KOLAR Document ID: 1452984

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:				
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 #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
□ Oil □ WSW □ SWD	Producing Formation:				
Gas DH EOR	Elevation: Ground: Kelly Bushing:				
☐ OG ☐ GSW	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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
Committed at Provider	Chloride content: ppm Fluid volume: bbls				
☐ Commingled Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	Location of fluid disposal if fladied offsite.				
GSW Permit #:	Operator Name:				
<u> </u>	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West				
Recompletion Date Recompletion Date	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 Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II Approved by: Date:							

KOLAR Document ID: 1452984

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u	2 Type and Fercent Additives			
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type Bridge Plug Set At			Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)			
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion					
Operator	R. P. Nixon Operations, Inc					
Well Name	HENRY 4					
Doc ID	1452984					

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	J 7 1	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	264	80/20 Poz	180	2%Gel&3 %CC
Production	7.875	5.5	15.5	3732	Common	100	10% Salt

QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Cell 785-324-1041

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665

No. 1229

	Sec.	Twp.	Range	(County	State	On Location	Finish	
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GLOBAL OIL FIELD SERVICES, LLC0013359

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SIGNATURE	W by how	12	TOTAL CHARG	ES	war in got in a c	, a di tenti			

DISCOUNT_

IF PAID IN 30 DAYS

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

Cell 785-324-1041

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665

No. 1228

	Sec.	Twp.	Range	(County	State	On Location	Finish	
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Corrected Copy with tops



GAMMA-RAY NEUTRON CCL LOG

R.P. NIXON OPERATIONS, INC. HENRY No.4 NORTON		Co We Fie	ell		P. NIXON		ERAT	IONS, INC	C.	
ERA		Co	unty	NO	ORTON			State	KANSA	s
Q 4:		Loc	eation:			API	#:	*		Other Services
R.P. NIXON OHENRY NO.4	KANSAS			SEC	35 TWF	3s	RGE	24m		
Company Well Field		Perm	nanent Dat					Elevation	2405	Elevation
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Depth Driller				3740						
Depth Logger				3748						
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Type Fluid				WATER						
Density / Visco		76.5								
Max. Recorded										
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Production Stri	ng		5 1/2		15.	5#		00		3736
Liner										
										<u>'</u>

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 346-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Dwight D. Keen, Chair Shari Feist Albrecht, Commissioner Susan K. Duffy, Commissioner

July 26, 2019

Sean Nixon R. P. Nixon Operations, Inc 207 W 12TH HAYS, KS 67601-3810

Re: ACO-1 API 15-137-20750-00-00 HENRY 4 NW/4 Sec.35-03S-24W Norton County, Kansas

Dear Sean Nixon:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 2/16/2019 and the ACO-1 was received on July 26, 2019 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

GEOLOGICAL REPORT

Dan A. Nixon, Petroleum Geologist - Licensed & Certified

Well Name:

#4 Henry

Location:

Approx. SW SE SW NW

2330' FNL, 985' FWL Section 35, T3S-R24W Norton County, Kansas

Operator:

R.P. Nixon Oper., Inc.

207 West 12th Street Hays, KS 67601-3898

Contractor:

Discovery Drilling, Inc.

1029 Reservation Road Hays, Kansas 67601

Elevation:

Central Kansas Surveying and Mapping

2344 Washington

Great Bend, Kansas 67530 Rotary Bushing: 2413' Ground Level: 2405'

Samples:

Ten foot samples from 3100'

to 3400' and five foot samples

from 3400' to 3650'.

Time Log:

One foot intervals from 3100'

to 3650' RTD. A copy of the time log is available upon request.

Surface Casing:

8 5/8" @ 263' w/180 sacks, 80/20 cement, 3%

CaCl, 2% gel

Production Casing:

5-1/2" @ 3732' w/100 sacks cement

Port Collar or DV Tool:

Cemented @ 2025' with 345 sacks

Spud Date:

2/17/19

Completion Date:

2/22/19

API#

15-137-20750-00-00

FORMATION TOPS	s:	Sample Depth	MINUS DATUM
Anhydrite (driller' Anhydrite Base (d Heebner Shale Toronto Lime Lansing Base of the Kansa Arbuckle Reagan Sand Total Depth	driller's)	1983' 2014' 3429' 3456 3472' 3655' 3729' 3733' 3740'	+430 +399 -1016 -1043 -1059 -1242 -1316 -1320 -1327
SAMPLE ANALYS	IS OF ZONES OF I	NTEREST:	
Lansing	3504'-10'	Tight, fine crystalline, white limestone, tr stain. Trace of dead oil staining. Trace o vuggy porosity with no show of free oil of samples. Not worthy of testing.	f very slight, poor
	3585'-89'	White, fine crystalline, tight limestone with porosity and trace of rare spotty stain. Poor in part. No show of free oil or odor in the worthy of testing.	r pinpoint porosity
Arbuckle	3729'-33''	Upper few feet contained fine crystalli dolomite, saturated stain in part, with porporosity. These samples had a show of odor. There were occasional medium barren tight dolomite samples, with inclusions. There was only a slight shot faint odor in these samples. Test this interval. Note: The #1 Henry producer, to the east locations (R.P. Nixon Oper., Inc.), had a videscription in this same upper interval. produces just over 8 BOPD from the Arbu was completed in 1957 (62 years).	or inter-crystalline free oil and good crystalline, grey, green glauconite ow of free oil and wal. st approximately 2 ery similar sample This well still
Reagan Sand	3733'-40'	Fine grained, well-sorted, frosty, rounder spotty and occasional saturated staining, we oil and good odor. Poor inter-granular pore and glauconite inclusions. Test this zone.	with a show of free

REMARKS:

Structurally, the Lansing top on the #4 Henry ran flat with the #2 Henry (R.P. Nixon Oper., Inc.), the well in which casing was set and is located about 2 locations east and 1 location south of location. The \$4 Henry also ran 6' low to the #1 Henry (R.P. Nixon Oper., Inc.), our Arbuckle producer about 2 locations to the east of location.

The Arbuckle top on the #4 Henry ran 1' low to the same #2 Henry and 7' low to the same #1 Henry.

Based on its structural position to surrounding wells, in addition to the favorable show in the Arbuckle (and Reagan Sand) samples, 5-1/2" casing was cemented at 3732' with 100 sacks of cement for further testing.

Respectfully Submitted,

Dan A. Nixon, Petroleum Geologist

Kansas License #179

AAPG Certification #3179