KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1100388

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4175
Name: Dvorachek, Harold A. dba Quest Development Co.
Address 1: PO BOX 413
Address 2:
City: IOLA State: KS Zip: 66749 + 0413
Contact Person: Hal Dvorachek
Phone: (620) 365-5862
CONTRACTOR: License # 33900
Name: Leis, Steven A.
Wellsite Geologist: none
Purchaser: High Sierra

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] 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 ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

6/26/2012	6/26/2012	7/31/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-23323-00-00
Spot Description:
SE - SE - NW - NE Sec. 32 Twp. 22 S. R. 17 [x] East [ ] West
1180 Feet from [x] North / [ ] South Line of Section
1630 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[x] NE [ ] NW [ ] SE [ ] SW
County: Coffey
Lease Name: Mannschreck Well #: #9
Field Name: Parmely
Producing Formation: Squirrel Sand
Elevation: Ground: 1047 Kelly Bushing: 1051
Total Depth: 1044 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 0 ppm Fluid volume: 80 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Watts Tank Truck Service
Lease Name: Gilbert-Mitchell License #: 34724
Quarter SW Sec. 3 Twp. 24 S. R. 12 [x] East [ ] West
County: Greenwood Permit #: 15-073-22818

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

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 11/28/2012

Side Two

1100388

Operator Name: Dvorachek, Harold A. dba Quest Development Co. Lease Name: Mannschreck Well #: #9

Sec. 32 Twp. 22 S. R. 17 ☑ East ☐ West County: Coffey

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No
Electric Log Run ☑ Yes ☐ No
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma Neutron

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Cherokee Shale	936	+111

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	10	7	17	40	Portland	10	
Production	5.875	2.875	7.7	1036	OWC	125	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
2	981 to 987.5	sand 50# 16/30, 1450# 12/20	

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 8/2/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0		15		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☑ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

ENTERED

TICKET NUMBER 34853
LOCATION Eureka
FOREMAN Rick Ledford

FIELD TICKET & TREATMENT REPORT
CEMENT

API # 15-031-23323

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-26-12	6605	Mannschreck #9	32	22S	17E	Coffey

CUSTOMER: Quest Development
MAILING ADDRESS: P.O. Box 413
CITY: Iola | STATE: KS | ZIP CODE: 66749

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Dave		
479	Calin		
92	Alan Greenwood (MAY TRK)		

JOB TYPE L/S 0 | HOLE SIZE | HOLE DEPTH 1044' | CASING SIZE & WEIGHT
CASING DEPTH 1036' | DRILL PIPE | TUBING 2 7/8" | OTHER
SLURRY WEIGHT 13.8# | SLURRY VOL 32 Bbl | WATER gal/sk 8.0 | CEMENT LEFT in CASING 0'
DISPLACEMENT 6 Bbl | DISPLACEMENT PSI 350 | MIX PSI 700 Bump plug | RATE

REMARKS: Safety meeting- Rig up to 2 7/8" tubing. Break circulation w/ 3 Bbl fresh water. Pumped 4 sks gel-flush, brought gel to surface w/ pit water. Mixed 125 sks OWC cement w/ 1/2# phenoseal/sk @ 13.8#/gal. shut down, washout pump & lines, stiffe 2 plugs. Displace w/ 6 Bbl fresh water. Final pump pressure 350 PSI. Bump plug to 700 PSI. wait 2 minutes release pressure, float & plug held. Closed well in @ 0 PSI. Good cement returns to surface: 5 Bbl slurry to pit. Job complete Rig down

"Thank You"

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	50	MILEAGE	4.00	200.00
1126	125 sks	OWC cement	18.80	2350.00
1107A	62#	1/2# phenoseal/sk	1.29	79.98
1118B	300#	gel-flush	.21	63.00
5407A	4.5	ton mileage bulk trk	1.34	435.50
5502C	4 hrs	80 Bbl VAC. TRK	90.00	360.00
1123	3000 gals	city water	16.50/1000	49.50
4402	2	2 7/8" top rubber plugs	28.00	56.00
			Subtotal	4623.98
		6.3%	SALES TAX	163.71
			ESTIMATED TOTAL	4787.69

Ravin 3737

AUTHORIZTION H. Drumm 250869 TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Hodown Drilling Yates Center, KS

Lease Name: Mannschreck	Spud Date: 6-26-12	Surface Pipe Size: 7"	Depth: 40'	T.D.:1045
Operator: Quest Development	Well # 9	Bit Diameter: 5 7/8"		

Footage taken	Sample type
0_4	soil
4_14	clay
14_156	shale
156_192	lime
192_208	shale
208_258	lime
258_353	shale
353_413	lime
413_456	white lime
456_536	kc lime
536_545	shale
545_590	lime
590_756	shale
756_762	lime
762_776	shale
776_785	lime
785_816	shale
816_818	lime
818_856	shale
856_858	lime
858_879	shale
879_883	lime
883_889	shale
889_891	lime
891_921	shale
921_928	lime
928_933	shale
933_936	lime
936_979	shale
979_980	lime
980_987	good oil sand
987_989	broken oil sand
989_991	badly broken
991_1045	shale
1045	TD