

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

API NO. 15-065-22,483-00-00
County Graham
SE NE SW Sec. 12 Twp. 7S Rge. 21 East
West

Operator: License # 7383
Name Grady Bolding Corporation
Address P. O. Box 244
City/State/Zip Great Bend, KS 67530

Purchaser Koch Oil Company
Wichita, Kansas

Operator Contact Person Grady Bolding
Phone (316)-564-2765

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist Jim Musgrove
Phone (316)-587-3444

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

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

9/23/88 10/1/88 11/7/88
Spud Date Date Reached TD Completion Date
3660'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 273 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1750 feet
If alternate 2 completion, cement circulated
from 1750 feet depth to surface 475 SX cmt
Cement Company Name Halliburton
Invoice # 730202
12-5-88

1650 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

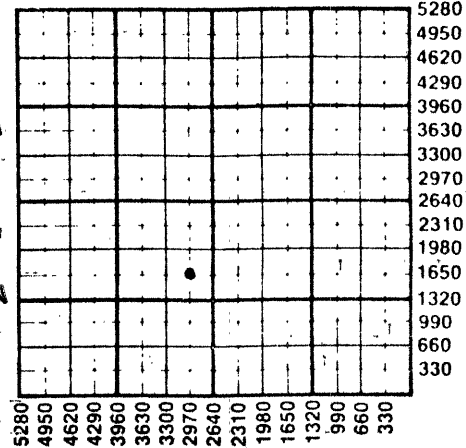
Lease Name Holsman Well # 2

Field Name Lesage West

Producing Formation Kansas City

Elevation: Ground 2148' KB 2153'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
NOV 21 1988
11/21/88
CONSERVATION DIVISION
Wichita, Kansas

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 Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 2970 Ft North from Southeast Corner
(Stream, pond etc) 330 Ft West from Southeast Corner
Sec 12 Twp 7S Rge 21 East West

Other (explain)
(purchased from city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 *Grady Bolding*
Title President Date 11/18/88

Subscribed and sworn to before me this 18th day of November 1988
Notary Public *Jenny Kasselmann*

Date Commission Expires 7-16-90

JENNY KASSELMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-16-90

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-21-88
4

Sec. 2 Twp. 7. Rge. 21 W

SIDE TWO

Operator Name Grady Bolding Corporation Lease Name Holsman Well # 2

Sec. 12 Twp. 7S Rge. 21 East West County Graham

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

DST#1-3270'-3290'
45-45-45-45
 Recovery: 30' Clean Oil & 50' Thin OCWM
 Pressures: ISIP-709; FSIP-701; IFP-25-33; FFP-41-41; HSH-1582-1571

DST#2-3326'-3371'
45-45-45-45
 Recovery: 120' -GIP; 5' Clean Oil; 60' HOCM;
 Pressures: ISIP-209; FSIP-200; IFP-41-50; FFP-50-58; HSH-1610-1621

DST#3-3372'-3412'
30-30-30-30
 Recovery: 660' GIP; 420' Clean Gassy Oil
 Pressures: ISIP-209; FSIP-200; IFP-58-91; FFP-108-133; HSH-1732-1716

DST#4-3414'-3464'
45-45-45-45
 Recovery: 300' -GIP; 420' Muddy Oil; 180' OCW;
 Pressures: ISIP-426; FSIP-418; IFP-91-183; FFP-225-275; HSH-1714-1701

DST#5-3474'-3564'
45-45-45-45
 Recovery: 360' -GIP; 90' Clean Oil; 120' Muddy Oil
 Pressures: ISIP-609; FSIP-601; IFP-91-117; FFP-124-150; HSH-1807-1799

Name	Top	Bottom
Anhydrite	1731'	
Topeka	3124'	
Heebner	3328'	
Toronto	3349'	
Lansing	3363'	
Base KC	3560'	
Marmaton	3581'	
Conglomerate	3586'	
Arbuckle	3634'	
Reagan Sand	3640'	
Quartzite	3653'	
RTD & LTD	3660'	

CASING RECORD <input checked="" 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"	23#	273'	60-10 Poz	165	3% CC, 2% Gel.
Production	7-7/8"	5-1/2"	14#	3656'	EA-2	150	1/2% CFR
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	3554'-3558'			750 Gals.	15% DEM.	3554-58	
2	3544'-3548'			1500 Gals.	15% DEM.	3544-48	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At	Packer at				
2-3/8" OD		3633'	None				
Date of First Production		Producing Method					
9-7/88		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
95 Bbls		0 MCF	0 Bbls		CFPB	38.7	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3544' - 3558'
 Used on Lease Dually Completed
 Commingled

EMPHASIS OIL OPERATIONS

P. O. BOX 506
 RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Grady Bolding Corporation
 P. O. Box 244
 Great Bend, Kansas 67530

CONTRACTOR: Emphasis Oil Operations
 Box 506
 Russell, KS 67665

LEASE: Holsman

RECEIVED
 WELL STATE CORPORATION COMMISSION

LOCATION: SE NE SW
 Section 12-7S-21W
 Graham County, Kansas

LOGGERS TOTAL DEPTH: 3660'

ROTARY TOTAL DEPTH: 3660'

COMMENCED: 9/23/88

CASING: 8-5/8" @ 273' w/165 sks cement
 5-1/2" @ 3656'' w/150 sks cement

NOV 21 1988
 11-21-88
 CONSERVATION DIVISION
 Wichita, Kansas

ELEVATION: 2153' K.B.

COMPLETED: 10/1/88

STATUS: Oil Well

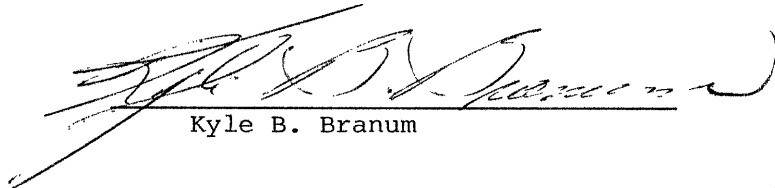
DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil, Sand & Shale	180'	Shale & Lime	3115'
Shale	820'	Top of Topeka	3116'
Dakota, Sand	1060'	Top of Heebner	3321'
Red Bed	1258'	Top of Lansing-Kansas City	3357'
Cedar Hills Sand	1457'	Top of Arbuckle	3624'
Red Bed	1736'	R.T.D.	3660'
Anhydrite	1770'		

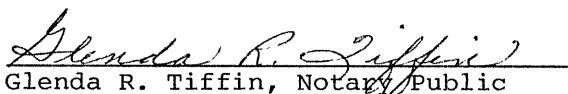
STATE OF KANSAS)
) ss
 COUNTY OF RUSSELL)

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 October 4, 1988.

My commission expires: February 6, 1992.


 Glenda R. Tiffin, Notary Public

