KOLAR Document ID: 1333058

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 # 35337
Name: Starlight Exploration, LLC
Address 1: 2408 MAIN ST., APT B
Address 2:
City: HAYS State: KS Zip: 67601 + __ __ __ __
Contact Person: JARED WERTH
Phone: (816) 943-6544
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: HERB DEINES
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 #:

1/25/2017	2/3/2017	2/4/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-193-20969-00-00
Spot Description:
SE - NW - NW - NW Sec. 35 Twp. 9 S. R. 32 ☐ East ☑ West
412 Feet from ☑ North / ☐ South Line of Section
537 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Thomas
Lease Name: WILD VINCE Well #: 1
Field Name:
Producing Formation: NONE
Elevation: Ground: 3071 Kelly Bushing: 3077
Total Vertical Depth: 4650 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 283 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: 25500 ppm Fluid volume: 600 bbls
Dewatering method used: Evaporated
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: 02/11/2017
☑ **Confidential Release Date:** 02/11/2019
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 02/13/2017

Operator Name: Starlight Exploration, LLC Lease Name: WILD VINCE Well #: 1

Sec. 35 Twp. 9 S. R. 32 ☐ East ☑ West County: Thomas

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☑ Sample
Samples Sent to Geological Survey	☑ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☑ No	Attached	Attached	Attached
Electric Log Run	☐ Yes	☑ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	283	80/20 POS	320	2%GEL 3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Starlight Exploration, LLC
Well Name	WILD VINCE 1
Doc ID	1333058

Tops

Name	Top	Datum
ANHYDRITE	2636	+441
HEEBNER SHALE	4042	-965
LKC	4077	-1000
BKC	4351	1274
MARMATON	4378	-1301
PAWNEE	4484	-1407
MYRIC STATION	4527	-1450
FT SCOTT	4546	-1469
CHEROKEE SHALE	4578	-1501
JOHNSON ZONE	4621	-1544
RTD	4650	-1573

Form	ACO1 - Well Completion
Operator	Starlight Exploration, LLC
Well Name	WILD VINCE 1
Doc ID	1333058

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	283	80/20 POS	320	2%GEL 3%CC

OPERATOR

Company:	STARLIGHT EXPLORATION, LLC		
Address:	2408 MAIN STREET, APT. B HAYS, KANSAS 67601		
Contact Geologist:	JARED WERTH		
Contact Phone Nbr:	816-943-6544		
Well Name:	WILD VINCE # 1		
Location:	NW NW NW SEC.35-T9S-R32W		
API:	15-193-20,969-00-00		
Pool:	WILDCAT	Field:	UNNAMED
State:	KANSAS	Country:	USA

Scale 1:240 Imperial

Well Name:	WILD VINCE # 1		
Surface Location:	NW NW NW SEC.35-T9S-R32W		
Bottom Location:			
API:	15-193-20,969-00-00		
License Number:	35337		
Spud Date:	1/25/2017	Time:	12:17 PM
Region:	THOMAS COUNTY		
Drilling Completed:	2/3/2017	Time:	10:19 PM
Surface Coordinates:	412' FNL & 537' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	3071.00ft		
K.B. Elevation:	3077.00ft		
Logged Interval:	0.00ft	To:	0.00ft
Total Depth:	4650.00ft		
Formation:	LANSING-KANSAS CITY		
Drilling Fluid Type:	CHEMICAL/FRESH WATER GEL		

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-100.8679264
Latitude:	39.2336297
N/S Co-ord:	412' FNL
E/W Co-ord:	537' FWL

LOGGED BY

SOLUTIONS CONSULTING

Company:	SOLUTIONS CONSULTING, INC.		
Address:	108 W 35TH HAYS, KS 67601		
Phone Nbr:	(785) 639-1337		
Logged By:	GEOLOGIST	Name:	HERB DEINES

CONTRACTOR

Contractor:	ROYAL DRILLING, INC.		
Rig #:	1		
Rig Type:	MUD ROTARY		
Spud Date:	1/25/2017	Time:	12:17 PM
TD Date:	2/3/2017	Time:	10:19 PM
Rig Release:	2/4/2017	Time:	7:00 AM

ELEVATIONS

K.B. Elevation:	3077.00ft	Ground Elevation:	3071.00ft
K.B. to Ground:	6.00ft		

NOTES

THE PRIMARY LKC ZONES IN THE "I" AND "J" AND THE PAWNEE AND MYRICK STATION ZONES WERE DRILL STEM TESTED WITH NEGATIVE RESULTS. THE WELL WAS DRILLED DEEPER TO EVALUATE THE FORT

SCOTT, CHEROKEE AND JOHNSON ZONE. WHILE THERE WAS A SMALL SHOW OF HEAVY OIL IN THE JOHNSON ZONE, IT WAS DEEMED TO BE IN A POORLY DEVELOPED ZONE. THE DECISION WAS MADE BY ALL THAT THE WELL BE PLUGGED AND ABANDONED WITH NO FURTHER TESTING OR LOGGING.

DRILL STEM TESTING BY DIAMOND TESTING: TWO CONVENTIONAL TESTS.

NO OPEN HOLE LOGS WERE RAN ON THIS WELL.

	WILD VINCE #1 SE NW NW NW SEC.35-9S-32W 3071'GL 3077'KB	HOWARD TRUST #1-26 SW SE SW SEC.26-9-32W KB 3062'	HOWARD # 1 NW SW SEC.26-9-32W KB 3063'
FORMATION	LOG TOPS	LOG TOPS	LOG TOPS
Anhydrite	2636 +441	+ 434	+ 447
B-Anhydrite	2664 +413	+ 406	+419
Heebner Shale	4042 -965	-970	-956
LKC	4077-1000	-1009	-993
BKC	4351-1274	-1282	-1267
Marmaton	4378-1301	-1309	-1290
Pawnee	4484-1407	-1408	-1393
Myrick Station	4527-1450	-1451	-1432
Ft. Scott	4546-1469	-1474	-1454
Cherokee Shale	4578-1501	-1505	-1484
Johnson Zone	4621-1544	-1546	-1525
RTD	4650-1573	-1607	-1607

SUMMARY OF DAILY ACTIVITY

1-25-17	Spud, drill to set surface casing, problems with sand
1-26-17	293', set 8 5/8" surface casing to 283' w/ 320 sxs 80/20 pos 2%Gel 3%CC, plug down 4:30 PM, WOC, slope ¾ degree.
1-27-17	370', drilling, drilled plug at 5:30 AM
1-28-17	1684', drilling, lost circulation at 1525', added LCM to control
1-29-17	2692', drilling, TOWB, mud pump repair, TIWB
1-30-17	3188', drilling
1-31-17	3747', drilling, set up gas detector
2-01-17	4238', CFS 4130',CFS 4290, short trip 24 stands, rig repair, TOWB, slope ¾ degree,
2-02-17	4290', DST # 1 4238' to 4290' "I" to "J" LKC, TIWB, drilling
2-03-17	4537' CFS 4510', CFS 4537' TOWB, DST # 2 4466'-4537' Pawnee and Myrick Station, TIWB, RTD 4650', P&A
2-04-17	4650', LDDP and P&A, RD

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: Wild Vince # 1 Dst 1

TIME ON: 03:50
TIME OFF: 09:47

Company Starlight Exploration LLC — Lease & Well No. Wild Vince # 1
Contractor Royal Drilling Rig 1 — Charge to Starlight Exploration LLC
Elevation KB 3077 GL 3071 Formation LKC I+J Effective Pay ____ Ft. Ticket No. RR259
Date Feb-02-2017 Sec. 35 Twp. 9 S Range 32 W County Thomas State KANSAS
Test Approved By Wyatt Urban — Diamond Representative ____

Formation Test No. 1 Interval Tested from 4238 ft. to 4290 ft. Total Depth 4290 ft.
Packer Depth 4233 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.
Packer Depth 4238 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4228 ft. — Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4276 ft. — Recorder Number 8471 Cap. 5000 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 68 — Drill Collar Length -- ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. — Weight Pipe Length -- ft. I.D. 2 7/8 in
Chlorides 500 P.P.M. — Drill Pipe Length 4213 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number na — Test Tool Length 25 ft. Tool Size 3 1/2-IF in
Did Well Flow? na Reversed Out na — Anchor Length 52A (20P) ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. — Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: Weak Blow (Built to 1/4" in 45 mins) NOBB
2nd Open: No Blow Pulled Tool do to Blow

Recovered 1 ft. of M 100% M
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____

Remarks: Tool Sample: 100 % M

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 6:07 AM A.M. P.M. — Time Started Off Bottom 7:55 AM A.M. P.M. — Maximum Temperature 115

Initial Hydrostatic Pressure ..... (A) 2039 P.S.I.
Initial Flow Period ..... Minutes 45 (B) 11 P.S.I. to (C) 14 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 44 P.S.I.
Final Flow Period ..... Minutes 15 (E) 14 P.S.I. to (F) 14 P.S.I.
Final Closed In Period ..... Minutes ____ (G) ____ P.S.I.
Final Hydrostatic Pressure ..... (H) 2004 P.S.I.

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Wild Vince # 1 Dst 2

TIME ON: 07:58
TIME OFF: 13:52

Company Starlight Exploration LLC — Lease & Well No. Wild Vince # 1
Contractor Royal Drilling Rig 1 — Charge to Starlight Exploration LLC
Elevation KB 3077 GL 3071 Formation Pawnee Effective Pay ____ Ft. Ticket No. RR260
Date Feb-03-2017 Sec. 35 Twp. 9 S Range 32 W County Thomas State KANSAS
Test Approved By Herb Deines — Diamond Representative ____

Formation Test No. 2 Interval Tested from 4466 ft. to 4537 ft. Total Depth 4537 ft.
Packer Depth 4461 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.
Packer Depth 4466 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4456 ft. — Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4506 ft. — Recorder Number 8471 Cap. 5000 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 56 — Drill Collar Length -- ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.6 cc. — Weight Pipe Length -- ft. I.D. 2 7/8 in
Chlorides 500 P.P.M. — Drill Pipe Length 4431 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number na — Test Tool Length 25 ft. Tool Size 3 1/2-IF in
Did Well Flow? na Reversed Out na — Anchor Length 71A (40P) ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. — Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB (Built to 1 1/4 inch in 45 mins) NOBB
2nd Open: No Blow (Pulled tool do to blow)

Recovered 4 ft. of M 100% M
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____

Price Job	
Other Charges	
Insurance	
Total	

Remarks: Tool Sample: 100% m

Time Set Packer(s) 10:48 AM A.M. P.M. Time Started Off Bottom 12:22 PM A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure ..... (A) 2173 P.S.I.
Initial Flow Period ..... Minutes 45 (B) 12 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 451 P.S.I.
Final Flow Period ..... Minutes 10 (E) 15 P.S.I. to (F) 23 P.S.I.
Final Closed In Period ..... Minutes ____ (G) ____ P.S.I.
Final Hydrostatic Pressure ..... (H) 2097 P.S.I.

ROCK TYPES

Clystgy
Lmst fw<7
Lmst fw7>
Lscongl
shale, gry
Carbon Sh
shale, red
Ss

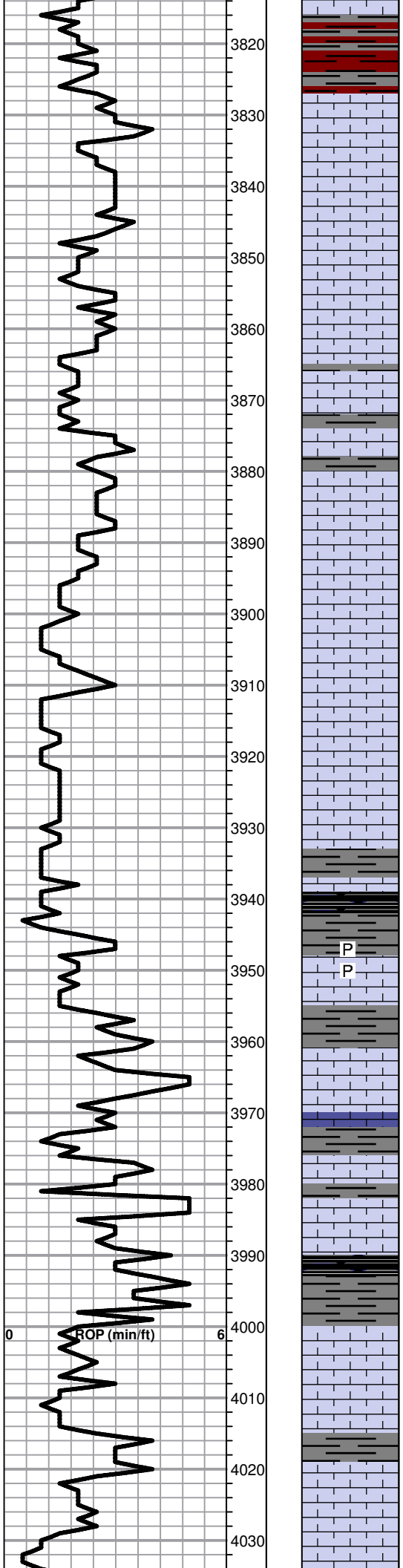
ACCESSORIES

MINERAL

▲ Chert, dark
P Pyrite
△ Chert White

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1 ROP (min/ft) 1:240 Imperial	Depth | Intervals Cored Interval DST Interval	DST	Lithology	Oil Show	Geological Descriptions	Curve Track #3 1:240 Imperial
0 ROP (min/ft) 6	3700				BEGIN 1' DRILL TIME FROM 3700' TO RTD BEGIN 10' WET AND DRY SAMPLES FROM 3800' TO RTD	
	3710				**ANHYDRITE SPL TOP 2636+441** **ANHYDRITE BASE 2664+413**	
	3720				8 5/8" SURFACE CASING SET TO 283' W/ 320 SXS 80/20 POS, 2% GEL 3%CC, CEMENT DID CIRCULATE TO SURFACE	
	3730					
	3740					
	3750					
	3760					
	3770					
	3780				Lime, crm-lt brn, fnxln-granular w/white chalky wash	
	3790				Lime, crm-lt brn, fn-vfxln, slightly fossiliferous	
0 ROP (min/ft) 6	3800					
	3810				Lime, crm-lt brn, fnxln to slightly granular in part, fusulinids	



Shale, soft mud with red wash

TOPEKA SPL TOP 3827-750

Lime, crm-lt brn, fnxln-slightly granular in part

Lime, lt-med brn, fn-vfxln w/ lt chalky wash

Lime, crm-lt brn, fnxln-slightly granular

Lime, crm-lt brn, fnxln

Lime, lt brn, fnxln with thin fossil beds, no wet cut, NS

Shale, med brown with lt shaley wash,

Lime, med grayish brn, fn-micro xln

Lime, lt brn, fnxln-granular, slightly fossiliferous

Lime, crm, fnxln with sticky bedded chalk

Lime, crm-lt brn, granular with fine fossil content with lt chalky wash, NS

Lime, lt-med brn, fn-micro xln

Lime, crm-lt brn, granular, slight bedded chalk

Lime, crm-lt brn, granular w/ slight bedded chalk

Lime, crm-lt-med brn-gray, fnxln-granular

Shale, gray to black carbonaceous, fissile, blocky

Lime, crm-lt brn, fnxln with scattered pyrite clusters

Lime, crm-lt brn, fn-vfxln-micro xln in part

Lime, offwhite-crm, fn-vfxln

Lime, offwhite-crm, fn-micro xln

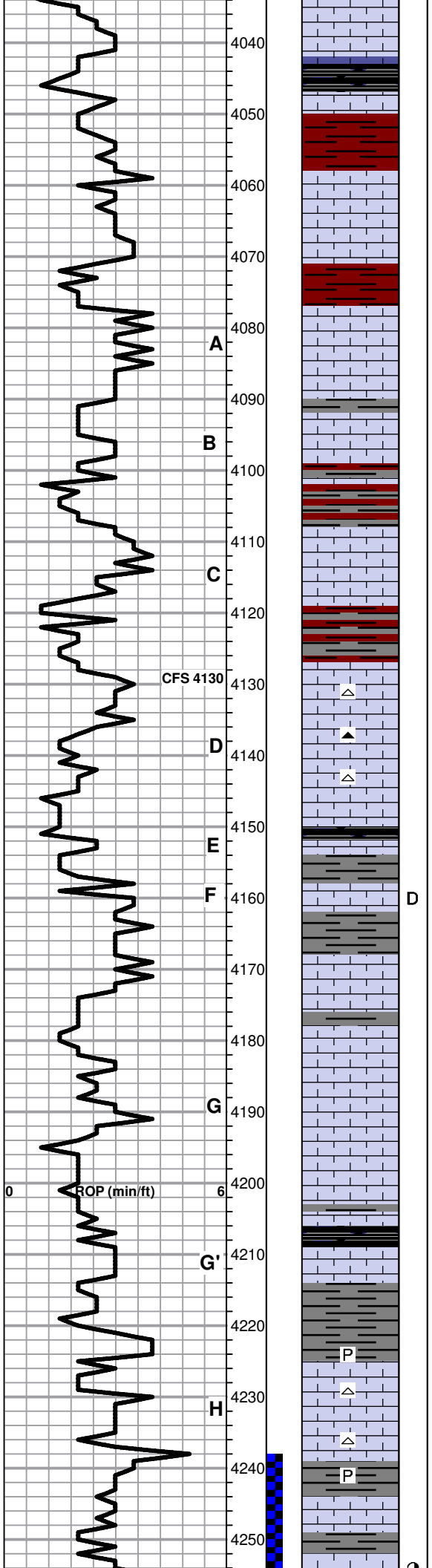
Shale, gray-black carbonaceous, fissile, blocky

Lime, offwhite-lt gray, fn-micro xln, sublithographic

Lime, lt-med -dark brn, fn-vfxln

Lime, crm, fnxln to granular in part, fine oomoldic in part, NS

Lime, offwhite, fnxln-granular, porous, NS



HEEBNER SHALE SPL TOP 4042-965

Shale, black carbonaceous, fissile, blocky
Lime, med brn, micro xln
Shale, red-brn, soft blocky

TORONTO SPL TOP 4058-981

Lime, white-crm, fnxln, NS

Lime, crm-offwhite, fn-vfxln
Shale, lt red wash, soft mud to soft blocky

LKC SPL TOP 4077-1000

Lime, white-crm, fn-vfxln, cemented oolitic beds, NS

Lime, white-crm, fnxln, very chalky, NS

Lime, crm-tan, fn-vfxln,white chalky wash, NS

Shale, brick, soft to firm blocky

Lime, crm-tan, fn-vfxln, chalky, NS

Shale, red, soft-firm blocky with lime green shales in part

Lime, white-lt brn, fnxln, hard on crush, with tan and orange chert fragments

Lime, lt brn-offwhite, fnxln-granular with interxln porosity, NS

Shale, black carbonaceous, blocky

Lime, pearl-ivory, fossiliferous with little visible porosity, spotty dead stain in fossil casts and interfossil fragments, dull wet cut

Lime, crm-lt brn, fnxln-granular with white chalky wash

Lime, crm, fnxln with white chalky wash, NS

Lime, crm, fnxln

Lime, crm-lt brn with med brn near shale boundary, fn-vfxln

Shale, black carbonaceous, fissile, blocky
Lime, med-dark brn, fn-micro xln

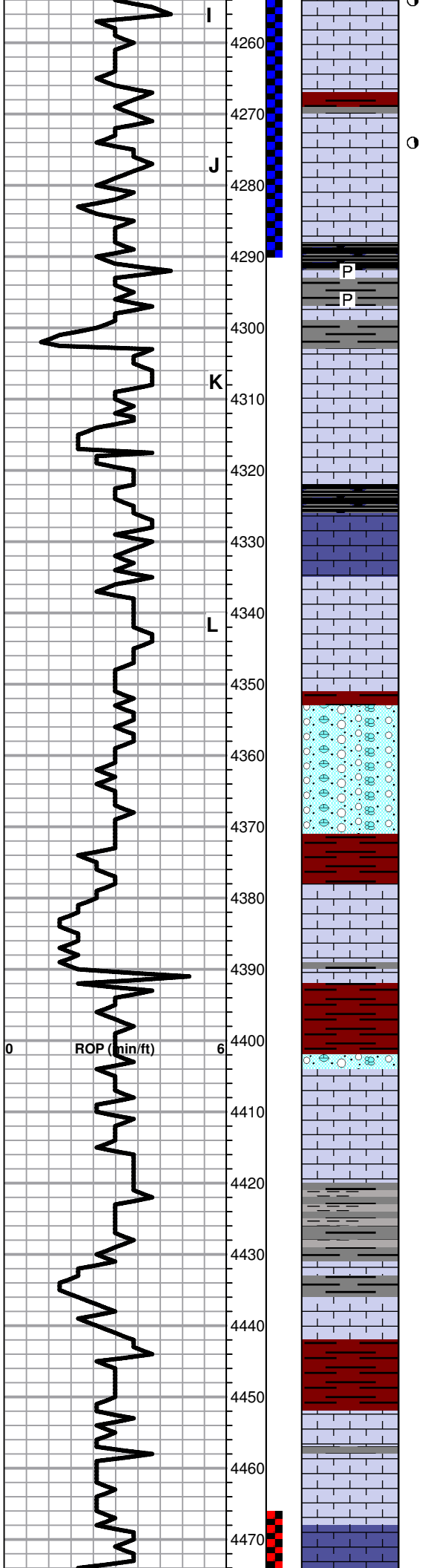
Shale, lt-med gray, soft blocky, waxy slick in part

Lime, crm-lt brn, fnxln, slightly pyritic, few granular chips, NS

Lime, offwhite-crm, fn-micro xln, chert, tan-orange, fresh

Lime, lt brn, fn-vfxln with pyrite clusters in part

Lime, crm, fnxln with thin bed with fine pinpoint vuggy



Lime, crm, fnxln with thin bed with fine pinpoint vuggy porosity, lt spotty to saturated staining around vugs, no detectable odor, few specks of oil floating in tray, no gas kick

DST # 1 4238-4290 SEE HEADER TO TEST SUMMARY

Shale, red, firm, blocky

Lime, crm-lt brn, fnxln with bed of fine fossil fragments with fine pinpoint vuggy porosity, NFO, no odor, spotty to saturated staining in fossil fragments and casts, slightly better developed than "I" zone

Shale, black carbonaceous, blocky

SLOPE SURVEY 3/4 DEGREE

Lime, dark brn, fn-micro xln, micro fossil content

Lime, crm-white with few granular chips, bedded chalk, NS no wet cut, slight fine fossil content in chalky matrix

Lime, offwhite-lt gray, fn-micro xln

Shale, gray-black carbonaceous, blocky

Lime, lt brn-lt grayish brn, fn-vfxln

Lime, med grayish brn, vfxln

Lime, lt-med brn, micro xln, NS

BKC SPL TOP 4351-1274

Lime, crm, clastic mix with vari color limes and red shale, NS

Lime, lt grayish green, granular, soft on crush, no wet cut

Shale, lt red wash, soft blocky

MARMATON SPL TOP 4378-1301

Lime, crm-lt grayish brn, fn-micro xln with slight bedded chalk

Shale, red wash, red to dark brn, soft-firm blocky

Lime, offwhite-lt brn, fn-micro xln with some red shale inclusions near shale boundary

Lime, lt gray, fn-vfxln

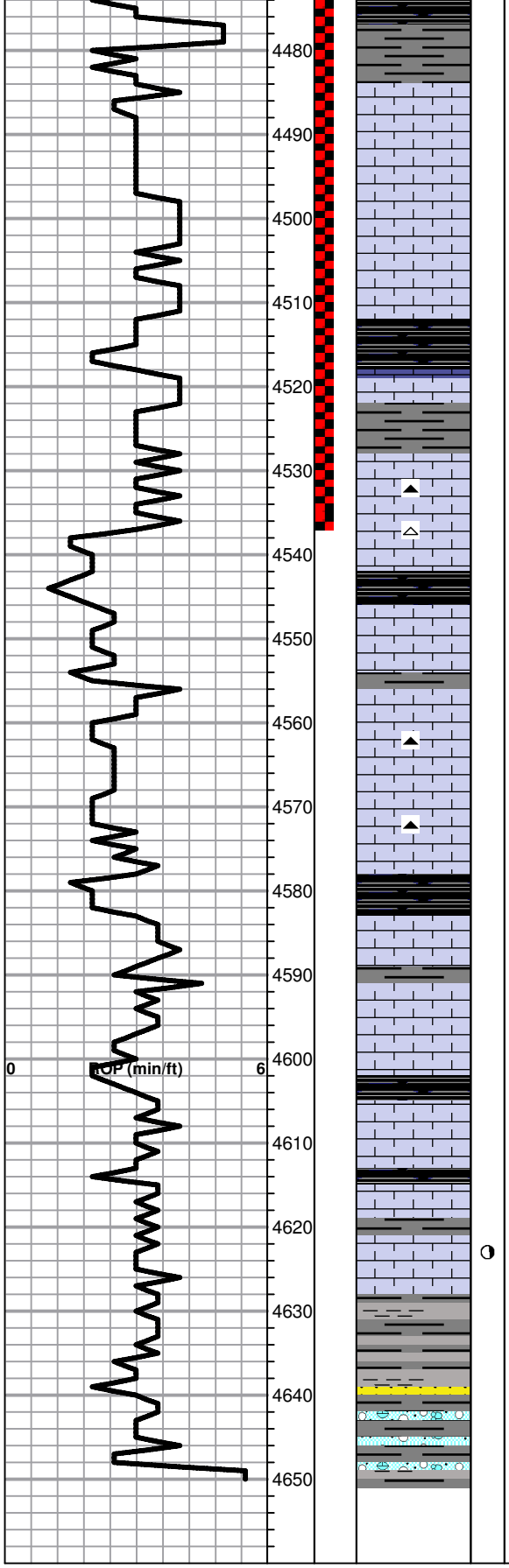
Shale, lt gray, soft sticky clumping, some firm waxy in part

Lime, lt brn, fnxln

Shale, red to dark brown, firm blocky

Lime, crm, fn-micro xln with lt chalky wash

Lime, crm-lt brn, fn-micro xln becoming offwhite to lt gray near shale boundary



Shale black carbonaceous, blocky with lt gray sticky in part

PAWNEE SPL TOP 4484-1407

Lime, crm-tan, fn-vfxln, chalky, NS, No Wet Cut

Lime, crm-lt brn-lt gray with depth, fn-micro xln, NS

Lime, lt gray, fn-micro xln

DST # 2 4466-4537 SEE HEADER FOR SUMMARY

Shale, black carbonaceous, soft blocky

Lime, med brn, micro xln

MYRICK STATION SPL TOP 4527-1450

Lime, crm-lt brn, fn-vfxln with bedded chalk, NS, white to orange chert fragments

Lime, lt brn, fn-micro xln

Shale, gray-black carbonaceous, fissile, blocky

FORT SCOTT 4546-1469

Lime, crm-lt brn, mostly fnxln w/no visible porosity, some fossil content but well cemented, NS

Lime, crm-lt brn, fn-vfxln
Chert, tan, fresh, sharp

Lime, gray-black, fn-vfxln

CHEROKEE SHALE 4578-1501

Shale, black carbonaceous, blocky

Lime, crm-tan, fn-micro xln, no visible porosity, chalk in part

Lime, lt brn-lt grayish brn, fn-micro xln

Lime, lt-med brn, fn-micro xln

JOHNSON ZONE 4621-1544

Lime, lt-med brn, thin bed of fossiliferous with heavy oil show, no odor or gas detector response, does not appear well developed.

Shale and siltstone, firm, waxy

SS, few chips, NS

Mix of clastic shales and lime rubble, NS

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: Wild Vince # 1 Dst 1

TIME ON: 03:50

TIME OFF: 09:47

Company Starlight Exploration LLC — Lease & Well No. Wild Vince # 1

Contractor Royal Drilling Rig 1 — Charge to Starlight Exploration LLC

Elevation KB 3077 GL 3071 Formation LKC I+J Effective Pay ____ Ft. Ticket No. RR259

Date Feb-02-2017 Sec. 35 Twp. 9 S Range 32 W County Thomas State KANSAS

Test Approved By Wyatt Urban — Diamond Representative ____

Formation Test No. 1 Interval Tested from 4238 ft. to 4290 ft. Total Depth 4290 ft.

Packer Depth 4233 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Packer Depth 4238 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4228 ft. — Recorder Number 0062 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4276 ft. — Recorder Number 8471 Cap. 5000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 68 — Drill Collar Length -- ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 7.2 cc. — Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 500 P.P.M. — Drill Pipe Length 4213 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number na — Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? na Reversed Out na — Anchor Length 52A (20P) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. — Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: Weak Blow (Built to 1/4" in 45 mins) NOBB

2nd Open: No Blow Pulled Tool do to Blow

Recovered 1 ft. of M 100% M

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: Tool Sample: 100 % M

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 6:07 AM A.M. P.M. Time Started Off Bottom 7:55 AM A.M. P.M. Maximum Temperature 115

Initial Hydrostatic Pressure ..... (A) 2039 P.S.I.

Initial Flow Period ..... Minutes 45 (B) 11 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 44 P.S.I.

Final Flow Period ..... Minutes 15 (E) 14 P.S.I. to (F) 14 P.S.I.

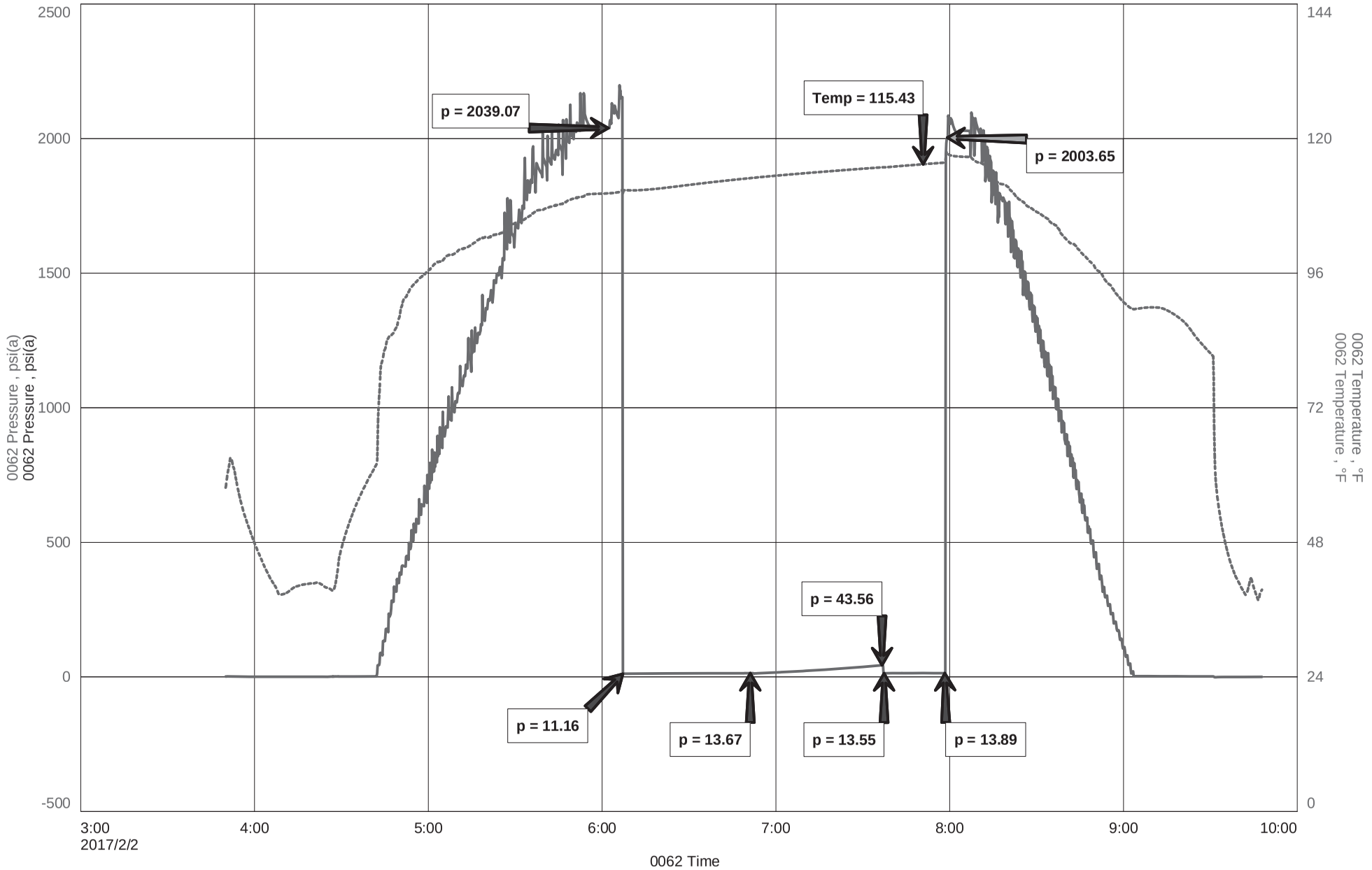
Final Closed In Period ..... Minutes ____ (G) ____ P.S.I.

Final Hydrostatic Pressure ..... (H) 2004 P.S.I.

Starlight Exploration LLC
Dst 1 LKC I'J (4238-4290)
Start Test Date: 2017/02/02
Final Test Date: 2017/02/02

Wild Vince # 1
Formation: Dst 1 LKC I'J (4238-4290)
Pool: Wildcat
Job Number: RR259

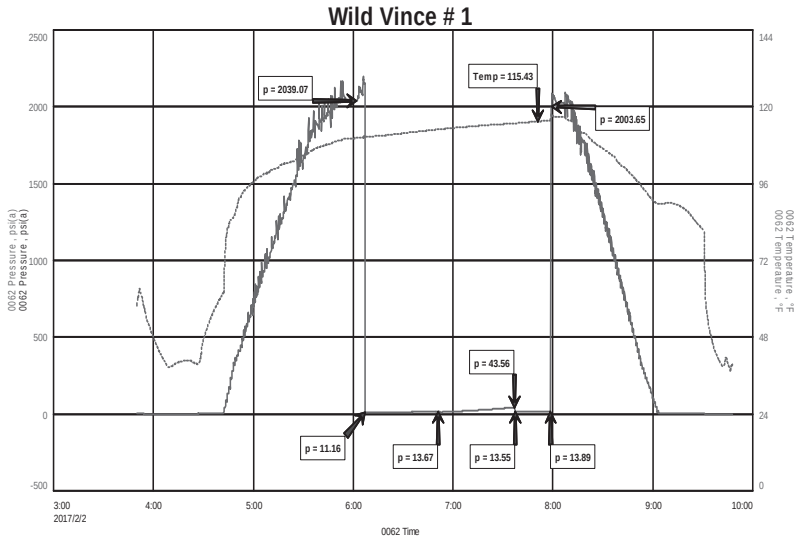
Wild Vince # 1



Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Starlight Exploration LLC**
Contact	**Jared Werth**
Well Operator	**Starlight Exploration LLC**
Well Name	**Wild Vince # 1**
Surface Location	**Sec: 35-9s-32 w (Thomas County)**
Field	**Unnamed**
Well Type	**Vertical**
Pool	**Wildcat**
Test Purpose (AEUB)	**Initial Test**
Qualified By	
Gauge Name	**0062**

Test Information

Job Number	**RR259**
Test Type	**Drill Stem Test**
Well Fluid Type	**01 Oil**
Formation	**Dst 1 LKC I'J (4238-4290)**
Start Test Date	**2017/02/02 YYYY/MM/DD**
Start Test Time	**03:50:00 HH:mm:ss**
Final Test Date	**2017/02/02 YYYY/MM/DD**
Final Test Time	**09:47:00 HH:mm:ss**

Test Results

Recovery:

1'	**M**	**100% M**

Tool Sample: **100% M**

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: Wild Vince # 1 Dst 2

TIME ON: 07:58

TIME OFF: 13:52

Company Starlight Exploration LLC — Lease & Well No. Wild Vince # 1

Contractor Royal Drilling Rig 1 — Charge to Starlight Exploration LLC

Elevation KB 3077 GL 3071 Formation Pawnee Effective Pay ____ Ft. Ticket No. RR260

Date Feb-03-2017 Sec. 35 Twp. 9 S Range 32 W County Thomas State KANSAS

Test Approved By Herb Deines — Diamond Representative ____

Formation Test No. 2 Interval Tested from 4466 ft. to 4537 ft. Total Depth 4537 ft.

Packer Depth 4461 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Packer Depth 4466 ft. Size 6 3/4 in. — Packer depth ____ ft. Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4456 ft. — Recorder Number 0062 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4506 ft. — Recorder Number 8471 Cap. 5000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ Cap. ____ P.S.I.

Mud Type Chem Viscosity 56 — Drill Collar Length -- ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 7.6 cc. — Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 500 P.P.M. — Drill Pipe Length 4431 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number na — Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? na Reversed Out na — Anchor Length 71A (40P) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. — Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB (Built to 1 1/4 inch in 45 mins) NOBB

2nd Open: No Blow (Pulled tool do to blow)

Recovered 4 ft. of M 100% M

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: Tool Sample: 100% m

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 10:48 AM A.M. P.M. Time Started Off Bottom 12:22 PM A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure ..... (A) 2173 P.S.I.

Initial Flow Period ..... Minutes 45 (B) 12 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 451 P.S.I.

Final Flow Period ..... Minutes 10 (E) 15 P.S.I. to (F) 23 P.S.I.

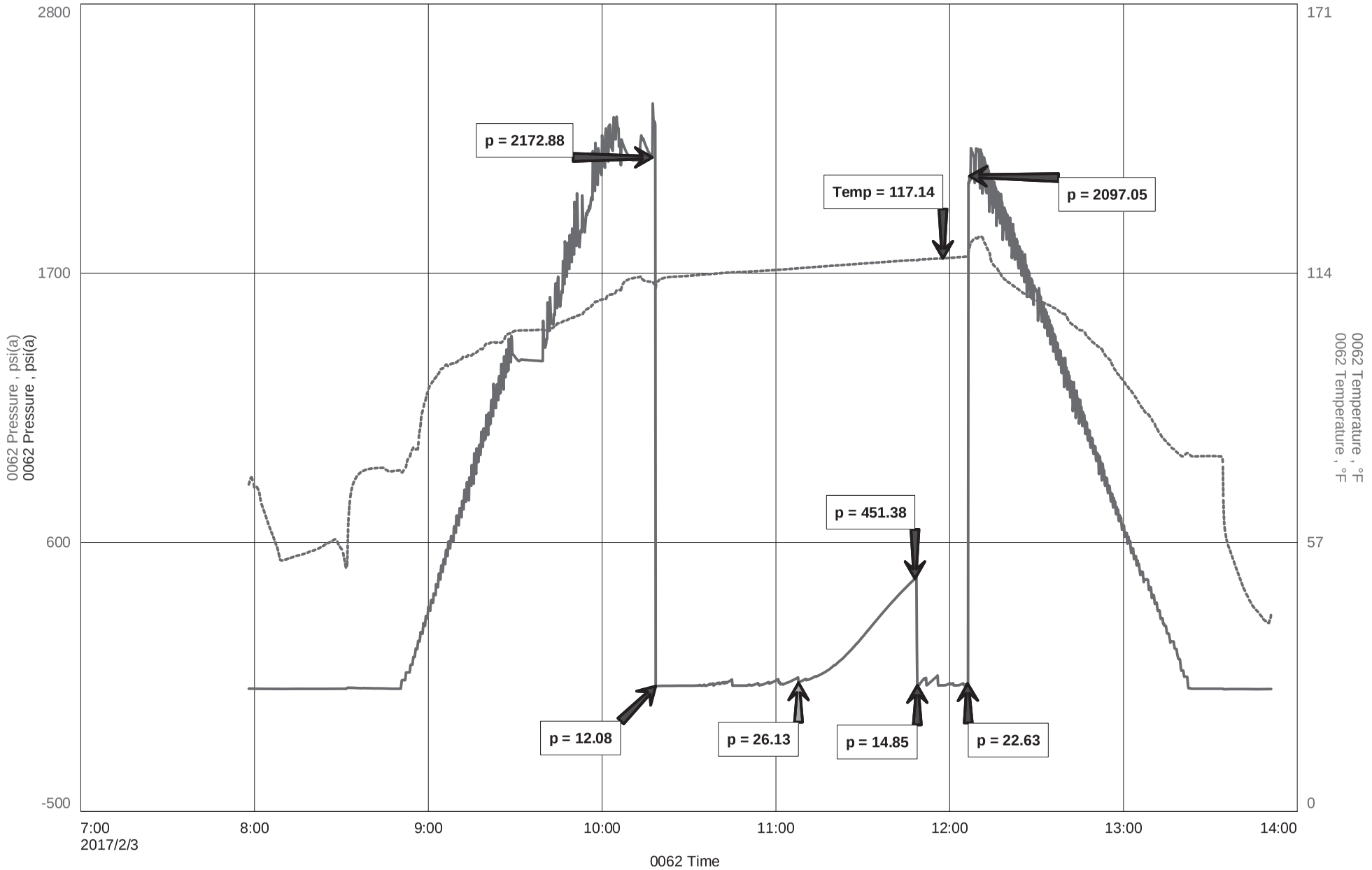
Final Closed In Period ..... Minutes ____ (G) ____ P.S.I.

Final Hydrostatic Pressure ..... (H) 2097 P.S.I.

Starlight Exploration LLC
Dst 2 Pawnnee Myrick Station (4466-4537)
Start Test Date: 2017/02/03
Final Test Date: 2017/02/03

Wild Vines 1
Formation: Dst 2 Pawnnee Myrick Station (4466-4537)
Pool: Wildcat
Job Number: RR260

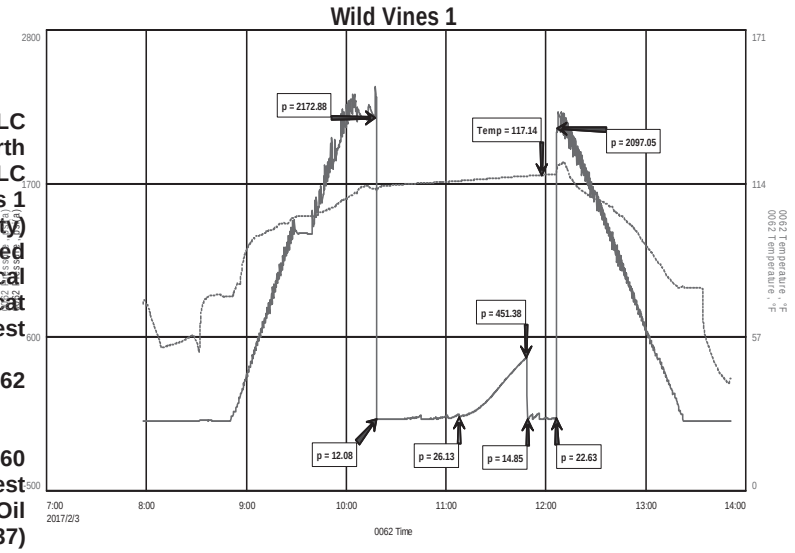
Wild Vines 1



Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Starlight Exploration LLC**
Contact	**Jared Werth**
Well Operator	**Starligh Exploration LLC**
Well Name	**Wild Vines 1**
Surface Location	**Sec: 35 - 9S- 32 W (Thomas County)**
Field	**Unnamed**
Well Type	**Vertical**
Pool	**Wildcat**
Test Purpose (AEUB)	**Initial Test**
Qualified By	
Gauge Name	**0062**

Test Information

Job Number	**RR260**	
Test Type	**Drill Stem Test**	
Well Fluid Type	**01 Oil**	
Formation	**Dst 2 Pawnnee Myrick Station (4466-4537)**	
Start Test Date	**2017/02/03**	**YYYY/MM/DD**
Start Test Time	**07:58:00**	**HH:mm:ss**
Final Test Date	**2017/02/03**	**YYYY/MM/DD**
Final Test Time	**13:52:00**	**HH:mm:ss**

Test Results

Recovery:

4' M 100% M

Tool Sample: 100% M

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1555

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-17 / 1-26-27-2017	35	9	32	Thomas	KS		4:30 PM

Location Oakley 6 N

Lease Wild Vince	Well No. 1	Owner	
Contractor Royal 1		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job Surface			
Hole Size 12 1/4	T.D. 293'	Charge To Star Light Exploration	
Csg. 8 5/8	Depth 276'	Street	
Tbg. Size	Depth	City	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg. 20'	Shoe Joint	Cement Amount Ordered 250 3% cc 2% Gel	
Meas Line	Displace 16 1/4 bbl	3.50 bbl 3% CC 2% gel	

EQUIPMENT

Pumptrk 5	No. Cementer / Helper Brett	Common 280	
Bulktrk 21	No. Driver / Driver Doug	Poz. Mix 70	
Bulktrk	No. Driver / Driver	Gel. 7	
		Calcium 13	

JOB SERVICES & REMARKS

Remarks:	Salt
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
276	Handling 370
Ran 8 5/8 + Brk circ	Mileage
Mix 320 sx	**FLOAT EQUIPMENT**
Displaced 16 1/4 bbl	Guide Shoe
	Centralizer
	Baskets
Cement did circulate	AFU Inserts
	Float Shoe
	Latch Down
ON Location 20 Hrs	
	Pumptrk Charge Surface
	Mileage (15 min)
	Tax
	Discount
X Signature Jon R. L.	Total Charge

JOB LOG

SWIFT Services, Inc.

DATE 4 Feb 17 | PAGE NO. 1

CUSTOMER Starlight Exploration | WELL NO. #1 | LEASE Wild Vince | JOB TYPE Plug to Abandon | TICKET NO. 30141

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
								305 sk 60/40 pozmix (4% gel) ¼# Flocele.
								4½ drill Pipe 1st 50 sk 2650'
								2nd 100 sk 1875'
								8⅝" to 316' 3rd 50 sk 325'
								4th 10 40'
								RH - 30sk MH - 15sk
	0130							on loc TRK 114
								2650'
	0258	3	13				300	1st plug 60/40 poz (4%) 50sk @ 13.1 ppg
		3	25				300	Displace to bottom
	0320							pull to 1875'
	0345	3½	26				300	2nd plug 60/40 poz (4%) 100sk @ 13.1 ppg
		3½	20					Displace to bottom
	0404							pull to 325'
	0441	3	13				100	3rd plug 60/40 poz (4%) 50sk @ 13.1 ppg
			1				100	Displace tbg
	0450							pull pipe - pull RH & MH
	0611							Plug RH - MH 30sk 15sk
	0620							40' 10sk
	0635							wash truck
								30 sk total
								Rack up
	0730							Job complete
								Thanks
								Blake, Flint, & Mike