

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC

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Form ACO-1
September 1999
Form Must Be Typed

OCT 15 2002

KCC WICHITA

gml

Operator: License # 5050

Name: Hudson Corporation SEP 20 2002

Address: 950 N. Tyler

City/State/Zip: Wichita, Kansas 67212

Purchaser: _____

Operator Contact Person: Wendy Wilson

Phone: (316) 773-2300

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☒ Workover

☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.

☒ Gas ☐ ENHR ☐ SIGW

☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

Workover/Re-entry: Old Well Info as follows:

Operator: TXO Production Corporation

Well Name: Beeley A-1

Original Comp. Date: 04-15-89 Original Total Depth: 5891'

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr/SWD

☐ Plug Back ☐ Plug Back Total Depth

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

☐ Other (SWD or Enhr.?) ☐ Docket No. _____

08-27-02 08-28-02 9-26-02

Spud Date or ☐ Completion Date Date Reached TD Completion Date or ☐ Recompletion Date

API No. 15 - 033-20748-00-01

County: Comanche County, Kansas

C-SW NW Sec. 23 Twp. 32 S. R. 18 ☐ East ☒ West

2310 feet from S / N (circle one) Line of Section

330 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Rick "OWNO" Well #: 1-23

Field Name: Nescatunga

Producing Formation: _____

Elevation: Ground: 2094' Kelly Bushing: 2107'

Total Depth: 5497' Plug Back Total Depth: _____

Amount of Surface Pipe existing ~~Set into formation~~ at 549 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sk cmt.

Drilling Fluid Management Plan NE 1 Sec 10-16-02
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Wendy Wilson

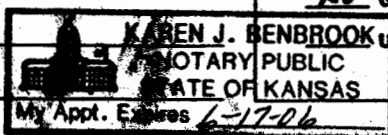
Position: Prod. Mngt. Date: 10/11/02

Subscribed and sworn to before me this 11th day of OCTOBER

2002

Notary Public: Karen J. Benbrook

Notary Commission Expires: 6-17-06



KCC Office Use ONLY

☒ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: Release

☒ Wireline Log Received

☒ Geologist Report Received

NOV 04 2003

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ORIGINAL

ORIGINAL

Operator Name: Huron Corporation Lease Name: Rick "OWO" Well Name:
Sec. 23 Twp. 32 S. R. 18 ☐ East ☒ West County: Comanche County, Kansas

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☒ No	☐ Log Formation (Top), Depth and Datum Name <u>Mississippian</u> Top <u>5245' - 5253'</u> Datum <u> </u>	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No		
Cores Taken	☐ Yes ☒ No		
Electric Log Run (Submit Copy)	☐ Yes ☐ No		
List All E. Logs Run: <u>Sonic Cement Bond Log</u>			

CASING RECORD ☐ New ☐ 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
<u>existing Surface</u>		<u>8-5/8"</u>		<u>549'</u>			
<u>Production</u>	<u>7-7/8"</u>	<u>5-1/2"</u>	<u>15.5#</u>	<u>5500'</u>	<u>Class H</u>	<u>330</u>	<u>10% sup, 10% salt, 8% RL</u>
							<u>160</u>

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
<u>4</u>	<u>Mississippian 5245' - 5253'</u>		
	<u>CHP @ 5110'</u>		

CEMENTING RECORD	Size <u>2 3/8"</u>	Set At <u>4600'</u>	Packer At <u>5110'</u>	Liner Run ☐ Yes ☒ No
Time of First, Resumed Production, SWD or Enhr.	Producing Method			
<u>10/04/02</u>	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>46</u>	Gas Mcf <u>112</u>	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☒ Vented ☐ Sold ☐ Used on Lease	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled	
(If vented, Submit ACO-18.)	☐ Other (Specify)	

UPDATED 10/4/02

ORIGINAL

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Rick #1 OWWO
Sec 23-32S-18W
Comanche Co., KS

- 8-29 Depth: 5030', circ mud, wash down to 5500'. Per Arden: going to log this afternoon, TD @ 5497'. Set pipe and finished up. TD @ 5497', log stopped, hit a bridge - no log. 141 jts 5 1/2" 15.5# @ 5500', total pipe tally 5503'. 330 sx Class H cement, 10% gyp, 10% salt, 6# Kalseal per sack, .8% FL-160. Plugged down @ 2:20 p.m. 15 sx in rat hole Class H, 10 sx in mouse hole Class H. Set slips @ 3:00 p.m., Rig released @ 5:00 p.m.
- 9-20 MIRU Leiker tools. Swab down 4600' w/ 5 1/2" csg. Perf'd Mississippian 5245' - 5253', 4 SPF. Running 2 3/8" tbg, Model R packer. Hang packer below perf. Swab rest of fluid out of hole. Packer not set below zone. Checking for natural show. Will raise and set packer with 500g MCA later today. Acidized w/ 500g MCA. Pressured up to 1600#, broke down to 200# and treated at a rate of 2 bpm. On vacuum in 3 minutes. Swab back load, had show of gas to surface. Had show of oil. SDOW. No tbg psi. Recovered 1350' of load water w/ good show of oil.
- 9-23 Re-acidized w/ 2500g 15% IRA acid and 164,000 scf of N2; treated at 2500#, 6 bpm. Instant shut in. 2200#, let set 30 minutes, 1350# TP, started flowing back treatment. Flowed and swabbed back 50 bbls of fluid oil and gas increasing. SION.
- 9-24 TP 150#, CP small blow. 1500' fluid in tbg, 75' oil on top. TOH w/ tbg & packer. Swab down of 6 bbl, recovered load. Set CIBP @ 5110'. Perf 4 SPF @ 5027 1/2 - 5032 1/2. TIH w/ packer & tbg. Hydro testing tbg on way in. 3 collar leaks. RU Cudd. Spot acid. Set packer @ 4981', T.P. @ 5013'. Stage up to 1420# formation broke. Treat @ 2 bpm @ 850#. ISIP 810#, 5" 290, 10" 175, 15" 100#. RU swab, treatment: 500g 15% MCA w/ 15% Meth. Load 34 bbls, show gas blow after pull. Show condensate total back 36 bbls - FL Scattered, SDFN 8:00 p.m.
- 9-25 TP 300# FL 1620 from surface. 200' light oil on top. Rec. 14.73 bbls on swab down. 1st hour 8.74 bbls, 2nd hr 6.67 bbls. Gas blow appears to be getting stronger. Total swab 30.14 for the day. RU Cudd. Re-treat w/ 2500g 15% MFE. Aug pressure 800#, Aug rate 2.5 bbl p/m. ISIP 740# 5" - 490#, 10" - 375#, 15" - 280#, 20" - 220#, 25" - 180#, 30" - 120#. SI. RU, swab started @ 11:30 a.m. Load - 91.2bbls. Quit swabbing @ 4:30pm. Swab total 100 bbls, 8 over load. Last hour swab 11 1/2 bbls, 30% oil, and strong blow of gas after every pull.
- 9-26 425# TP, Blew off pressure on tbg, started flowing oil. Flowed for 45 minutes, finally died to lower tbg; 2 jts, preparing to run rods and put on pump. 420 TP. Blow down kick off flowing, let die. Change out well head. Released packer, lower 2 jts. Now have 160 jts to packer and 1 jt Tail pipe. TP @ 5073.29, packer @ 5041.85. RU Run 12' gas anchor, 2" x 11/2" x 14' RWB pump. 5' plunger, Precision bbls. 199 new 3/4 rods, 1-6' pony, 1 1/2" x 16' PR, 8' liner. Load tbg. RDMO. Wait on hook up.
- 9-27 CP 60#
- 10-4 46 bbls oil in 24 hrs venting 112 thousand in gas, laying gas line today.

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OCT 15 2002

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SEP 20 2002

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Release

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