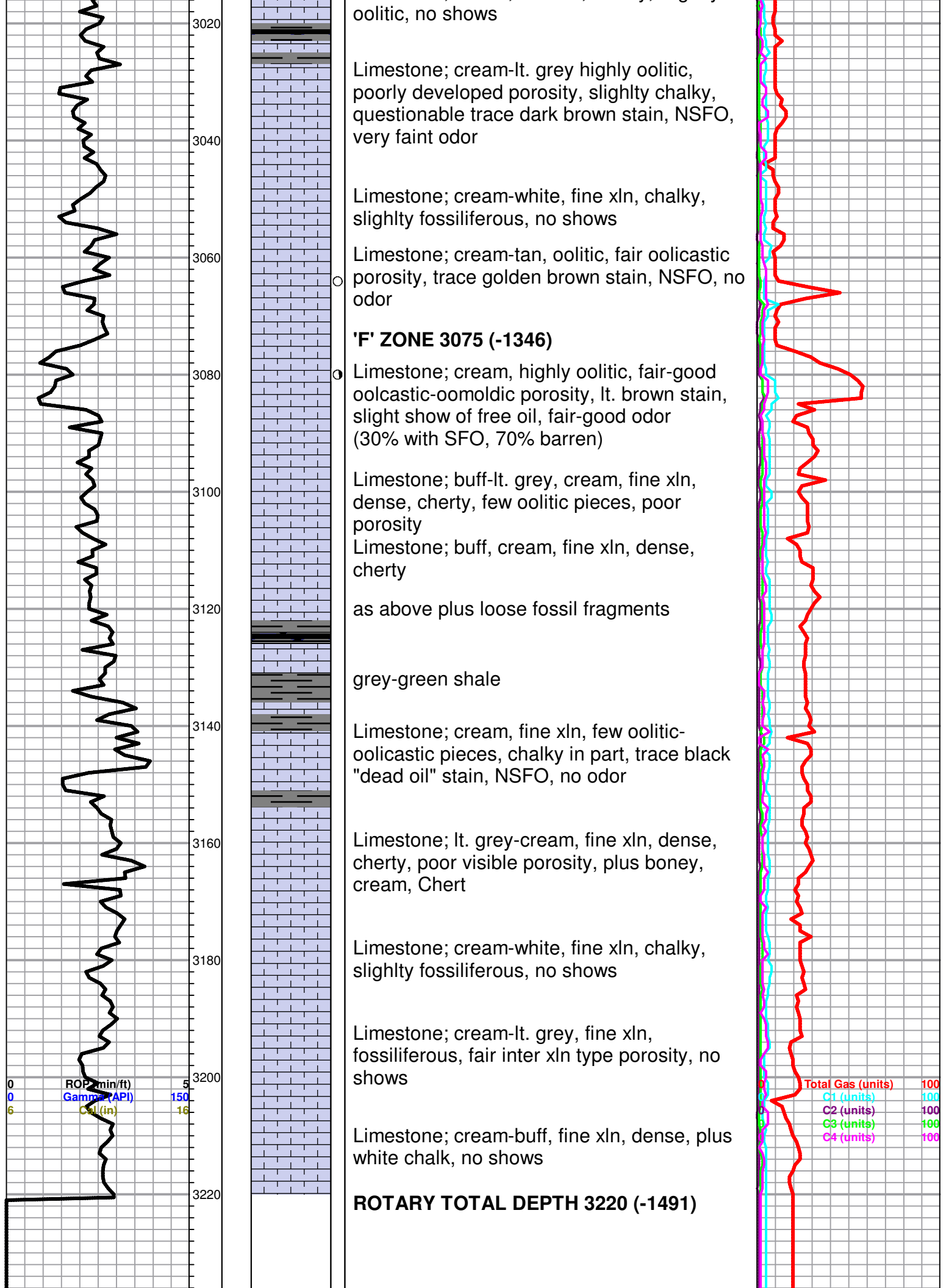
Limestone; grey-cream, fine xln, slightly fossiliferous-oolitic, chalky in part, few scattered porosity, no shows

Limestone; cream, fine xln, chalky, slightly



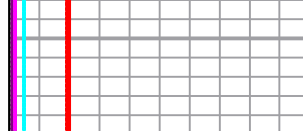
KB 1729







3240



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>LEBSACK OIL PRODUCTION, INC</b>	Lease No. <b>PRATT, KS</b>	Date <b>4-26-16</b>
Lease <b>BENSCH</b>	Well # <b>4</b>	
Field Order # <b>12190</b>	Station <b>PRATT, KS</b>	Casing <b>8 5/8</b>
Type Job <b>CNW - SURFACE</b>	Depth <b>265'</b>	County <b>RICE</b>
	Formation <b>TD - 270'</b>	State <b>KS.</b>
		Legal Description <b>33-20-10</b>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <b>8 5/8</b>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <b>265</b>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <b>LANNY</b>	Station Manager <b>KEVIN</b>	Treater <b>GORSLEY</b>
Service Units <b>83353</b>	<b>33708-20926</b>	<b>19957-21010</b>
Driver Names <b>KG</b>	<b>SCOTT</b>	<b>CHRISTOPHER</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>2400</b>					<b>ON LOCATION</b>
					<b>RUN 265' 8 5/8 CSC.</b>
					<b>BREATH CIRCULATION</b>
					<b>MIX CEMENT</b>
<b>0100</b>			<b>54</b>	<b>6</b>	<b>250 SK. 60/40 P07</b> <b>2% CEL, 3% CC, 1/4% CELLULOSE</b>
					<b>DROP WOOD PLUG</b>
			<b>0</b>	<b>6</b>	<b>START DISP.</b>
<b>0130</b>			<b>15</b>	<b>2</b>	<b>PLUG DOWN</b>
					<b>CIRC. TO BBL. CEMENT TO SET</b>
<b>0200</b>					<b>JOB COMPLETE - KEVIN</b>

Customer <i>Lebsach Oil Production</i>		Lease No.		Date <i>4/29/16</i>	
Lease <i>Bensch</i>		Well # <i>4</i>			
Field Order # <i>135324</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>	Depth	County <i>Rice</i>	State <i>KS</i>
Type Job <i>5 1/2 Long string - CWR</i>			Formation	Legal Description <i>33-20-10</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>							5 Min.	
Depth <i>8220'</i>	Depth	From	To	Pre Pad	Max			
Volume <i>76.63</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Wayne Lebsach</i>			Station Manager <i>Kevin Goodley</i>			Treater <i>Scott Graves</i>		
Service Units	<i>70752</i>	<i>19903</i>	<i>73768</i>	<i>19903</i>	<i>73768</i>			
Driver Names	<i>Scott</i>	<i>Albert</i>	<i>Harrison</i>	<i>Mike</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:15</i>					<i>On Location Safety Meeting Rig up</i>
<i>1:45</i>					<i>Run float equipment, Flapper insert #1</i>
<i>4:15</i>					<i>Centralizers # 2,3,4,5,6, 65</i>
<i>4:28</i>	<i>300</i>			<i>4</i>	<i>Break circulation 35 mins</i>
<i>4:30</i>	<i>300</i>		<i>5</i>	<i>5</i>	<i>Pump H2O spacer</i>
<i>4:33</i>	<i>300</i>		<i>12</i>	<i>5</i>	<i>Pump 500 gallons Mud Flush</i>
<i>4:34</i>	<i>350</i>		<i>5</i>	<i>5.5</i>	<i>Pump H2O spacer</i>
<i>4:40</i>	<i>0</i>		<i>31.6</i>		<i>Mix 125 sks AA2 at 15 ppb</i>
<i>4:40</i>					<i>Start down</i>
<i>4:40</i>					<i>flush pump and lines clean</i>
<i>4:43</i>				<i>5</i>	<i>Release plug</i>
<i>4:45</i>	<i>150</i>			<i>5</i>	<i>Start displacement</i>
<i>4:57</i>	<i>350</i>		<i>60</i>	<i>5</i>	<i>lift pressure</i>
<i>4:58</i>	<i>500</i>		<i>6</i>	<i>3.5</i>	<i>Reduce rate</i>
<i>5:00</i>	<i>600</i>		<i>55</i>	<i>3.5</i>	<i>Plug landed</i>
<i>5:00</i>	<i>1500</i>				<i>Pressure up on plug shut down</i>
<i>5:01</i>					<i>Release pressure NO Returns</i>
<i>5:10</i>	<i>0</i>		<i>8</i>	<i>2.5</i>	<i>Plug cut hole 30 sks 60/40</i>
<i>5:15</i>	<i>0</i>		<i>6</i>	<i>2.5</i>	<i>Plug Mouse hole 20 sks 60/40</i>
					<i>Job complete</i>