Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION Yes No

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		
Address 2:	Feet from North / South Line of Section		
City:	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.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84		
Wellsite Geologist:			
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #: Field Name: Producing Formation:		
☐ New Well ☐ Re-Entry ☐ Workover			
☐ Oil ☐ WSW ☐ SWD ☐ SIOW			
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:		
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:		
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet		
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No		
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet		
Operator:	If Alternate II completion, cement circulated from:		
Well Name:	feet depth to:w/sx cmt.		
Original Comp. Date: Original Total Depth:			
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan		
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)		
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls		
Dual Completion Permit #:	Dewatering method used:		
SWD Permit #:	Location of fluid disposal if hauled offsite:		
ENHR Permit #:			
GSW Permit #:	Operator Name:		
	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West		
Recompletion Date Recompletion Date	Countv: 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:					

1303814 CORRECTION #1

Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to	ng and shut-in pressu surface test, along w	ires, whe rith final c	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosto space is neede	atic pressures, ed.	bottom hole temp	erature, fluid recovery,
Final Radioactivity Log, files must be submitted						gs must be em	alled to kcc-we	ii-iogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sh	neets)	Y	es No				ion (Top), Depth		Sample
Samples Sent to Geolo	gical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Y	es No						
List All E. Logs Run:									
		Repo	CASING ort all strings set-c		Ne		tion, etc.		
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD)		
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives			
Perforate Protect Casing Plug Back TD Plug Off Zone									
Plug Oil Zone									
Did you perform a hydraulic Does the volume of the total Was the hydraulic fracturin	al base fluid of the hydra	aulic fractu	uring treatment ex		-	Yes Yes Yes	No (If No	skip questions 2 ar skip question 3) fill out Page Three	,
Shots Per Foot	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				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes	No	
Date of First, Resumed P	roduction, SWD or ENF	łR.	Producing Meth	od:	g \square	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		N	IETHOD OF	COMPI F	TION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease		Open Hole	Perf.	Dually	Comp. Co	ommingled		
(If vented, Subn			Other (Specify)		(Submit)	ACO-5) (Sui	bmit ACO-4)		

Form	ACO1 - Well Completion
Operator	PetroSantander (USA) Inc.
Well Name	NELSON 2-3
Doc ID	1303814

Casing

Purpose Of String		Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	427	LITE/CLA SS C	275	CC 2%
Production	7.875	5.5	14	4905	50/50 POZ		SALT 18% + 0.75% CFR2
Liner	4.875	4.5	12.6	4852	CLASS A	100	NA

PETR	ROSANTANI	DFR (U	ISA) INC	34
WELL NAME:	NELSON 2-3	AFE#:	542	
REPORTED BY:	CARLOS A LOPEZ	OPERATION		
OBJECTIVE:	Convert as Injector	REPORT DA		
RTD:	4910'	CSG. SIZE:	5 1/2 15.5# 4195' TO SURF"4 1/2 CHR LINER 4	1195'-4859'
PBTD:	4852	TBG. SIZE	2 3/8" TK - 70	1100 1000
PERFS:	4745' - 73'	FORMATION		
24 HOUR SUMMARY:				-
03/31/14 MIRU PSI	RIG 2 MOVED BOP. W	ORK STRING	AND DUG A WORKING PIT SDON	
			, 11.5 500 / (10.10 till 10.10 t	
AIAIOOAA INIOTALLE	D DOD MIDLL ONO LIC	NON AND 444 6		
	D BOP MIRU LONG HO			
			TOR AND CABLE TESTED GOOD LOAD EQUIPMENT, TR	
AND DRIVE ON HOT SH	HOT SEND EQUPIMEN	T BACK TO C	ENTRILIFT DUE TO WAS RENTAL TIH WITH TBG AND P	KR SET IT @
4805' MIRU ROBERSON	WIRE LINE SET A BH	P SENSOR @	4833' RDMO ROBERSON WIRE LINE LET IT OVER NIGH	HT SDON
4/2/2014 MIRU ROE	BERSON WIRE LINE PL	ILLED BHP S	ENSOR FOUND 2302.7# AND 129.9 DEG F TOH WITH TB	SC AND DKD
			@ 4605' MIRU ROBERSON WIRE LINE SET A BHP SENSO	
		***************************************	W 4000 MILLO MODERSON WIKE LINE SET A BHP SENSO	JR (W 4/59
RDMO ROBERSON WIF	KE LINE LET IT OVER I	NIGHT SDON		HAMILE AND A STATE OF THE STATE
4/3/2014 MIRU ROE	BERSON WIRE LINE PL	JLLED BHP SI	ENSOR FOUND 1028.8# AND 128.6 DEG F TIH WITH TBC	3,PKR AND
			NITH 20 JTS OF 12.6# CL 656.78' TIH WITH TBG SCREW	
TIH WITH TBG TO 4500	***************************************			
4/4/0044 TULNAUTLLT	EDO TO DOTTON O 40	001111011001	IOOLIDATED AND DEADING FOTABLIGHTED DATE AND TO SEE THE PROPERTY OF THE PROPER	
			NSOLIDATED AND BRADY'S ESTABLISHED RATE MIXED	
			ELD TOH WITH 24 JTS REVERSED OUT WITH 41 BBL TO	
AND 4 1/2" PKR TIH WI	TH TBG AND 5 1/2" PKF	R SET IT @ 40	040' PRESSURE UP TO 500#,1000#,1500# HELD RDMO C	ONSOLIDATED
AND BRADY'S SDON				
4/7/2014 FOUND 15	S# ON TRO PELEASED	DDESSI IDE 1	FOH WITH TBG AND PKR TIH WITH TBG AND 4 7/8" BIT	TAC @ 4066!
			RCULATION STARTED DRILLING DRILL OUT TO TOP OF	- LINER @ 4204'
CIRCULATED CLEAN T	OH WITH TBG AND 4 7	7/8" DRILL BIT	SDON	
4/8/2014 TIH WITH	TBG AND 3 3/4" BIT TA	NG @ 4204' RU	J POWER SWIVEL BROKE CIRCULATION STARTED DRI	ILLING DRILL
			3/4" BIT RDMO CONCORD SDON	
4/9/2014 MIRU PIO	NNER WIRE LINE FOLL	ND TOP OF L	INER @ 4195' PERFORATE @ 4745' - 73' 8SPF RDMO PIO	JUNER WIRE
			V/ 2000GAL 15%HCL AND 48BBLS FLUSH 2%KCL	SIMINEIX WILLE
			FIME - CAN'T PUMP INTO IT	
			LS OF ACID IN THE PERFORATIONS , TOH, W 3 STAND:	
SET PKR AT 4574', CO	NTINUED PRESS UP T	O 2000PSI , S	TARTED TO DROP SLOWLY , FINALLY BROKE AFTER 2	HRS
CONTINUED PUMPING 28BBLS OF 2%KCL WATER , GOT TO 3.5BPM @ 1100PSI - WILL DO THE BALL ACID JOB IN THE MORNING				
SDON				
DAIL A COST STREET TO	V•			
DAILY COST SUMMARY		COST		
PSI RIG 2	SERVICE UNIT	COST		
WEATHERFORD	BOP RENTAL	\$ 30,100.00		
PAUDA'S	LABOR	\$ 1,000.00		
LONG HORN	TECH	\$ 1,500.00 \$ 3,000.00	A THE STATE OF THE	
4-K	SPOOLER	\$ 3,000.00 \$ 3,500.00		
ACME	HOT SHOT	\$ 3,000.00		
ROBERSON	WIRE LINE	\$ 8,000.00		
SAMS	TOOLS/RENTAL/MAN	\$ 5,000.00		
CONSOLIDATED	CEMENT JOB	\$ 4,500.00	DAILY COST:	\$ 70,100.00
BRADY'S	WATER TRUCKS	\$ 1,500.00	PREVIOUS COST:	, , , , , , , , , , , , , , , , , , , ,
PIONNER	WIRE LINE	\$ 9,000.00		70 400 00
E. OTHER	· · · · · · · · · · · · · · · · · · ·	_ U.U.U.UU	OUT TO DATE.	\$ 70,100.00

PETI	ROSANTANE	DER (U	JSA) INC.
WELL NAME:	NELSON 2-3	AFE#:	542
REPORTED BY:	CARLOS A LOPEZ	OPERATION	
OBJECTIVE:	Convert as Injector	REPORT DA	
RTD:	4910'	CSG. SIZE:	5 1/2 15.5# 4195' TO SURF"4 1/2 CHR LYNER 4195'-4859'
PBTD:	4852	TBG. SIZE	2 3/8" TK - 70
PERFS:	4745' - 73'	FORMATIO	N: MORROW
24 HOUR SUMMARY:			
04/10/14 MIRU HE	EAT WAVES WITH 2000	GLS OF 15%	HCL ACID,45 BBL OF 2% KCL AND 250 BALLS STARTED ACID JOB
			ACUME RDMO HEAT WAVES LET IT SET FOR 1 HR STARTED
SWABING FOUND FL			
1 HR 5 RUNS	FL 1800' = 2	20451 54 5	20 00 DDI
			28.99 BBL
2 HR 5 RUNS	FL 2000' = 2	2745' FAP	26.76 BBL
3 HR 5 RUNS	FL 2000' = 2	2745' FAP	24.53 BBL
4 HR 5 RUNS	FL 2000' = 2	2745' FAP	27.87 BBL
5 HR 5 RUNS	FL 2000' = 2	2745' FAP	23.41 BBL WATER WAS CLEAN
131.56 BBL RECOVER	RELEASED PKR TOH V	VITH 100 JTS	S SINGLINIG OUT SDON
101100,22211200121		******	o circulate do l'oboli
4/44/2044 TOLLIANS	FU DECT OF TOO AND D	KD CINCUIN	O OLIT MOVED MODIC OTDING OLIT OF THE CONTROL OF THE
			G OUT MOVED WORK STRING OUT OF THE WAY MOVED 156 JTS OF
TK 70 TIH WITH TBG	AND INJECTION PKR AS	FOLLOWS:	
4 1/2" X 2 3/8" AS 1 NO	PLPKR WITH 2' TAIL P	IPE AND ON-	-OFF TOOL 9.00'
144 JTS 2 3/8" OD EUI	E 8RD TBG TK 70 TBG		4684.50'
TOTAL LENGTH @ KE	3 =		4693'50'
TBG SET 8' BELOW K			4701.50'
		O DDL OF DK	
			(R FLUID CIRCULATED HOLE WITH 105 BBL SET PKR @ 4695'
PRESSURED UP TO 8	500# HELD BLED DOWN	TO 300# RD	MO HEAT WAVES SDON
4/14/2014 RDMO P	SI RIG 2		

NOTE: MIT WILL BE D	ONE 4-16-2014	***************************************	
HOTE. WITT WILL DE D	ONL 4-10-2014		

	HUC THAT A 1 4 1 4 1		

1 () () () () () () ()			
DAILY COST SUMMA	RY:		
VENDOR	SERVICE	COST	
PSI RIG 2	SERVICE UNIT		
HEAT WAVES	ACID/PUMP TRUCK	\$ 7,000.00	
SAM'S	4 1/2" INJ PKR/MAN	\$ 9,000.00	
PAUDA'S	LABOR	\$ 1,500.00	
BRADY'S	VACUME TRUCK	\$ 1,000.00	
HEAT WAVES	PKR FLUID/TRUCK	\$ 2,000.00	
SUNRISE	650' OF CL/4700' TK 70	\$ 35,000.00	
		,	
			DAILY COST: \$ 55,500.00
			PREVIOUS COST: \$ 70,100.00
			COST TO DATE: \$ 125,600,00
		L	ΙΨ 123,000,00

Summary of Changes

Lease Name and Number: NELSON 2-3

API/Permit #: 15-055-20689-00-03

Doc ID: 1303814

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	04/13/2016	04/14/2016
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13 03499	//kcc/detail/operatorE ditDetail.cfm?docID=13 03814

Summary of Attachments

Lease Name and Number: NELSON 2-3

API: 15-055-20689-00-03

Doc ID: 1303814

Correction Number: 1

Attachment Name

NELSON 2-3 DAILY REPORTS - CONVERSION TO CO2 INJECTOR