

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 # ...5886.....
Name .CHIEF DRILLING CO. INC.....
Address .224 E. Douglas...#350.....
City/State/Zip Wichita, KS 67202.....

Purchaser Koch Oil Company

Operator Contact Person Douglas W. Thimesch
Phone316-262-3791.....

Contractor: License #5883.....
Name ...Warrior Drilling Co.....

Wellsite Geologist.....Ron Dulos.....
Phone.....267-7270.....

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. DateOld Total Depth.....

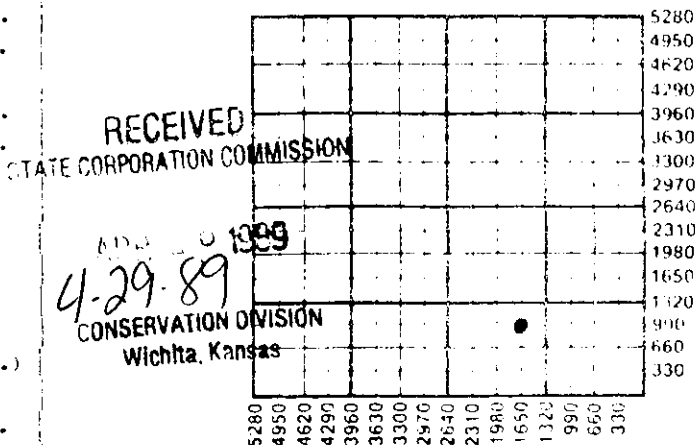
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3-6-89... 3-15-89... 4-19-89...
Spud Date Date Reached TD Completion Date
4700 RTD 4400
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 304' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2127' feet
If alternate 2 completion, cement circulated from 2127' feet depth to surf w/ 223' cement
Cement Company Name Allied Cementing
Invoice # 53787

API NO. 15-...101-21,505-0000.....
County.....Lane.....
.NE. SW.. .SE. Sec 22.. Twp 19S. Rge. 29.. X East West
.990..... Ft North from Southeast Corner of Section
1650..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name.....HANSEN.....Well #. 1.....
Field Name.....Paris Pool #2.....
Producing Formation.....Lansing-K.C.....
Elevation: Ground...2833.....KB...2840.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

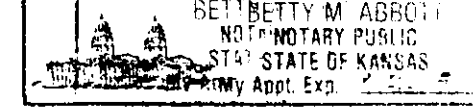
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #...32189.....
 Groundwater.....Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
SE/4 of Sec 23 Twp 18S Rge 29W East X West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge 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
Douglas W. Thimesch
Title Vice President Date 3-21-89...
Subscribed and sworn to before me this 23 day of April 1989
Notary Public.....

Date Commission Expires January 22, 1991

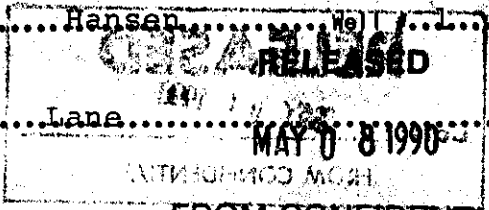


K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NSPA
 KGS Plug Other (specify)
4-26-89 X(1)
Form ACO-1 (5-86)

Operator Name Chief Drilling Co., Inc. Lease Name Hansan

Sec. 22 Twp. 19S Rge. 29 East West

County Lane



WELL LOG

FROM CONFIDENTIAL

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

3-12-89 DST #1 4329-4340 (Middle Cr) 30-30-60-60 very st bl throughout Rec. 360' GIP, 380' Cl G O, IBHP: 706#, FBHP: 670#, IFP: 53-71 FFP: 107-142 Hydrostatic Pressure 2123-2077, Gravity 36
 DST #2 4339-4350 (220 zone) 30-30-60-60 very st bl throughout, Rec. 300' GIP, 525' Cl G O, 36 gr. 750' W, chloridas 67,000 ppm, IBHP: 939#, FBHP: 939#, IFP: 116-258 FFP: 348-580 Hydrostatic Pressure 2123-2077
 3-13-89 DST #3 4379-4442 (Pleasanton, Upper Marm, and Marm-A) 30-30-75-60 IF: wk bl bldg to strong off bottom in 30 min., FF: wk bl bldg to strong bl off bottom in 75', Rec. 465' GIP, 420' Cl G O, IBHP: 508# FBHP: 491#, IFP: 62-89 FFP: 107-169 HP: 2215-2123
 3-14-89 DST #4 4429-4510 (Marm B&C) wk bl died 30-30-30-30 Rec. 30' M. IBHP: 580# FBHP: 580# IFP: 80-80 FFP: 80-80 HP: 2022-2019
 3-15-89 Drilling @ 4682. Running DST #5 4648-4682 very wk bl died in 6" 30-30-30-30 Rec. 10' Cl O, 20' HOCM, (62# O, 38# M) IBHP: 983#, FBHP: 939#, IFP: 80-80 FFP: 80-80 HP: 2400 - 2354 RTD 4700' LTD 4702' Ran 112 jts. 4510' of used 10.5# csg. set @ 4516', cem w/150 sxs ASC 20 bbls WRF-2 flush ahead of cem. Plug down @ 9:00 am, 7 centralizers set @ 4504-4465-4425-4385-4347-4267-2168 Cement control basket @ 2168', port collar @ 2127' float set @ 4504' Final Report

Name	Top	Bottom
FORMATION TOPS:		
Anhydrite	2163 +	677
Base Anhy	2191 +	649
Heebner	3967 -	1127
Toronto	3981 -	1141
Lansing	4008 -	1168
Muncie Cr.	4197 -	1357
Stark	4293 -	1453
Hush Puckney	4330 -	1490
BKC	4373 -	1533
Marmaton	4406 -	1566
Pawnee	4496-1656	
Pt. Scott	4541-1701	
Cherokee	4564-1724	
Mississippi	4627-1787	
Miss. Dolom.	4668-1828	
	4700 -	1860
E-LOG TOPS:		
Anhydrite	2160 +	677
Base Anhy	2187 +	649
Heebner	3971 -	1127
Lansing	4012 -	1141
Muncie Cr.	4197 -	1357
Stark	4296 -	1453
Hush Puckney	4332 -	1490
BKC	4381 -	1533
Marmaton	4420 -	1566
Pawnee	4501 -	1656
Pt. Scott	4547 -	1701
Cherokee	4570 -	1724
Mississippi	4637 -	1787
Miss Dolomite	4671 -	1828
LTD	4702 -	1860

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".....	..20#.....	..304!..	..60/40..	..175..	3%cc.2%gal
Production..	..7.7/8..	..4.1/2".....	..10.5#...	..4516!..	..ASC...	..150..	20.bbl.WRF-2

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

4 sh/ft	4410-4416, 4420-4422, 4431-4433	3 acid w/1000 gal. INS. 15% 5bbl/min. 950# max psi 95% bbl load
	Acidize w/2000 gal. 15% INS.	2 bbl/min. 900# max psi. 118.5 load

TUBING RECORD
 Size 2 3/8 Set At 4392 Packer at 4400
 Liner Run Yes No

Date of First Production 4-19-89
 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	60 bbls	-0- MCF	-0bbls	0 CFPB	36°

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4410-4416.....
 Used on Lease 4420-4422
 Dually Completed 4431-4433.....
 Commingled
 Single

COPY

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1989

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TO: Chief Drilling Co. Inc.
1200 N. Vine
Wesington, Kansas 67544

INVOICE NO. 53787

TICKET NO. _____

LEASE NAME Hansen #1

DATE April 12, 1989

SERVICE AND MATERIALS AS FOLLOWS:

ATL 223 sks @\$5.25
Sand 2 sks. @\$4.75

\$ 1,170.75
9.50

\$ 1,180.25

Handling 223 sks @\$0.90
Mileage (39) @\$0.03c per sk per mi
Port collar job
HI @\$1.00 pap. trk.

200.70
260.91
450.00
39.00

950.61

Cement circ.

426.15
If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

Total

\$ 2,130.86

ATCH # 4-169
ENDOR # 5100
DATE 5-12-89
G.L. ACCT. # 1450200
LEASE # 280250
WELL # _____
DATE POSTED APR 24 1989

THANK YOU