



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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# PETROSANTANDER (USA) INC.

<b>WELL NAME:</b>	NELSON 2-3	<b>AFE#:</b>	542
<b>REPORTED BY:</b>	CARLOS A LOPEZ	<b>OPERATIONS DATE:</b>	MARCH,31/APRIL,1,2,3,4,7,8,9
<b>OBJECTIVE:</b>	Convert as Injector	<b>REPORT DAY:</b>	1,2,3,4,5,6,7,8
<b>RTD:</b>	4910'	<b>CSG. SIZE:</b>	5 1/2 15.5# 4195' TO SURF"4 1/2 CHR LINER 4195'-4859'
<b>PBD:</b>	4852	<b>TBG. SIZE</b>	2 3/8" TK - 70
<b>PERFS:</b>	4745' - 73'	<b>FORMATION:</b>	MORROW

**24 HOUR SUMMARY:**

03/31/14	MIRU PSI RIG 2 MOVED,BOP, WORK STRING AND DUG A WORKING PIT SDON
4/1/2014	INSTALLED BOP MIRU LONG HORN AND 4K SPOOLER TOH WITH TBG,CABLE AND ESP PUMPS TURN GOOD MOTOR AND CABLE TESTED GOOD LOAD EQUIPMENT,TRANSFORMER AND DRIVE ON HOT SHOT SEND EQUIPMENT BACK TO CENTRILIFT DUE TO WAS RENTAL TIH WITH TBG AND PKR SET IT @ 4805' MIRU ROBERSON WIRE LINE SET A BHP SENSOR @ 4833' RDMO ROBERSON WIRE LINE LET IT OVER NIGHT SDON
4/2/2014	MIRU ROBERSON WIRE LINE PULLED BHP SENSOR FOUND 2302.7# AND 129.9 DEG F TOH WITH TBG AND PKR TIH WITH TBG,PKR AND RBP SET RBP @ 4805' AND PKR @ 4605' MIRU ROBERSON WIRE LINE SET A BHP SENSOR @ 4759' RDMO ROBERSON WIRE LINE LET IT OVER NIGHT SDON
4/3/2014	MIRU ROBERSON WIRE LINE PULLED BHP SENSOR FOUND 1028.8# AND 128.6 DEG F TIH WITH TBG,PKR AND RBP TAGGED @ 4860' TOH WITH TBG,PKR AND RBP TIH WITH 20 JTS OF 12.6# CL 656.78' TIH WITH TBG SCREWED INTO CL TIH WITH TBG TO 4500' SDON
4/4/2014	TIH WITH TBG TO BOTTOM @ 4860' MIRU CONSOLIDATED AND BRADY'S ESTABLISHED RATE MIXED AND PUMPED 100 SKS OF CLASS A CEMENT PRESSURE UP TO 1500# HELD TOH WITH 24 JTS REVERSED OUT WITH 41 BBL TOH WITH TBG AND 4 1/2" PKR TIH WITH TBG AND 5 1/2" PKR SET IT @ 4040' PRESSURE UP TO 500#,1000#,1500# HELD RDMO CONSOLIDATED AND BRADY'S SDON
4/7/2014	FOUND 15# ON TBG RELEASED PRESSURE TOH WITH TBG AND PKR TIH WITH TBG AND 4 7/8" BIT TAG @ 4066' MIRU CONSOLIDATED AND PSI WATER TRUCK BROKE CIRCULATION STARTED DRILLING DRILL OUT TO TOP OF LINER @ 4204' CIRCULATED CLEAN TOH WITH TBG AND 4 7/8" DRILL BIT SDON
4/8/2014	TIH WITH TBG AND 3 3/4" BIT TAG @ 4204' RU POWER SWIVEL BROKE CIRCULATION STARTED DRILLING DRILL OUT TO 4858' CIRCULATED CLEAN TOH WITH TBG AND 3 3/4" BIT RDMO CONCORD SDON
4/9/2014	MIRU PIONNER WIRE LINE FOUND TOP OF LINER @ 4195' PERFORATE @ 4745' - 73' 8SPF RDMO PIONNER WIRE LINE TIH TBG AND PKR SET @ 4606' MIRU HEAT WAVES W/ 2000GAL 15%HCL AND 48BBLs FLUSH 2%KCL LOADED TBG W/ WATER , ORESS UP TO 2000PSI A FEW TIME - CAN'T PUMP INTO IT RELEASED PKR, TIH W/ ANOTHER 5 JTS , SPOTTED 10BBLs OF ACID IN THE PERFORATIONS , TOH, W 3 STANDS SET PKR AT 4574' , CONTINUED PRESS UP TO 2000PSI , STARTED 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

**DAILY COST SUMMARY:**

VENDOR	SERVICE	COST	
PSI RIG 2	SERVICE UNIT	\$ 30,100.00	
WEATHERFORD	BOP RENTAL	\$ 1,000.00	
PAUDA'S	LABOR	\$ 1,500.00	
LONG HORN	TECH	\$ 3,000.00	
4-K	SPOOLER	\$ 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	
BRADY'S	WATER TRUCKS	\$ 1,500.00	
PIONNER	WIRE LINE	\$ 9,000.00	
			<b>DAILY COST:</b>
			\$ 70,100.00
			<b>PREVIOUS COST:</b>
			<b>COST TO DATE:</b>
			\$ 70,100.00

# PETROSANTANDER (USA) INC.

<b>WELL NAME:</b>	NELSON 2-3	<b>AFE#:</b>	542
<b>REPORTED BY:</b>	CARLOS A LOPEZ	<b>OPERATIONS DATE:</b>	APRIL,10,11,14 2014
<b>OBJECTIVE:</b>	Convert as Injector	<b>REPORT DAY:</b>	9,10,11
<b>RTD:</b>	4910'	<b>CSG. SIZE:</b>	5 1/2 15.5# 4195' TO SURF"4 1/2 CHR LYNER 4195'-4859'
<b>PBTD:</b>	4852	<b>TBG. SIZE</b>	2 3/8" TK - 70
<b>PERFS:</b>	4745' - 73'	<b>FORMATION:</b>	MORROW

**24 HOUR SUMMARY:**

04/10/14 MIRU HEAT WAVES WITH 2000 GLS OF 15% HCL ACID,45 BBL OF 2% KCL AND 250 BALLS STARTED ACID JOB RATE 5 BPM @ 1450# ISIP 900#,5 MIN 230# AND 10 MIN VACUME RDMO HEAT WAVES LET IT SET FOR 1 HR STARTED SWABING FOUND FL @

1 HR	5 RUNS	FL 1800' = 2945' FAP	28.99 BBL	
2 HR	5 RUNS	FL 2000' = 2745' FAP	26.76 BBL	
3 HR	5 RUNS	FL 2000' = 2745' FAP	24.53 BBL	
4 HR	5 RUNS	FL 2000' = 2745' FAP	27.87 BBL	
5 HR	5 RUNS	FL 2000' = 2745' FAP	23.41 BBL	WATER WAS CLEAN

131.56 BBL RECOVER RELEASED PKR TOH WITH 100 JTS SINGLING OUT SDON

4/11/2014 TOH WITH REST OF TBG AND PKR SINGLING 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 NC,PL PKR WITH 2' TAIL PIPE AND ON-OFF TOOL	9.00'
144 JTS 2 3/8" OD EUE 8RD TBG TK 70 TBG	4684.50'
TOTAL LENGTH @ KB =	4693'50'
TBG SET 8' BELOW KB =	4701.50'

REMOVED BOP MIRU HEAT WAVES WITH 130 BBL OF PKR FLUID CIRCULATED HOLE WITH 105 BBL SET PKR @ 4695' PRESSURED UP TO 500# HELD BLEED DOWN TO 300# RDMO HEAT WAVES SDON

4/14/2014 RDMO PSI RIG 2

NOTE: MIT WILL BE DONE 4-16-2014

**DAILY COST SUMMARY:**

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	
			<b>DAILY COST:</b>
			\$ 55,500.00
			<b>PREVIOUS COST:</b>
			\$ 70,100.00
			<b>COST TO DATE:</b>
			\$ 125,600.00

## 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	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1303499">../..kcc/detail/operatorEditDetail.cfm?docID=1303499</a>	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1303814">../..kcc/detail/operatorEditDetail.cfm?docID=1303814</a>

## 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