

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 # 7124
Name H & H Production, Inc.
Address Box 348
City/State/Zip Russell, KS 67665

Purchaser Koch Oil Company

Operator Contact Person Rudy Herman
Phone 913-483-4898

Contractor: License # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist Wayne Merchant
Phone 316-043-4676

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9-6-85 9-12-85 10-31-85
Spud Date Date Reached TD Completion Date
3528 3158
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 466 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to 466 w/ 120 SX cmt

API NO. 15-167-22,641-0000

County Russell

NE SE NE Sec. 27 Twp. 13 Rge. 15 East West

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

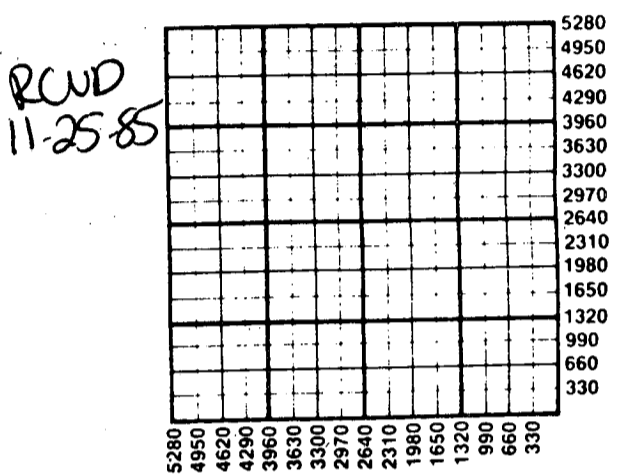
Lease Name Dortha Dangler Well # 2

Field Name Dorham

Producing Formation

Elevation: Ground 1904 KB 1909

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 4950 Ft North from Southeast Corner
(Stream, pond etc) 3960 Ft West from Southeast Corner
Sec 4 Twp 14 Rge 15 East West
 Other (explain) (purchased from city, R.W.D. #)

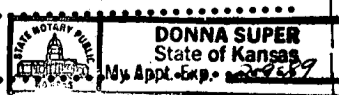
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 Rudy A. Dangler
Title President Date 11-19-85

Subscribed and sworn to before me this 19 day of November 1985

Notary Public Donna Super
Date Commission Expires 2-9-89



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 4 Twp 13 Rge 15

SIDE TWO

Operator Name H & H Production, Inc Lease Name..... Dorthea Dunler Well #...2.....

Sec.....27..... Twp.....13..... Rge.....15..... 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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Name	Top	Bottom
surface soil, sand & clay	247'	90'
shale, hard sand, red bed	971'	248'
Anhydrite	1006'	971'
lime & shale	2738'	1006'
lime	2786'	2738'
shale & sand	2799'	2786'
lime	3018'	2799'
shale	3022'	3018'
lime & shale	3042'	3022'
lime	3054'	3042'
shale	3074'	3054'
lime	3320'	3074'
shale & lime	3335'	3320'
Dolomite	3393'	3335'
sand	3528'	3393'
RTD	3528'	3528'

DST #1 3080-3113-30/60/60/60/ 1st open: weak steady 3/4" blow 2nd open: weak steady 1" blow 55' slight show of gas in pipe above fluid Mud chlorides: 61,000PPM, Recovery Chlorides: 60,000PPM Resistivity: 0.130 OHM Meters @ 70°F. Recovered 65' of gassy oil cut mud (10% gas/20% oil 5% water 65% mud) Recovered 60' of gassy slightly oil cut watery mud (25% gas/ 5% oil/ 25% water/ 45% mud)

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"	23#	466'	60/40poz	200	2% gel 3% co
Production	7-7/8"	5 1/2"	14#	3398'	common	125	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
4	3339 to 3342			250 gal mud acid			
10	3312 to 3316			250 gal mud acid			
10	3100 to 3104			1500 gal acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
10-31-85		2 1/2"	3398'	3158'			
Producing Method		<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	
15 bbls fluid 13% oil		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on lease

Dually Completed Commingled

REGENT
STATE CORPORATION COMMISSION

NOV 25 1985
11-25-1985