

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 151 N. Main Suite #700
Wichita, Kansas 67202
City/State/Zip

Purchaser Koch Oil Co.

Operator Contact Person F.W. Shelton, Jr.
Phone Vice President 262-3791

Contractor: License # 5883
Name Warrior Drilling Co.

Wellsite Geologist Mitch Allen
Phone 262-3791

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

..7-8-86.. ..7-17-86... ..8-4-86.....
Spud Date Date Reached TD Completion Date

...4700!... ..4428!.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 302 feet
Multiple Stage Cementing Collar Used? Yes No
if yes, show depth set NA feet
if alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt

API NO. 15-101-21-322-0000

County Lane

NE... SE... SW Sec. 36 Twp. 19S Rge. 29 East West

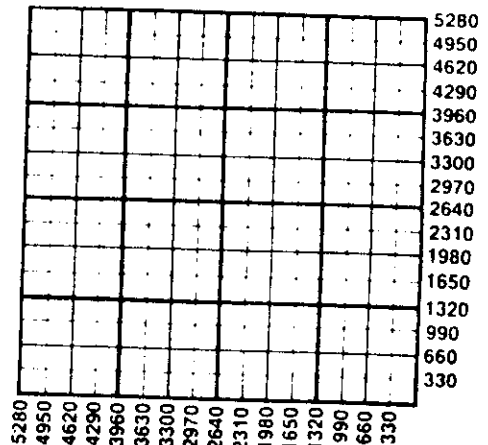
990 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name TRUAN Well # 2

Field Name J-MUR NE

Producing Formation Ks. City

Elevation: Ground 2815 KB. 2822
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 #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
SW NE SW Sec 18 Twp 18S Rge 28 East West
water well 100'
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
NW/4 Sec 18 Twp 20 Rge 28 East West
Trucking - Cheyenne
 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 F.W. Shelton, Jr.

Title F.W. Shelton, Jr., Vice President Date 8-06-86

Subscribed and sworn to before me this 6th day of August 1986

Notary Public Martha E. Gustin

Date Commission Expires

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
EXPIRES 11-18-89

8-22-86
AUG 22

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

Sec 36 Twp 19 Rge 29 W

Operator Name Chief Drilling Co., Inc. Lease Name..... TRUAN Well #..... 2.....

Sec. 18..... Twp. 20..... Rge. 28..... East West County... Lane.....

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

7-13-86 DST #1 4300-4326 (Lans 200z) 30-60-60-60 IF: st bl off bottom immediately, FF: st bl off bottom immediately, Rec. 276' GIP, 1300' CI 60, 920' W, gravity 42, @ 60 degrees F, chl. 39,000 ppm, IBHP: 804# FBHP: 840#, IFF: 401-692 FFP: 759-840
 DST #2 4331-4341 (Lower 200' z) 30-45-75-60 IF: wk blow bldg to good blow, FF: wk bldg to fair blow, Rec. 92' GIP, 50' CI 60, 220' W, gravity 36 @ 60 degrees F, chlorides 42,000 ppm, IBHP: 876# FBHP: 804# IFF: 44-71 FFP: 89-131
 7-14-86 DST #3 4344-4351 (Middle Creek) 30-30-30-30 IF: very wk bl FF: no blow, Rec. 1' M IBHP: 77# FBHP: 77#, IFF: 26-26 FFP: 26-26
 DST #4 4349-4388 (Lans. 220z) 30-60-60-60 IF: st bl off bott in 1" FF: st bl off bottom in 1", Rec. 360' GIP, 900' CI 60, 1000' W, Gravity 38 @ 60 deg. chl 44,000 ppm, IBHP: 759#, FBHP: 759#, IFF: 187-383 FFP: 482-643
 7-15-86 Drilling @ 4417' DST #5 4404-4475 (Marm.) 30-30-30-30 IF: wk bl died 20", FF: no bl Rec. 20' OSPM, IBHP: 298# FBHP: 298# IFF: 77-77 FFP: 77-77
 7-16-86 DST #6 4503-4635 (Pawnee-Johnson) 30-30-30 IF: weak blow, died 17" FF: No blow Rec. 10' Mud, IBHP: 110# FBHP: 77# IFF: 55-55 FFP: 55-55
 7-17-86 Ran E-log, 101 jts used 4 1/2" 10.5# csg. 4467' set @ 4474' Cent. @ 4459-4370-4280-2159- cement control basket @ 2159' cem w/175 ex ASC, 20 bbls. WFR-2 ahead of cement. Started @ 4:30 pm Comp @ 12:15 am.

Name	Top	Bottom
FORMATION TOPS:		
Anhydrite	2139 +	683
B/Anhydr.	2168 +	654
Heebner	3973 -	1151
Toronto	3987 -	1165
Lansing	4014 -	1192
Muncie Cr	4195 -	1373
Stark	4300 -	1478
Hush Puckney	4344 -	1522
BKC	4385 -	1563
Marmaton	4410 -	1588
Pawnee	4509 -	1687
Ft Scott	4556 -	1734
Cher. Sh	4580 -	1738
Miss Lime	4650 -	1828
Miss Dolo.	4664 -	1842
RTD	4700 -	1878
E-LOG TOPS:		
Anhydr.	2135 +	687
B/Anhydr	2163 +	659
Heebner	3970 -	1148
Toronto	3985 -	1163
Lansing	4011 -	1189
Muncie Cr	4194 -	1372
Stark	4298 -	1476
HushPuckney	4341 -	1519
BKC	4382 -	1560
Marmaton	4413 -	1591
Pawnee	4507 -	1685
Ft. Scott	4552 -	1730
Cherokee Sh	4576 -	1754
Miss Lime	4650 -	1828
Miss Dolo	4663 -	1841
LTD	4699 -	1877

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#	302	60/40	175	2% gel. 3% eo
Production	7 7/8"	4 1/2"	10.5#	4474'	ASC	175	20 bbls. WFR-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
1 hole @ 4350' and 1 hole @ 4359'		acidized w/500 gal SGA	5 BPM @
2 sh. per ft. 4349-4351 and 4355-4360'		2100# max. psi	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4417.15			RELEASED

Date of First Production	Producing Method
8-06-86	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Specify).....

Estimated Production Per 24 Hours	Oil			Gas			Water			Gravity
	Bbls	MCF	CFPB	Bbls	MCF	CFPB	Bbls	MCF	CFPB	
	69	-0-		31						36

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4349-4351.....
 Used on Lease Dually Completed 4355-4360.....
 Commingled
 single

SEP 16 1987
 FROM CONFIDENTIAL

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN BUILDING

SUITE 700

WICHITA, KANSAS 67202

V. RICHARD HOOVER
PRESIDENT

DAILY DRILLING REPORT
API: 15-101-21,322
RIG #2

(316) 262-3791

TRUAN #2
NE SE SW 36-19S-29W
LANE COUNTY, KANSAS

ELEVATION: 2815 GR
2819 DF
2822 KB

7-07-86 Moving in on location
 7-08-86 Finish moving in on location Spudded in @ 12:45 pm ran 7 jts 293' new 20# 8 5/8", set @ 302', cem w/175 sks 60/40 posmix 2% gel 3% cc, plug down @ 6:30 pm
 7-09-86 Drilling @ 1103'
 7-10-86 Drilling @ 2582'
 7-11-86 Drilling @ 3344'
 7-12-86 Drilling @ 3972'
 7-13-86 DST #1 4300-4326 (Lans 200z) 30-60-60-60 IF: st bl off bottom immediately, FF: st bl off bottom immediately, Rec. 276' GIP, 1300' Cl GO, 920' W, gravity 42, @ 60 degrees F, chl. 39,000 ppm, IBHP: 804# FBHP: 840#, IFP: 401-692 FFP: 759-840
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FORMATION TOPS:
 Anhydrite 2139 + 683
 B/Anhydr. 2168 + 654
 Heebner 3973 - 1151
 Toronoto 3987 - 1165
 Lansing 4014 - 1192
 Muncie Cr 4195 - 1373
 Stark 4300 - 1478
 Hush Puckney 4344 - 1522
 BKC 4385 - 1563
 Marmaton 4410 - 1588
 Pawnee 4509 - 1687
 Ft Scott 4556 - 1734
 Cher. Sh 4580 - 1758
 Miss Lime 4650 - 1828
 Miss Dolo. 4664 - 1842
 RTD 4700 - 1878

E-LOG TOPS:
 Anhydr. 2135 + 687
 B/Anhydr 2163 + 659
 Heebner 3970 - 1148
 Toronto 3985 - 1163
 Lansing 4011 - 1189
 Muncie Cr 4194 - 1372
 Stark 4298 - 1476
 HushPuckney 4341 - 1519
 BKC 4382 - 1560
 Marmaton 4413 - 1591
 Pawnee 4507 - 1685
 Ft. Scott 4552 - 1730
 Cherokee Sh 4576 - 1754
 Miss Lime 4650 - 1828
 Miss Dolo 4663 - 1841
 LTD 4699 - 1877

2 2
RELEASED

SEP 16 1987

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V. RICHARD HOOVER
PRESIDENT

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DAILY COMPLETION REPORT

TRUAN #2
NE SE SW 36-19S-29W
LANE COUNTY, KS.

7-31-86 Moved in Warrior Double Drum - ran correlation, cement bond
and collar log, swab down casing, perf. 1 hole @ 4350' & 1
hole @ 4359' 1/2 hr test 1.16 bbls. 20% O
1/2 hr test 1.16 bbls. 20% O

8-01-86 991' fill up, 956' O, 35' W, 36 gr. acidized w/500 gall SGA
5 BPM @ 2100# max press. total load 82 bbls. swab down 98.5
bbls. 1 hr test 9.86 bbls. 100% O @ 3500'
2 hr test 10.06 bbls. 85% O @ 3140'
3 hr test 9.24 bbls. 97% O @ 3140'

8-04-86 1240' fill up, 854' O 386' W, perf. 2 sh per ft. 4349-4351
4355-4360 Ran mud anchor 29.15
146 jts. 2 3/8" tubing 4370.05
3 - 6' subs 18.00

TOTAL 4417.15

2 x 1 1/2 x 12 THD 174 3/4" rods

8-06-86 P.O.P.

8-09-86 Bbl. test 69 bbls. O, 31 bbls. W

2

RELEASED

SEP 16 1987
9-16-87

FROM CONFIDENTIAL