

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1201244

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
□ Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
GSW Permit #:	Cuerter See Two S R Total West
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. 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							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Page Two



Operator Name:				_ Lease N	lame: _			Well #:		
Sec Twp	S. R	East	West	County:						
open and closed, flow and flow rates if gas t Final Radioactivity Lo	now important tops of for ving and shut-in pressu to surface test, along w ng, Final Logs run to ob ed in LAS version 2.0 o	ires, whet ith final ch tain Geop	her shut-in pre nart(s). Attach physical Data a	ssure reach extra sheet nd Final Ele	ned stati t if more ectric Lo	c level, hydros space is need	static pressures ded.	s, bottom hole tempe	erature, fl	luid recovery,
Drill Stem Tests Taker (Attach Additional		Ye	s No		L	og Forma	ation (Top), Dep	oth and Datum		Sample
Samples Sent to Geo	ological Survey	Ye	s No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
			CASING	RECORD	Ne	w Used				
		Repor	t all strings set-c	onductor, sur	rface, inte	ermediate, produ	uction, etc.			
Purpose of String	Size Hole Drilled		Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement			and Percent dditives
			ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECOF	RD			
Purpose: Perforate Protect Casing Plug Back TD	Perforate Protect Casing									
Plug Off Zone										
Does the volume of the t	ulic fracturing treatment or total base fluid of the hydra ring treatment information	aulic fractur	-		-	Yes Yes Yes	No (If N	lo, skip questions 2 and lo, skip question 3) lo, fill out Page Three c		D-1)
Shots Per Foot			D - Bridge Plugs ach Interval Perf				racture, Shot, Ce	ement Squeeze Record		Depth
	2000							, , , , , , , , , , , , , , , , , , , ,		
TUBING RECORD:	Size:	Set At:		Packer At	:	Liner Run:	Yes	No		
Date of First, Resumed	Production, SWD or ENH	IR.	Producing Meth	od:	,	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.		Mcf	Wate		Bbls.	Gas-Oil Ratio		Gravity
DISPOSITI Vented Solo	ON OF GAS:		N pen Hole	IETHOD OF	_	Comp.	Commingled	PRODUCTIO	N INTER	VAL:
(If vented, Su	bmit ACO-18.)		ther (Specify)		(SUDITIIL)	(S	Submit ACO-4)			

Form	ACO1 - Well Completion		
Operator Downing-Nelson Oil Co Inc			
Well Name Schmidt 'B' 11			
Doc ID	1201244		

Tops

Name	Тор	Datum	
Top Anhydrite	1233'	+826	
Base Anhydrite	1276'	+783 -964	
Topeka	3023'		
Heebner	3269'	-1210	
Toronto	3288'	-1229	
LKC	3314'	-1255	
ВКС	3550'	-1491	
Arbuckle	3586'	-1527	

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Schmidt 'B' 11
Doc ID	1201244

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3586' - 3589'	250 gallons 15% Mud Acid	3586'-3589'
4	3579.5' - 3582.5'	200 gallons 15% INS	3579.5' - 3582.5'
4	3387' - 3390'	500 gallons 20% Mud Acid	3586' - 3589'
4	3586' - 3589'	250 gallons 20% Mud Acid	3387' - 3390'
4	3496' - 3500'	250 gallons 20% Mud Acid	3496' - 3500'
4	3475' - 3478'	250 gallons 20% Mud Acid	3449' - 3452'
4	3449' - 3452'	750 gallons 15% NE Acid	3449' - 3452'
4	3361' - 3364'	250 gallons 20% Mud Acid	3361' - 3364'
4	3346' - 3350'	250 gallons 20% Mud Acid	3346' - 3350'
		750 gallons 15% NE Acid	3346' - 3350'

Form	ACO1 - Well Completion		
Operator Downing-Nelson Oil Co Inc			
Well Name Schmidt 'B' 11			
Doc ID	1201244		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface Pipe	12.25	8.625	23	215	Common		2% Gel & 3% CC
Production Casing	7.875	5.5	14	3695	EA/2	150	

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 7146

Cell 785-324-1041								
* * * * * * * * * * * * * * * * * * * *	Sec.	Twp.	Range	5	County	State	On Location	Finish
Date 4-7-14	3	13	17	EII,		k5		
				Location	on Codell	Rd, N to E	mmarn Rd, Kyw,	in2 on lease
Lease Schmidt B			Well No. / /		Owner Rd			
Contractor Discovery &	13			<u> </u>	You are here	ilwell Cementing, by requested to	rent cementing equipmen	t and furnish
Type Job Surface				· · · .	cementer an	d helper to assis	t owner or contractor to de	work as listed.
Hole Size 124		T.D.	215		Charge Dov	uning Nelson		
Csg. 95/8	٠٠	Depth	215	····	Street	. 7	<u> </u>	
Tbg. Size		Depth			City	:	State	
Tool		Depth			· · · · · · · · · · · · · · · · · · ·		ion and supervision of owner	
Cement Left in Csg.		Shoe J	loint 20		Cement Amo	ount Ordered 15	Osx, 3%cc,2% ge	<u>}</u>
Meas Line	· ·	Displac	e 1214 661			1 1		:
	EQUIPN	IENT			Common	150		
Pumptrk /8 No. Ceme	r Cody	/			Poz. Mix			
Bulktrk 4 No. Driver	Lonnis	e Wi			Gel. 3			
No Driver	Travis				Calcium 5			
	RVICES	& REMA	ARKS		Hulls			
Remarks: Cement did	circ	ulate	9		Salt			
Rat Hole				· .	Flowseal	- 1		
Mouse Hole					Kol-Seal			
Centralizers		· .			Mud CLR 48	3		
Baskets		-			CFL-117 or	CD110 CAF 38		
D/V or Port Collar					Sand			
				À	Handling	58		
					Mileage			
						FLOAT EQU	JIPMENT	
					Guide Shoe			
					Centralizer			
and the second second	F 1 14		7000 2000		Baskets			
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		A CONTRACTOR			Float Shoe			
	. "			1	Latch Down			8
		11/1/11/11						. / : · · · ·
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	de la Agr	, , , , , , , , , , , , , , , , , , , ,					Discount	
Signature Chille C	Infl	اب ا					Total Charge	

SWIFT Services, Inc. **JOB LOG** DATE 4-12-14 PAGE NO. JOB TYPE Str TZU Stage TICKET NO. 25-447 WELL NO. CUSTOMER Schnidt Downing Nelson PRESSURE (PSI) CHART VOLUME (BBD) (GAE) PUMPS RATE (BPM) TIME **DESCRIPTION OF OPERATION AND MATERIALS** TUBING CASING 0800 un location TO 3700 55 21 TP 3695 Inser 3674 DV TUP 59 1233 centralifers 1,357,9,11,58 Basker 59 5/2 x 14" US 30 Start Pipe 100 Drop Ball Break Grade from Rotate 1030 Start Mud Chish 12 Start KCL Elish 5 20 300 36 Start EA-2 150 SIG 200 1048 Drug Plug wash out Pump + lines 1050 Start Orsplacement 70 Starx KCL Phil 700 14nd Plug 1105 89.6 Release Dry 1107 Drop opening Plug 74 1110 flug RH 30sks MH 75 sks 1125 14W Open DV 1130 Start SMO Benent 155 skg 86 1145 Drop Closing flug wastour fump stones Start Displacement 300 25 sks to pit Circulate cement 20 400 land plug 30 Release Ory washup Rade Up 1230 Job Lomplex Thomak You Jush, Brian, Aub

RON NELSON CONSULTING PETROLEUM GEOLOGIST 3322 LINCOLN DRIVE HAYS, KANSAS 67601 PHONE: 785-628-3449 COMPANY Downing-Melson On Go Tinc. WELL Schmiot B & 11

FORMATION

TOP ANHYORITE BASE ANHYORITE

TOPEKA Hebnek

THEONTD LKC BYC

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GEOLOGIC REPORT LOG

COMPANY Downing-Melson On Co Tinc.	
WELL SCHMIOT B #11 FIELD Catharine LOCATION 1000 FNL & 1320 FEL	PRODUCTION
SEC. 3 TWP. 13s RGE 17w COUNTY Ecus	ELEVATION KB 2059' DF GL 2051'
STATE KANSAS	Drilling Measured From: KB Samples Saved From To: Drilling Time From 2.900 To:
OPERATOR DAOCI CONTRACTOR DISCOVERY DRUGA RIGHI COMM: 4-7-14 COMP: CASING RECORD SURF: 8 8 PROD: 51/2" @ 31/9" TOTAL DEPTH DRILLERS: 3700' TOTAL DEPTH LOG 3700'	Samples Examined From: 3250 To: 7D Geological Supervision From: 4300 To Total Depth Wellette Geologist Lyle Herryman Electrical Surveys VEBORS Dansity / Meutron Mucro
FORMATION TOPS AND STRU	ICTURAL POSITION

	@ 3699' Danisty/Mentron Mr. co								
_	AND STRUC	CTURAL POSIT	ION						
	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION					
•	1233	/233	1-826	N/A					
-	1276	12.76	1-733	NA					
				THE RESIDENCE OF THE PARTY OF T					
-	3024	3023	- 764	43					
	3269	3269	-1210	43					
_	3299	32.78	1229	44					
_	3314	38/4/	·/255	+ 4					
_	3352	3550	1491	4.5					
	3601	35 8 G	-7527	4-20					

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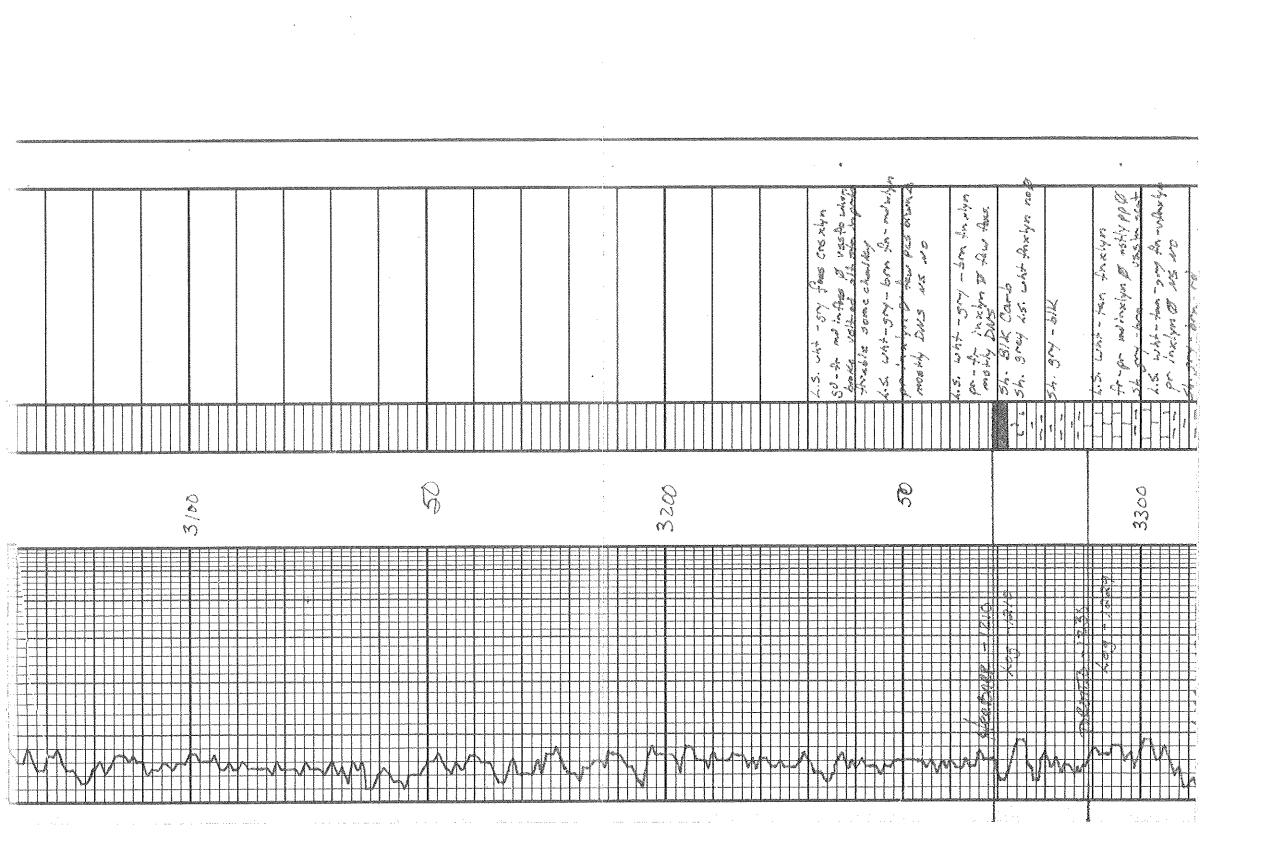
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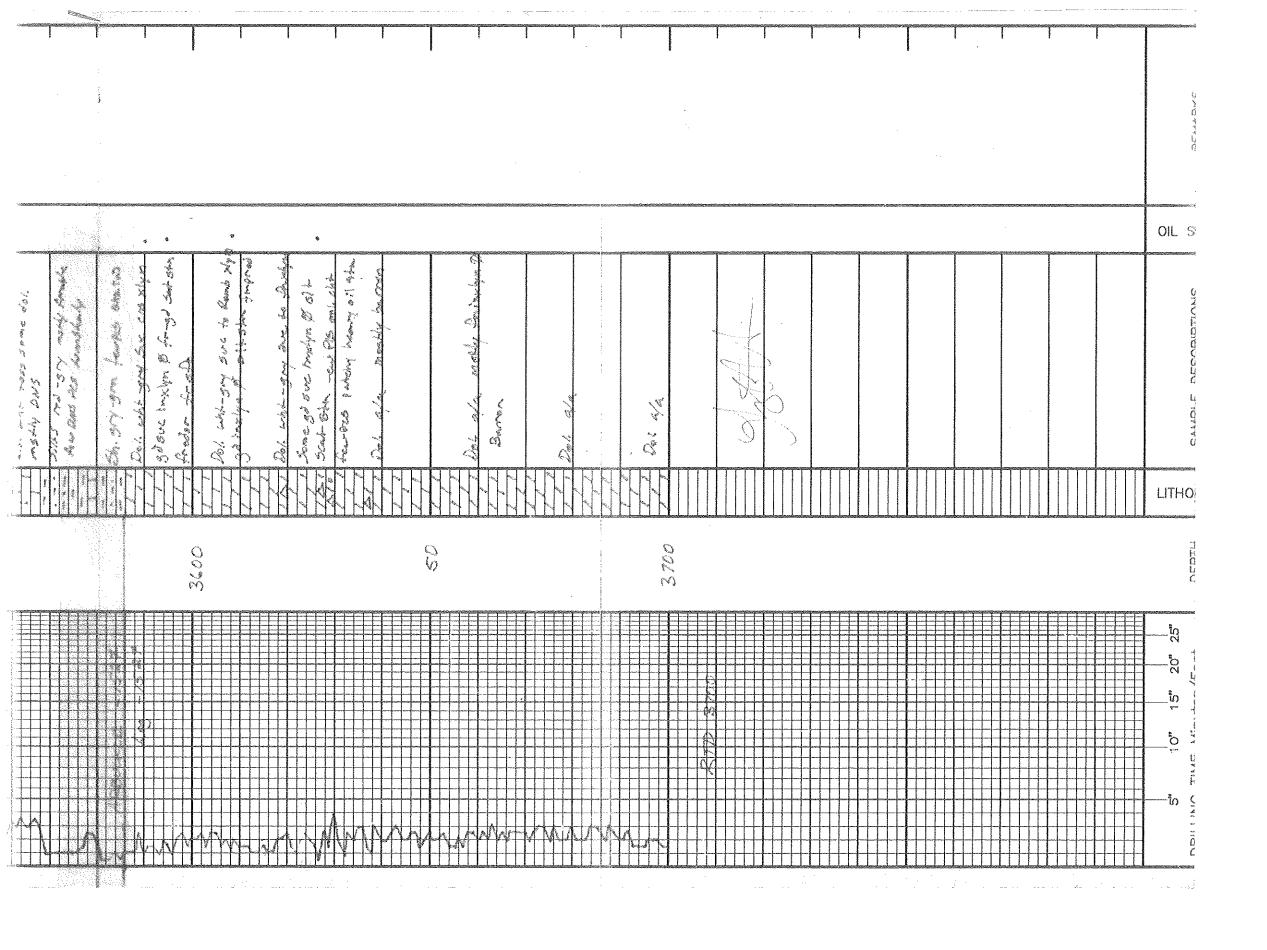
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LEGEND Service State Sol. Lime (SAMPLE DESCRIPTIONS		
Shale	LITHOLOGY		
Sandstone	DEPTH	nappy	0
Anhydrite Salt	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 5" 10" 15" 20" 25"		





LOCATION COOL FW. SEC. 3 TWP 13.5 RTD 3700 COUNTY FINTS	LOCATION / 2000 FW/L SSC FRIG STOP STOP	LOCATION 1000 FML 134 RNG LS RTD 3700 COUNTY FINTS STATE LAWS		
	LOCATION COC FWL 13.20 FFL	LOCATION (000 For) (320 FE) (120 FE) (1		en e
	LOCATION COCO Fall SSC FEL STOC COUNTY FINE STATE	LOCATION CODO Fall SSO FEL SSO		
"	RID_370D SEC3 TWPI3_5 RNG	RTD_3700_ COUNTY_ENTS_ STATE RNG	OPERATOR DAGGERAL VOISEN	1000; mill #
RTD 3700 COUNTY FINES	RTD_3700COUNTY_ENTS	RTD_3700COUNTY_ENTS	***************************************	TWP 3 & RNG
