

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:	
----------------	-------	---------	------------	--

Geological Report

MJ15 #1

1706' FSL & 1725' FEL

Sec. 15 T16s R20w

Rush County, Kansas

HARDROCK
Consulting, Inc.

Double G Petro, LLC.

General Data

Well Data: Double G Petro, LLC.
MJ15 #1
1706' FSL & 1725' FEL
Sec. 15 T16s R20w
Rush County, Kansas
API # 15-165-22193-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #4

Geologist: Jason T Alm

Spud Date: October 4, 2025

Completion Date: October 10, 2025

Elevation: 2174' Ground Level
2182' Kelly Bushing

Directions: McCracken KS, north 3 mi to intersection. East 3
mi to 140 rd. North 1 ½ mi, west into location.

Casing: 262' 8 5/8" surface casing
180 sks Class A 2% Gel, 3% CC

4034' 5 1/2" production casing
150 sks QPRO-C 10% Salt, 5% Gilsonite

Samples: 10' wet and dry, 3300' to RTD

Drilling Time: 3200' to RTD

Electric Logs: Midwest Wireline (Tim Martin)
CNL/CDL, DIL, MEL

Drillstem Tests: One, Diamond Testing, Inc. (David Urban)

Problems: None

Remarks: None

Formation Tops

	Double G Petro, LLC.
	MJ15 #1
	Sec. 15 T16s R20w
	1706' FSL & 1725' FEL
Formation	
Anhydrite	1421' +761
Base	1455' +727
Topeka	3220' -1038
Heebner	3506' -1324
Toronto	3526' -1344
Lansing	3546' -1364
BKC	3806' -1624
Pawnee	3868' -1686
Arbuckle	3918' -1736
LTD	4036' -1855
RTD	4035' -1854

Sample Zone Descriptions

LKC C-zone

(3570' -1388): Not Tested

Ls – Fine crystalline, oolitic packstone in part with poor to scattered fair moldic porosity, few pieces with light spotted oil stain, slight show of free oil on break, light odor, dull-fair yellow fluorescents, mostly dense, 35 Gas Units.

Arbuckle

(3918' -1736): Covered in DST #1

Dolo – Fine rhombic crystalline with fair to good inter-crystalline and scattered vuggy porosity, light to fair oil stain in porosity, few rocks with light saturation, fair show of free oil, good odor, good yellow fluorescents, 260 Gas Units.

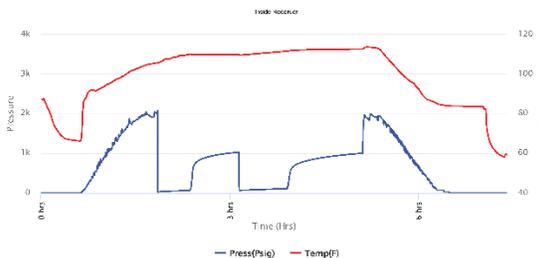
Drill Stem Tests

Diamond Testing, Inc.
"David Urban"

DST #1 Arbuckle

Interval (3901' – 3930') Anchor Length 29'

IHP – 2081 #	18-64 #
IFP – 30" – BOB 17 min.	1027 #
ISI – 45" – Dead	69-106 #
FFP – 45" – BOB 14 min.	1001 #
FSI – 60" – Built to 1/8 in.	
FHP – 1969 #	
BHT – 113°F	



Recovery:	184' GIP		
	162' SGCO	90% Oil	
	95' SGMCO	75% Oil, 20% Mud	

Structural Comparison

	Double G Petro, LLC. MJ15 #1 Sec. 15 T16s R20w 1706' FSL & 1725' FEL			
Formation				
Anhydrite	1421' +761	759	(+2)	1420' +765
Base	1455' +727	NA	NA	1456' +729
Topeka	3220' -1038	-1039	(+1)	3233' -1048
Heebner	3506' -1324	-1327	(+3)	3520' -1335
Toronto	3526' -1344	-1347	(+3)	3537' -1352
Lansing	3546' -1364	-1367	(+3)	3558' -1373
BKC	3806' -1624	-1628	(+4)	3814' -1629
Pawnee	3868' -1686	-1687	(+1)	3878' -1693
Arbuckle	3918' -1736	-1745	(+9)	3926' -1741

Summary

The location for the MJ15 #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Arbuckle Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the MJ15 #1 well.

Recommended Perforations

Primary:

Arbuckle

3920' – 3928'

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.
AAPG #10134582

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 4599

Date	10-9-25	Sec.	15	Twp.	16	Range	20	County	Rush	State	KS	On Location		Finish	1:45 AM	
Location								Liebenthal 1 S 10 W 2 N								
Lease	M 5 15			Well No.	1			Owner								
Contractor	Discovery							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	Long string							Charge To Double G Petro								
Hole Size	7 7/8			T.D.	4036			Street								
Csg.	5 1/2 17			Depth				City State								
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Tool				Depth				Cement Amount Ordered 2000 PRO C 10% salt								
Cement Left in Csg.	45.02			Shoe Joint	45.02			SAGIL 500 gal Flush								
Meas Line				Displace	92.54			Common 200 P.C.								
EQUIPMENT																
Pumptrk	No.	Cementer	Bill			Poz. Mix										
		Helper														
Bulktrk	No.	Driver	SOE			Gel.										
		Driver														
Bulktrk	No.	Driver	COPY			Calcium										
		Driver														
JOB SERVICES & REMARKS																
Remarks:	Salt 15															
Rat Hole	30			Flowseal												
Mouse Hole	15			Kol-Seal 800#												
Centralizers				Mud CLR 48 500 gal												
Baskets				CFL-117 or CD110 CAF 38												
D/V or Port Collar				Sand												
pipe set	e 4139.79			Handling 223												
Shoe st	45.02			Mileage												
Insert	3928.90			FLOAT EQUIPMENT												
pump	500 gal Flush			Guide Shoe												
Cement	155.24			Centralizer 5												
pump plug	4 92.5 bbls			Baskets -1												
Land plug	e 1500#			AFU Inserts												
				Float Shoe -1												
				Latch Down -1												
				P.C. -1												
				Pumptrk Charge				Prod string								
				Mileage 54												
Thanks																
Signature Ryan Joske												Tax				
												Discount				
												Total Charge				

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 4594

Date	10-4-25	Sec.	15	Twp.	16	Range	20	County	Rush	State	Ks	On Location		Finish	6:30 PM
Lease								Location				Liebenthal 15 10W 2N			
Lease								Well No.		Owner					
Contractor								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								T.D.		Charge To					
Hole Size								262		Double G. Ret					
Csg.								Depth		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.								Shoe Joint		Cement Amount Ordered					
Meas Line								Displace		1400 5/20 3-2					
EQUIPMENT								Common							
Pumptrk								No.		Cement					
Bulktrk								No.		Helper					
Bulktrk								No.		Driver					
Bulktrk								No.		Driver					
Bulktrk								No.		Driver					
Bulktrk								No.		Driver					
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
DNV or Port Collar								Sand							
Set e 262								Handling							
Century 1804								Mileage							
pump plug w/ 15 3/4								FLOAT EQUIPMENT							
Cemt Did Cike								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage							
Signature								Thanks							
								Tax							
								Discount							
								Total Charge							