

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 6111Name: N-B Company, Inc.Address P. O. Box 506City/State/Zip Russell, KS 67665-0506

Purchaser: _____

Operator Contact Person: Kyle B. BranumPhone (913) -483-5345Contractor: Name: Emphasis Oil OperationsLicense: 8241Wellsite Geologist: Ron Nelson

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply, etc.)

If OMWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

2/9/90 2/15/90 2/15/90
Spud Date Date Reached TD Completion Date

API NO. 15- 179-20,955-00-00County Sheridan

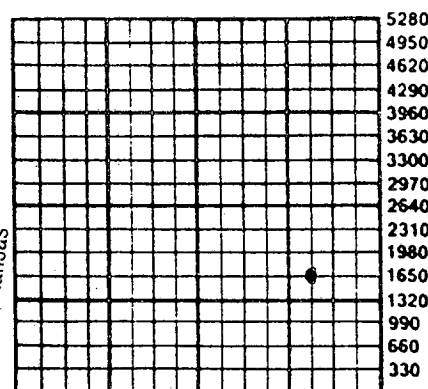
SW NE SE Sec. 1 Twp. 9S Rge. 27 ☒ East
☒ West

1650 Ft. North from Southeast Corner of Section990 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Popp Well # 1Field Name George NW Soda Popp

Producing Formation _____

Elevation: Ground 2634' KB 2639Total Depth 4020' PBTD _____Amount of Surface Pipe Set and Cemented at 247 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

Signature Kyle B. BranumTitle President Date 2-19-90Subscribed and sworn to before me this 19th day of February, 19 90.Notary Public Glenda R. Tiffin

Glenda R. Tiffin

February 6, 1992

Date Commission Expires

GLEND A. R. TIFFIN

NOTARY PUBLIC

STATE OF KANSAS

MY APPT. EXPIRES 2-6-92

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
D ☒ Drillers Timelog Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name N-B Company, Inc. Lease Name Popp Well # 1²
 Sec. 1 Twp. 9S Rge. 27W ☐ East ☐ West
 County Sheridan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="center" colspan="3">Formation Description</th> </tr> <tr> <td></td> <td align="center"><input type="checkbox"/> Log</td> <td align="center"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <th align="left">Name</th> <th align="center">Top</th> <th align="center">Bottom</th> </tr> <tr> <td>Top Anhydrite</td> <td align="center">2241'</td> <td></td> </tr> <tr> <td>Base Anhydrite</td> <td align="center">2276'</td> <td></td> </tr> <tr> <td>Howard</td> <td align="center">3515'</td> <td></td> </tr> <tr> <td>Topeka</td> <td align="center">3536'</td> <td></td> </tr> <tr> <td>Heebner</td> <td align="center">3747'</td> <td></td> </tr> <tr> <td>Toronto</td> <td align="center">3767'</td> <td></td> </tr> <tr> <td>Lansing-KC</td> <td align="center">3787'</td> <td></td> </tr> <tr> <td>Base-KC</td> <td align="center">4009'</td> <td></td> </tr> <tr> <td>R.T.D.</td> <td align="center">4020'</td> <td></td> </tr> </table>	Formation Description				<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample	Name	Top	Bottom	Top Anhydrite	2241'		Base Anhydrite	2276'		Howard	3515'		Topeka	3536'		Heebner	3747'		Toronto	3767'		Lansing-KC	3787'		Base-KC	4009'		R.T.D.	4020'	
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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
Surface	12 1/4"	8-5/8"	20#	247'	60/40 Poz.	185	3% cc, 2% gel
PERFORATION RECORD Shots Per Foot 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 At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
							Gravity

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____ _____
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15-179-20955-00-00

EMPHASIS OIL OPERATIONS

P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: N-B Company, Inc.
P. O. Box 506
Russell, Kansas 67665-0506

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Popp

WELL #1

LOCATION: SW NE SE
Section 1-9S-27W
Sheridan County, Kansas

ROTARY TOTAL DEPTH: 4020'

ELEVATION: 2639' K.B.

COMMENCED: 2/9/90

COMPLETED: 2/15/90

CASING: 8-5/8" @ 247' w/185 sks cement

STATUS: Dry Hole

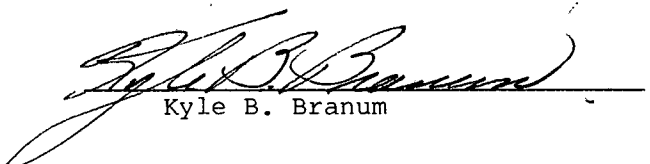
DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	60'	Topeka	3536'
Dakota Sand	1299'	Heebner	3747'
Red Bed	1330'	Toronto	3767'
Cedar Hills	1850'	Lansing-Kansas City	3787'
Red Bed	2020'	Base-Kansas City	4009'
Anhydrite	2251'	R.T.D.	4020'

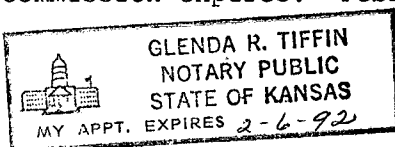
STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

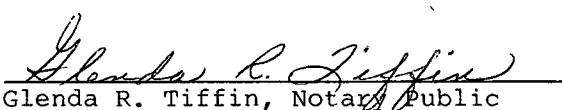
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


Kyle B. Branum

Subscribed and sworn to before me on February 16, 1990.

My commission expires: February 6, 1992.




Glenda R. Tiffin, Notary Public

RECEIVED
02-21-1990
FEB 21 1990
STATE OF KANSAS
CONSERVATION DIVISION
Wichita, Kansas