

SIDE ONE

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

Operator: License # 6902
Name Albert W. Borell
Address Box 158
City/State/Zip Wilson, Kansas 67490

Purchaser NCRA
McPHERSON, KS

Operator Contact Person Albert W. Borell
Phone 913-658-2594

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Richard Schmidt
Phone

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If **OWO**: old well Info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

1/5/88 1/14/88 2-9-88
Spud Date Date Reached TD Completion Date
3,400'

Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 488.32 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to feet w/ SX cmt
Cement Company Name

167-22,804
API NO. 15-
County Russell
NW/4 SE/4 NW/4 32 15S 11W East
Sec. Twp. Rge. X West

3630 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Borell "C" Well # 4

Field Name DAVIDSON

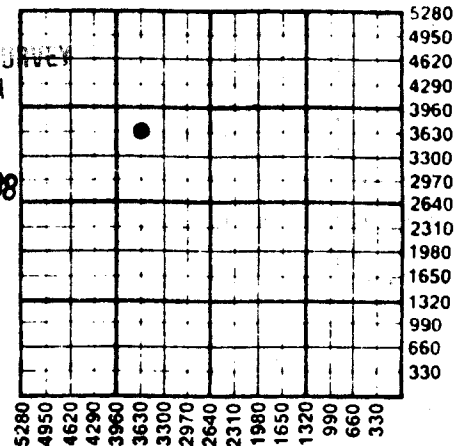
Producing Formation ARBUCKLE

Elevation: Ground 1858' KB 1863'

Section Plat

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

FEB 25 1988



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #

Groundwater 1300 Ft North from Southeast Corner
(Well) 3500 Ft West from Southeast Corner of
Sec 35 Twp 15S Rge 12 East X West

☒ Surface Water 1300 Ft North from Southeast Corner
(Stream, pond etc.) 3500 Ft West from Southeast Corner
Sec 35 Twp 15S Rge 12 East X West

William Siefers, Dorrance, Ks. 67634

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	50 Bbls	none MCF	trace Bbls		37 CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold

☐ Open Hole ☒ Perforation
☐ Other (Specify)

SIDE TWO

Operator Name Albert W. Borell Lease Name Borell "C" Well # 4

Sec. 32 Twp. 15S Rge. 11W ☐ East ☒ West County Russell

WELL LOG

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 ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

T#1 3012-3023' 30-30-30-30 MISRUN, TOOL SLID
 T#2 3041-3052' 30-30-30-30 75'MUD; IHP 1621, FHP 1605; ISIP 1033, FSIP 882; FP's Not available
 T#3 3189-3203' 30-30-30-30 20'MUD W/OIL SPOTS: IHP 1679, FHP 1668; ISIP 874, FSIP 698; IFP 16-16, FFP 16-16.
 T#4 3324-3332' 30-30-30-30 120' MUD CUT OIL, 60' GAS IHP 1713 FHP 1699; ISIP 1025, FSIP 1000; IFP 33-33, FFP 58-58.
 T#5 3332-3341' 30-30-30-30 1050' CLEAN GASSY OIL, 120' GAS; IHP 1748 FHP 1728; ISIP 958, FSIP 924; IFP 67-235, FFP 286-379.
 T#6 3340-3347' 30-30-30-30 90' MUDDY OIL, 60' MUDDY OILY WATER, 150' GAS; IHP 1738, FHP 1727; ISIP 1033, FSIP 1008; IFP 42-59, FFP 67-76.

Name	Top	Bottom
Anhydrite	723	745
Grandhaven	2300	
Dover	2325	
Stotler	2376	
Burlingame	2514	
Howard	2580	
Topeka	2616	
Queenhill	2815	
Heebner	2903	
Iatan	2996	
Lansing	3012	
BKC	3271	
Arbuckle	3309	
TD	3400	

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
Surface	12 1/4"	8 5/8"	28#	496'	60/40 Poz	250	2% Gel 3% CC
Production	7 7/8"	5 1/2"	14#	3,386'	60/40 Poz	125	18% Salt 3/4% CFR2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	3327.5-3328.5		
	3336-40		

TUBING RECORD		Liner Run ☐ Yes ☒ No	
Size	Set At	Packer at	
2 7/8"	approx 3400'		

Date of First Production	Producing Method
2-9-88	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....