

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	RIGGS SELLENS B 2
Doc ID	1714293

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	2900-15' (Viola)	500 gals. 10% NE	(produced prior to SWD convert)
4	2794-98' (Hunton; non-productive)		
4	3076-92' (Arbuckle)	1000 gals. 28% DWA	20 bbls. KCL over flush

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	RIGGS SELLENS B 2
Doc ID	1714293

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	10.75	23	450	Common	200	3% C.C., 2% gel
Liner	7.875	4.5	12	3364	QMD	250	1/4# flo-seal/sx.
Production	7.875	7.00	15.5	3026	Common	75	0

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3660

Cell 785-324-1041

Date	S-2-23	Sec.	22	Twp.	15	Range	13	County	Russell	State	Ks	On Location		Finish	6:00 PM
Lease	Riggs - Sellens B-2			Location			Pioneer Rd + I-70, S to Winterset								
Well No.	Injection			Owner			Rd. 1E, 1/2 S, W 1/2 S to well								
Contractor	Western Well Service			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	4 1/2" x 7" Liner			Charge To			John O Farmer								
Hole Size	4 1/2"			T.D.											
Csg.	4 1/2"			Depth			3364'								
Tbg. Size				Depth											
Tool				Depth											
Cement Left in Csg.				Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line	Displace			52 BCS			Fib-seal			Cement Amount Ordered 250 80/20 QMDC 1/4#					
EQUIPMENT															
Pumptrk	16	No.	Cement	Nick			Common			250 80/20 QMDC					
Bulktrk	1	No.	Driver	Ross			Poz. Mix								
Bulktrk	Pull	No.	Driver	Rick			Gel.								
JOB SERVICES & REMARKS															
Remarks:	Load 4 1/2" Liner w/ 52 BCS														
Rat Hole	of H2O Establish a blow														
Mouse Hole	mix 250 80/20 Cement. Shut														
Centralizers	down wash pump + lines														
Baskets	Released plug + Displaced														
D/V or Port Collar	with 152 BCS H2O														
	Released + Float held.														
	Left pressure 900 #														
	Land plug to 1500 #														
	Cement did Circulate														
witnessed by KCC Ray Dinkel															
FLOAT EQUIPMENT															
	Guide Shoe 1-Rubber plug														
	Centralizer 4														
	Baskets														
	AFU Inserts														
	Float Shoe Butt weld														
	Latch Down														
	Pumptrk Charge 4 1/2" Liner														
	Mileage 15														
	Thanks														
X Signature	[Signature]														
	Tax														
	Discount														
	Total Charge														

Riggs Sellens B #2 SWD

SWD conversion

330' FSL & 990' FEL

Sec 22 T15S Rge 13W Russell co

4-14-23 LD Stoughton Backhoe Service leveled location, dug 2 pits 8" wide x 18' long x 6' deep, put in pit liners, on the north west side of well. O P Trucking delivered 80 jts new 4 1/2" 11.6# casing from Midwestern Pipeworks, put on JOF Inc racks. Moved 2 7/8" tubing workstring from Riggs Sellens B #1 well. Put on JOF Inc tubing sills.

4-18-23 Try to move in Western Well Service double drum derrick, location to soft, pit caving.

4-19-23 LD Stoughton Backhoe delivered 1 load of rock, filled in pit closest to well, packed dirt and rock for base for rig. Extended the other pit to 30' long. Back in pulling unit, still soft, put 2 - 3" x 12" boards to back on to. Rig up, release Baker AD-1 packer, pull 94 jts 2 3/8" sealtite tubing. Move sealtite tubing to the Riggs Sellens B 1, to clean and test. Run a new 6 1/8" Tricone Varel bit, 3 - 4" drill collars on 2 7/8" tubing to 2465'. Put in stripper rubber, put valve on tubing, shut in. Flowing water all the while, pulling and running tubing.

4-20-23 Run tubing and bit to 3,256', hookup mud pump and power swivel, clean open hole to 3,294'. Drill to 3,300', drilling 30 minutes to the foot. Circulate clean, pull 9 jts tubing, 1 jt in the air, shut in, shut down.

4-21-23 Drill from 3,300' - 3,441', drilling 8 - 10 minutes per foot, circulate 1 hour and 45 minutes, remove power swivel, tubing is stuck. Hookup power swivel and mud pump, get circulation, work tubing up and down, pulled 70,000#, pulled app 20' of tubing, stopped. No circulation. Shut down.

4-22-23 Check tubing, will not move.

4-24-23 Replace boards under rig. Pull on tubing, chain broke in drawworks. Shut down, repair rig. Pull 4' of tubing. Shut down.

4-25-23 Put extra hose on tubing head, hookup RPM Services LLC acid truck, Shane's Tank Service had 160 bbls saltwater, pump 5 bbls, tubing loaded, 32 bbls had some circulation, increase rate to 2.4 bpm at 1,200# pressure increase rate to 4.5-5 bpm at 1,400# pressure, pulled on tubing, came free, pulled 1 jt, dragging bad, pulled 2 jts until it was free. Pumped a total of 235 bbls water. Pull all tubing, collars and bit. Bit was worn some, run new 6 1/8' bit 3 drill collars to 3,026'. Shut down. Empty pit. Will mud up tomorrow.

4-26-23 Shane's Tank Service delivered 160 bbls mud (Discovery Drilling mixed mud) to location, hookup to mud pump, pump 130 bbls mud to fill hole with mud, put the rest of the

mud in pit. Run tubing to 3,179', put on swivel, clean well bore to 3,341', drill to 3,346' in 1 ½ hours. Circulate 1 hour and 30 minutes, pull 11 jts tubing, shut down.

4-27-23 Run tubing to 3,288', tagged. Jet pits, circulate well bore clean to 3,308'. Pull joint of tubing up and down, something catching bit, lost app 1-2'. Mud pump quit pumping. Pull tubing to 3,270', decide to shut pump down and clean, pull 17 jts tubing. Clean pump, get pump to pump, clean well bore to 3,341', (5' less than yesterday), circulate well bore for 1 ½ hours. Pull all tubing. Shut down. Took 4 hours to clean well bore from 3,308-3,441'. Decide to drill 24 hours a day. Kansas Fishing Tool, delivered another drill collar.

4-28-23 Clean pit. Pull bit and check, looks good, run bit, 4 drill collars. Move in larger mud pump, Mai Excavating delivered JOF Inc swab tank, Shanes's Tank Service put 190 bbls freshwater in tank. Shut down. Jacob's Welding beveled 10 jts of casing.

5-1-23 Run tubing to 3,288', stopped, Shane's Tank Service delivered 140 bbls mud (Discovery Drilling) mixed the mud. Pump mud thru mud pump, cleaned well bore to 3,346', drilled to 3,355' at 7:00 PM. Switched crews. Drilling at 45-60 minutes per foot, bouncing bad.

5-2-23 Drill to 3,365', circulate for 2 hours on bottom, pull 20 jts tubing for short trip circulate 1 hour, run bit to bottom, no problem. Pull tubing, collars and bit. Bit had teeth worn flat, bad shape. Weld 10 jts of 4 ½" 11.6# casing, run 70 jts threaded casing to 3,364', poor boy 4 1/2" casing to the 7" casing, put 2 - 2" collars in 7" casing. Hookup quality Oilwell Cementing pump 52 bbls freshwater down 4 ½" casing, good circulation, mix and pump 250 sxs QMD cement with 2% CC and 1/4 # flo seal, cement did circulate, witnessed by Ray Dinkel KCC Rep. Pumped app 60 sxs cement into pit. Landed plug at 1,500#, release pressure, float holding. Washup, shut down. Jacob's Welding and Dustin Peck JOF Inc roustabout welded liner. Dustin Peck welded casing strings together.

5-3-23 Lay tubing down, rig down, move off.



Val Dreher Production foreman
Alan Nichol Production foreman



Production Foreman:
Alan Nichol

Riggs Sellens B # 2 SWD

330' FSL & 990' FEL

22-15-13W

Russell County, KS

INJ to SWD

5-8-23 Mia Excavating moved out 2 7/8" work string and cleaned up around location with backhoe. Moved in 2 3/8" work string. Tim's Truck tested tubing.

5-9-23 Rig up Western Well Service, run in 3 7/8" bit, 5 drill collars and 2 3/8" tubing. Tag cement at 3,277 got swivel hooked up and shut down rain.

5-10-23 Started drilling on cement at 3,277 down to 3,363 started drilling on float shoe to 3,364 drilled out in open hole to 3,374 and mud pump stopped working. Pulled bit up to 3310 and shut down.

5-11-23 Brought out Western Well Service tri plex, hooked up and started drilling from 3,374 to 3,386 and started drilling up metal made 2' in 3 hours, still getting up metal, circulate clean pulled bit into liner and shut down.

5-12-23 Started drilling 3,388 made 6" in 2 hours and lost a cone on bit. Ran in Kansas Fishing Tool magnet on sand line, got cones and bearings out of hole. Ran in with flat bottom mill and shut down.

5-15-23 Hooked up swivel got circulation and started milling at 3,388. Milled on metal for 3 hours to 3,389. Made 3' to 3,392 in 2 hours with mill without getting any metal returns. Pulled out mill and ran in with tri cone rock bit. Drilled from 3,392 to 3,400 in 1 hour Circulate clean, pull up into liner and shut down,

5-16-23 Ran down, hook up swivel and drilled from 3,400 to 3,421 losing good amount of water from pit until well took it on vacuum. Increase pump to 5 bpm and still couldn't catch circulation. Broke off swivel and pulled bit out of hole.

5-17-23 Mia Excavating moved out 2 3/8" work string and brought in 2 3/8" sealtite tubing. Reinhardt Services brought out packer and ran in for production:

23.00'	2 3/8" Fiberglass tailpipe
6.00'	2 3/8" x 4 1/2" Aero set 1x pkr (3' to center rubber)
3,338.14'	106 - 2 3/8" Sealtite tubing
8.00'	2 3/8" Sealtite sub

Hook up Shane's Tank Service and pump 40 bbls of packer fluid. Packer is set at 3,350 with 18" of stretch and bottom of tailpipe at 3,376. Ray Dinkel with KCC witnessed MIT. Rig down and move off. RPM Services hooked up acid truck and treated with 1,500 gallons of 20% acid at 2.4 bpm at 200# was on 1.5 bpm vac when fished total load was 80 bbls.