

Kansas Corporation Commission Oil & Gas Conservation Division

1058498

Form ACO-1
June 2009
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: 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 #	County:				
Name:	Lease Name: Well #:				
Wellsite Geologist:	Field Name:				
Purchaser:	Producing Formation:				
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:				
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:				
☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	·				
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:				
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	Quarter Sec TwpS. R				
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date					

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Daider Bloss	- O-1/T	Asid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit)	4CO-5) (Sub	mit ACO-4)		_

Form	ACO1 - Well Completion
Operator	Noble Petroleum, Inc.
Well Name	KLAASSEN 10
Doc ID	1058498

Tops

Name	Тор	Datum
latan	1744	-359
Lansing	1840	-455
Kansas City	2130	-745
Base Kansas City	2285	-900
Marmaton	2356	-971
Cherokee	2494	-1109
Mississippian	2252	-1167
LTD	2656	-1271



TICKET NUMBER LOCATION # 180 ElDorado FOREMAN Jacob

20 Boy 884 Chr	anute, KS 66720	FIELD TICKET					
320-431-9210 or	800-467-8676		CEMEN	T			
DATE	CUSTOMER#	WELL NAME & NUMB	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6-8-11	5631	Klaassen #	10	27	24	4	Butter
CUSTOMER	petroleu		Safty	TRUCK#	DRIVER	TRUCK#	DRIVER
Noble MAILING ADDRESS		۲۳۱	Marking	446	Jeff	TROCK#	DRIVER
3101 N		1 Suite 125	0.5	502	Jerib		
CITY	IST	TATE ZIP CODE	26.	511	Jacob		
wichite	~, k	cs 67226	0.0.	434	Elaxion		
OB TYPE SUA		DLE SIZE 12/4	J _HOLE DEPTH		CASING SIZE & V	VEIGHT 8-5/8	
ASING DEPTH_		RILL PIPE N/A	TUBING_N			OTHER	
SLURRY WEIGHT		URRY VOL	WATER gal/s		CEMENT LEFT in	CASING	
DISPLACEMENT_					RATE 460m	A FEMERAL TANGGRAPHA	
REMARKS: 2500	^				-	culation.	rouldent
Mixed	12 CKEC	7					7
		1 ass 4 11/1/	2PI 27%	14 19	DOLV - Flak	e displac	ed 8 661
	Cetus			Control of the contro		to yoff	mixed
with no		wait 11/eht fo	cener	at josot	1 0/	1	
				at josot		1	
with no		wait 11/eht fo	cener	at josot		1	
with no		wait 11/eht fo	cener	at josot		1	
with no		wait 11/eht fo	cener	at josot		1	
with no		wait 11/eht fo	cener	at josot		1	
with no		wait 11/eht fo	cener	at josot		1	
ACCOUNT		gel 3/cc 1/4/16	poly Fl	at josot	Run lin	1	
ACCOUNT CODE	class A 2 X	gel 3/cc 1/4/b	Poly FI	at to sot	Run lin	to Wolf	to Stanfau
ACCOUNT CODE	QUANITY or	units DE	Poly FI	at to sot	Run lin	unit price	TOTAL
ACCOUNT CODE	class A 2 X	UNITS DE PUMP CHARGE	poly Fl	of to sot	Run lin	UNIT PRICE	TOTAL 775.00 N/C
ACCOUNT CODE	QUANITY or	UNITS DE PUMP CHARGE	Poly FI	at to sot	Run lin	unit price	TOTAL
ACCOUNT CODE SHOLS SHOLS SHOLS	QUANITY or	units DE PUMP CHARG MILEAGE MIN D	poly Fl	of to sot lake to a	Run lin	UNIT PRICE 775.00 4.00 330.00	TOTAL 775,00 N/C 230,00
ACCOUNT CODE SHOLS SHOLS SHOLS SHOLS	QUANITY or	units DE PUMP CHARG MILEAGE MIC Class	poly FI	at to sot lake to a	Run lin	Unit price 775.00 4.00 330.00	TOTAL 775,00 N/C 2493,75
ACCOUNT CODE SHOLS SHOLS SHOLS IIOHS IIOHS	QUANITY or	UNITS DE PUMP CHARG MILEAGE MIN D SES Class Calcium	poly Fl	at to sot lake to a	Run lin	UNIT PRICE 775.00 4.00 330.00	TOTAL 775,00 N/C 230,00 2493,75 294,00
ACCOUNT CODE SHOLS SHOLS SHOLS SHOLS	QUANITY or	units DE PUMP CHARG MILEAGE MIC Class	SCRIPTION O	at to sot lake to a	Run lin	Unit price 775.00 4.00 330.00	TOTAL 775,00 N/C 2493,75

640,00 320.00 Basket 4106 90.00 270.00 3hr 55026 vac truck 4983.45 SALES TAX **ESTIMATED** 241980 Ravin 3737 TOTAL Catton DATE_ AUTHORIZTION

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form





LOCATION EUREL 30377

LOCATION EURELA MCLOY

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6-12-2011	5631	KlAA	SSEN # 1	0	27	24	4	Butlen
CUSTOMER	_							为C2000000000000000000000000000000000000
Nolbe	Petroleum	INC.	- 1		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS				445	John 5		
3101	N Rock	RD STE	125		479	ED STRAK	IN	
CITY			ZIP CODE		437	Jim MEAD		
wichit A		Ks	67226					
JOB TYPE Lo	printepu	HOLE SIZE 7	1/2	HOLE DEPTH	2655	CASING SIZE & W	EIGHT 5 /	2/4#
CASING DEPTH	2651	DRILL PIPE		TUBING			OTHER	
						CEMENT LEFT in	CASING / 15)
DISPLACEMENT	65 85	DISPLACEMENT	700	MIX-PSI B.	mp Plug 120	RATE		
						intion w	5 861 W	ntrn.
Tump 15	Bbl Meta	silicate 4	Ac Flush	5 861 ws	ater spacer	2 mix 125	ski Th	ickset
coment w	15 Kols	ent fer/sic	14 % CF	L-115 44	% CAF-38	@ 13.6 d/9	141 w/ yich	0 1.75
Short Don	in, wash	OUT FUMI	of hine	s Rolens	e 5/2 ha	ten Down	φ1 υq. 3	Dispince
w/ 65 85	1 Fresh h	inter Fin	IAL POMP	PSJ 7	00# Bump	Plug To 1	200# Chec	K FLOAT
FIGAT HE	1D. GOOD	circulatio	u During	cemen	ing Proces	LRE. JUB	complete.	TERT DOW
3. 5 0								

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	975.00	975.00
5406	25	MILEAGE	4.00	100.00
1126 A	125 SKS	Thickset coment	1830	2,287.5
1110 A	625*	Kolsenl 5 # Per/sic	. 44	275.00
1135 A	30 ^{ad}	CFL-115 = 14 %	9.95	298.5
1146	30#	CAF- 38 = 44 %	8.10	243.0
III A	/00 [#]	met Asiliente Pre Flush	1. 9 D	190.00
5407	6.5 Ton's	TON MITTINGE BUIK Truck	m/c	330.00
5502C	5 hrs	80 Bbl NAG Truck	90.00	450.0
1123	3,000	a pllon's city water	15.6%	46.8
4454		51/2 Laten Down Plug	254.00	254.00
4159		5 12 AFU INSERT FLONT SHOE	344.00	344.01
4130	3	51/2 x 77/8 centralizeis	48.00	144.0
		Sub-	TOTAL	5,9378
			SALES TAX	861,43
in 3737	2 101	241933	ESTIMATED TOTAL	620525

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Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

June 29, 2011

Jay Ablah Noble Petroleum, Inc. 3101 N ROCK RD STE 125 WICHITA, KS 67226-1300

Re: ACO1 API 15-015-23897-00-00 KLAASSEN 10 NE/4 Sec.27-24S-04E Butler County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Jay Ablah



GERALD D. HONAS

PETROLEUM GEOLOGIST

212 N. Market - Suite 270 Wichita, Kansas 67202 - 2021

Bus: (316) 263-2093 Res: (316) 722-7963

June 11, 2011

Geological Report

At the operator's request, only an abbreviated summary of a geological report was prepared on the Klaassen No 10.

Noble Petroleum, Inc. Klaassen No. 10 3922' FSL & 1659' FEL Section 27-T24S-R4E Butler County, Kansas API #15-015-23,897

Contractor:

C&G Drilling Company

Spud Date:

June 6, 2011 June 12, 2011

Completed:

1379 GL and 1385 KB

Elevation: Surface Casing:

8 5/8" at 213' with 125 sacks & 1" 35 sack on back side.

Production Casing: 5 ½" at 2651' with 125 sacks of cement.

This hole was drilled to a total depth of 2654 feet. At this point a suite of Superior open hole logs were run.

Log Tops:

208 x opo.					
Iatan	1744	-359	Marmaton	2356	-971
Lansing	1840	-455	Cherokee Shale	2494	-1109
Kansas City	2130	-745	Mississippian	2552	-1167
Base Kansas City	2285	-900	LTD	2656	-1271

Geological supervision on this test was limited to 2483 to 2654, 10 dry samples were saved from 1600 to RTD and were deposited at the Kansas Geological Survey.

Mississippian sample description:

2552 to 2557 Chert white to cream, 90% of sample weathered with fair to very good weathered, tripolitic and solution vug porosity. Fair show of very light amber free oil, light even saturation, good fluorescence in 40% of sample, good odor.

2557 to 2764 Chert as above, but strong increase in fresh gray semi-translucent chert, 55% weathered with fair tripolitic and vuggy porosity, 45% fresh gray chert with no visible porosity & no shows, 30% of sample with fluorescence and show of oil. Chert become increasingly dark gray and fresh toward base of this interval. Sample carries good odor but poor reservoir rock with depth.

2764 to 2778 Chert 80% fresh, gray and sharp. Color becomes mottled light and dark gray with depth. Chert 20% white weathered with fair tripolitic porosity, odor decreases from above, 8% with patchy fluorescence & very light spotty stain, slight show free oil.

2778 to 2791 Chert 70% fresh, cream to gray mottled. Slight increase in white Chert 30% weathered with poor to fair tripolitic porosity, 25% of sample with fair even to patchy fluorescence. Fair odor and show of oil. Overall, moderate increase in porosity, shows, fluorescence and odor from above.

2791 to 2601 Chert mostly white, 75% fresh with no visible porosity and no shows. Chert, 25% weathered with poor to scattered fair tripolitic porosity, 15% of sample carries fair patchy fluorescence, odor decreasing to poor, slight show of free oil.

2601 to 2605 Chert 40% white, cream, gray & abundant clear frosted translucent with no visible porosity and no shows. Chert 60% white and weathered with poor to some fair tripolitic porosity. Shows strongly decrease to 5-8% of sample with poor spotty fluorescence and poor to fair odor. Still traces of free oil in pieces with fluorescence.

2605 to 2615 Chert 80% white, cream and gray. Fresh with no visible porosity and no shows. Chert 20% white, weathered with mostly poor tripolitic porosity, still poor to fair odor, 5% with patchy fluorescence, slight show of inactive. Shows decreasing with depth.

2615 to 2630 Chert 85% gray and some white, fresh with no porosity and no shows. Chert 15% partly weathered with very poor tripolitic porosity, 2% with spotty fluorescence, no show oil, no odor.

2630 to 2636 (last sample caught 2635 to 2640) Chert 80% white, very clean, fresh, no visible porosity, no shows. Chert 20% weathered with poor porosity, no fluorescence, no shows, no odor. Note this last sample contained on lime or shale.

No cores or drill stem tests were run. Superior well service ran open hole logs on this hole. Based on the good samples shows, structural position and positive log calculations, it was recommended that $5 \frac{1}{2}$ " production casing be set. It is my recommendation that the interval from 2553 to 2557 be perforated and treated.

Respectfully submitted,

Jerry/Honas Geologist



GERALD D. HONAS

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