

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. 15-065-22,436 - 0000
County...Graham
SE NE SE... Sec. 29. Twp 10S. Rge. 24... East
West

Operator: License # 6861
Name Ron's Oil Operations, Inc.
Address RR #1, P.O. Box 112
City/State/Zip Penokee, KS 67659

1970... Ft North from Southeast Corner of Section
565... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser

Lease Name...Hanna... Well #...1
Field Name

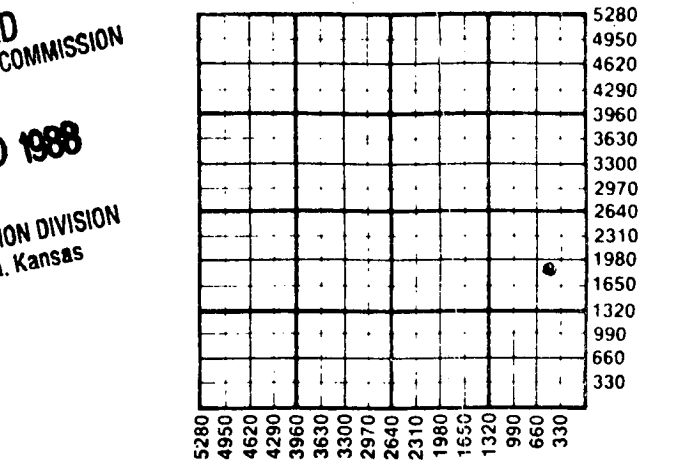
Operator Contact Person Ron Nickelson
Phone (913)-674-2315

Producing Formation
Elevation: Ground...2425'...KB...2430'

Contractor: License # 8241
Name Emphasis Oil Operations

Section Plat

Wellsite Geologist Mike Bair
Phone (913)-483-3571



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

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

If OWNED: old well info as follows:
Operator
Well Name
Comp. Date 2/11/88 Old Total Depth

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

WELL HISTORY
Drilling Method:
x Mud Rotary Air Rotary Cable
2/11/88 2/18/88 2-18-88
Spud Date Date Reached TD Completion Date
4000'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 258 feet
Multiple Stage Cementing Collar Used? Yes x No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice # Al I D&A

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
x Surface Water 3630 Ft North from Southeast Corner
(Stream, pond etc) 330 Ft West from Southeast Corner
Sec 29 Twp 10S Rge 24 East x 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 Ronald Nickelson

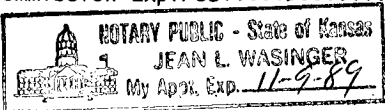
Title Pres Date 3-1-88

Subscribed and sworn to before me this 1st day of March 1988

Notary Public Jean L. Wasinger

Date Commission Expires 11-9-89

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)



8-1088 X
Form ACO-1 (5-86)

f

Sec 29 Twp 10S Rge 24

SIDE TWO

Operator Name Ron's Oil Operations, Inc. Lease Name Hanna Well # 1

Sec. 29 Twp. 10S Rge. 24 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

See attached log;

Name	Top	Bottom
Blue Shale	1390'	
Dakota Sand	1355'	
Red Bed	1605'	
Cedar Hills Sand	1810'	
Red Bed	2056'	
Anhydrite	2090'	
Shale	2580'	
Shale w/LimeStks	3750'	
Lime (R.T.D.)	4000'	

<p align="center">CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used</p> <p align="center">Report all strings set-conductor, surface, intermediate, production, etc.</p>							
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		8 7/8		258'		160	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

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

15-065-22436-0000

77-W

RECEIVED
STATE CORPORATION COMMISSION

AUG 10 1988

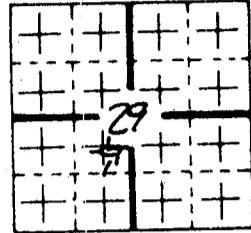
CONSERVATION DIVISION
Wichita, Kansas

DRILLING TIME

AND

SAMPLE LOG

COMPANY Ron's Oil Operation
WELL (LEASE) Hanna #1
FIELD WC
LOCATION SW/4 1900' FSL 560' FEL
SEC. 29 TWP. 10 RNG. 24W
COUNTY GRAHAM STATE KS



GENERAL WELL DATA

OPER Ron's Oil Op.
CONTR Emphasis Rig #7
COMM 2-11-88
COMP 2-18-88
ELECT SURVEY NONE

CASING RECORD
SURFACE 8 5/8 @ +250'
PRODUCTION NONE
TD DRLG. 4000'
TD LOG NONE

PRODUCTION D/A ELEVATIONS KB 2430 DF GL 2425 MEASUREMENTS ARE ALL FROM KB

FORMATION TOPS AND STRUCTURAL POSITION

FORMATIONS	SAMPLE TOP	ELEC LOG TOP	SUB SEA DATUM	A	B	C
<u>Anky.</u>	<u>+374 (2056)</u>					
<u>Base Anky</u>	<u>+340 (2090)</u>					
<u>Heebner</u>	<u>-1304 (3734)</u>					
<u>LSG</u>	<u>-1340 (3770)</u>					

REFERENCE WELLS

A. _____
B. _____
C. _____

SAMPLES SAVED FROM 3400 FEET TO TD FEET
DRILLING TIME KEPT FROM 3400 FEET TO TD FEET
SAMPLES EXAMINED FROM 3400 FEET TO TD FEET
GEOLOGICAL SUPERVISION FROM 3600 FEET TO TD FEET
GEOLOGIST Michael W. Bair

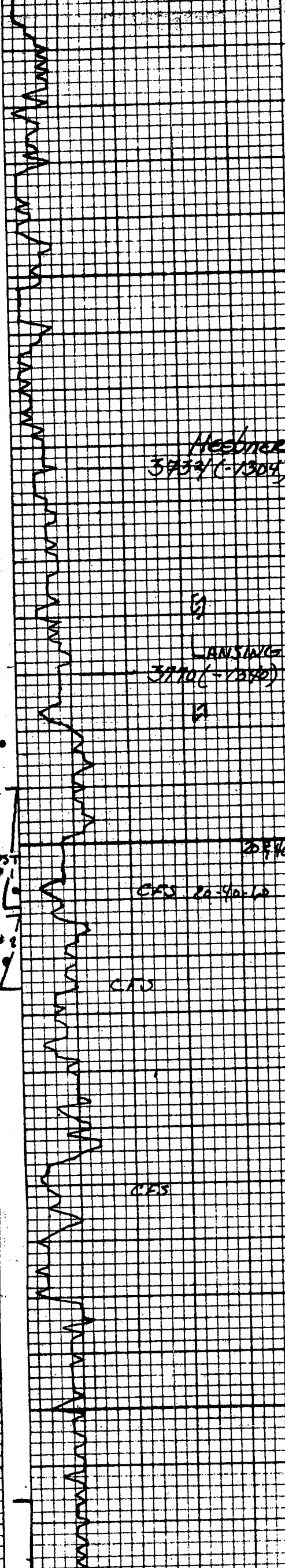
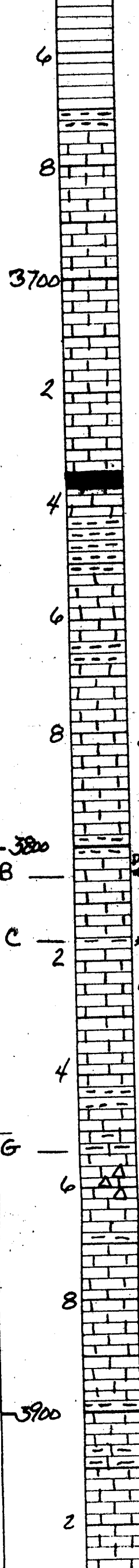
NOTES Due to relative structure and failure to recover oil on DSTs, well was P&A in the lower Kansas City MB

RECOVER OIL ON DST'S, WELL WAS 15' IN THE LOWER KANSAS CITY MB

LEGEND:

Limestone	Oolitic Limestone	Dolomite	Chert	Shale	Carbonaceous Shale	Salt	Sandstone	Anhydrite

REORDER NO. 77-6	DEPTH	LITHOLOGY	DST's	DRILLING TIME - Minutes Per Foot				SAMPLE DESCRIPTIONS	REMARKS
				Rate of Penetration Decreases					
				5"	10"	15"	20"		
	3500								
	2								
	4								
	4								
	8								
	3600								
	2								
	4								
	6								
	8								
								Ls, wh, fxl, s cky: sh, gry-brn	



Ls, wh, fxl, s cky: sh, gry-brn
Tan Δ'y Ls TO Δ tr foss - NS-
Ls, ofwh, fxl to Δ'y dse

Ls, ofwh-tan, fxl, tr foss; NS-

Hessner
3734 (-1304) Sh, blk, carb.
Ls, tan, foss, cmt, pr s, TO Δ wh
Ls, wh, fxl to Δ'y tr foss - NS-

LANSAWKS
3770 (-1340) Ls, tan, v foss, cmt, NVP,
RARE pc w/ dead oil str
NO od, NSFO
Ls, wh, foss, cmt, pr s, spt'd sfo
v minor show, no od, pr rep.
Ls, wh, fxl - NS - sh, gry-red

20740
Ls, tan, ofwh, col to foss, sl s,
ppp to vg w/ sfo, hvy brn
oil, spt'd str, no od, low rep
Δ, v.c. mst salmon, fresh, NS

CAS
Ls, ofwh-tan, fr so hvy blk oil
in most w/ some lt brn oil, tr go,
spt'd to lt sat str, low s, mst pp to
sl vg, some xls on frac plane
w/ oil show. med rep.

Ls, wh, fxl, dse; NS-

CES
Sh, gry, rd-brn
Δ opaque-wh, fresh, lpc gil str
NSFO
Dolo, wh, spt'd str, pr sl s, v minor
show, v low rep no odor

Ls, wh-tan, fxl, tr foss

Sh, gry-blk
Ls, shly, sl cky
Ls, fxl, foss, NO vis of oil
lpc, dse, w/ dead oil
str. NO od, NSFO

DST #1
3790-3811 ()
30-30-30-30
1st weak die
2nd No Blow
Rec. 5' Dm
SIP: 52-52
FP: 52-52/52
HP: 1951-18

VIS 43
SHORT TRI
3809 STRA
VIS 46

DST #2
3812-3825
30-30-30-30
Blow died aft
in first op
Rec. 15' D
SIP: 52-52
FP: 42-42/4
HP: 1977-18

DST #3
3916-4000 ()
45-45-45-
STRONG blow
Rec: 1636
SIP: 824-
FP: 367-7

DST #3
 3916-4000 (84')
 45-45-45-45
 STRONG blow thru
 REC: 1636 SW
 SIP: 824-824
 FP: 367-772/772
 HP: 2245-2245
 WTR: 44,444 p.p.m.

Ls, shly, sl, clay

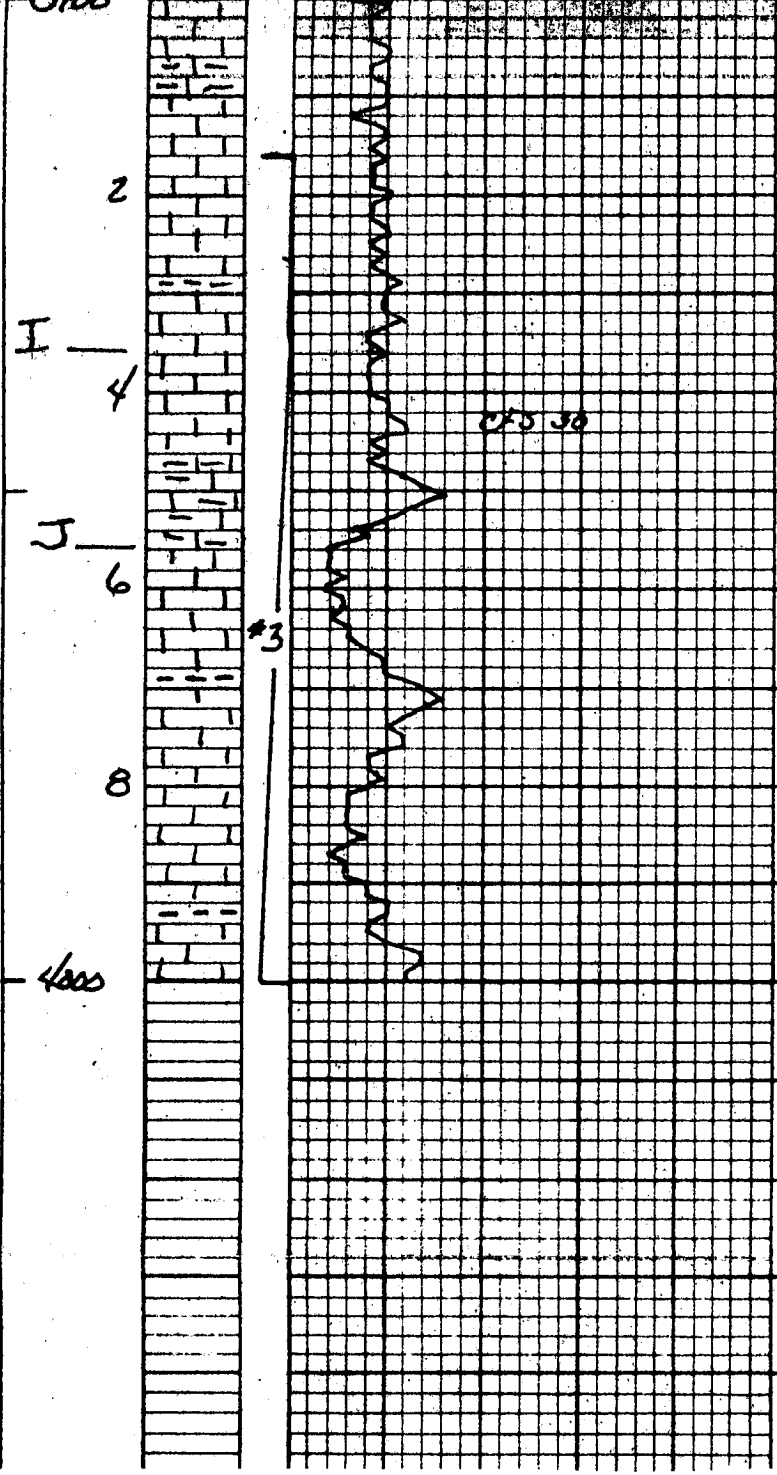
Ls, fl, fass, no w/d, 275
 1 pc, dse, w/ dead oil
 STN, no od, NSF0

Ls, tan, oil, v. pc, v. lt spt'd STN
 poor show

Ls, tan, pr pp, sct'd sl STN
 r SFO, low REP.

Sh, blk

Ls, mst tan fl, 1 pc ool
 w/ spt'd blk oil on end



CFD 30

#3

4000