

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 # 5010
Name Knighton Oil Company, Inc.
Address 710 Petroleum Building
City/State/Zip Wichita, Kansas 67202

Purchaser... N/A

Operator Contact Person Earl M. Knighton, Jr.
Phone (316) 264-7918

Contractor: License # 5864
Name Iobo Drilling Company, Inc.

Wellsite Geologist Rob. Douglass
Phone (316) 722-4873

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. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

Spud Date 11/25/88 Date Reached TD 12/03/88 Completion Date 12-3-88

Total Depth 4508' PBD

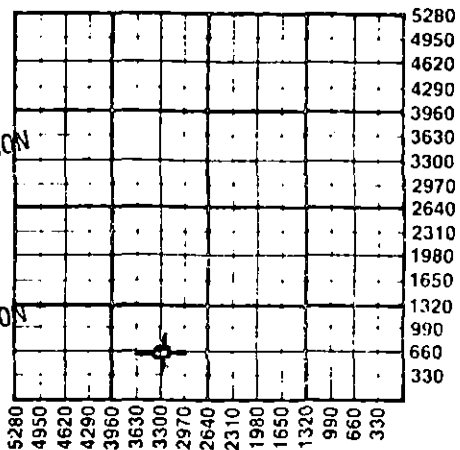
Amount of Surface Pipe Set and Cemented at 273 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set... feet
If alternate 2 completion, cement circulated from... feet depth to... w/... SX cmt
Cement Company Name
Invoice #

Air Dry

API NO. 15-095.21.595-0000
County... Kingman
..C. ..SE ..SW Sec. 30.. Twp. 29S Rge. 5... East West
660 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name... Graber Well #... 1
Field Name... Orsemus
Producing Formation
Elevation: Ground 1519' KB 1524'

Section Plat



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FEB 6 1989
CONSERVATION DIVISION
Wichita, Kansas

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... 660 Ft North from Southeast Corner (Well) 3300 Ft West from Southeast Corner of Sec 30 Twp 29S Rge 5 East 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 OP-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 Earl M. Knighton, Jr.
Title... President Date 2/02/89

Subscribed and sworn to before me this 2nd day of February 1989...
Notary Public Helen N. Cole

Date Commission Expires 2-8-89

HELEN N. COLE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp.

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)
2-6-89
Form ACO-1 (5-86)

Sec 30, Twp 29S, Rge 5E

Operator Name Knighton Oil Company, Inc. Lease Name Graber Well # 1

Sec. 30 Twp. 29S Rge. 5 East West County Kingman

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 4468-4480 30-45-60-45
 WK Blow 1st Op. Str. Blow 2nd Op.
 Rec. 370' GIP & 110 OGCM w/show clean oil
 in top of tool. IFP: 54-54, IBHP: 770,
 FFP: 64-64, FBHP: 954

DST#2 Missrun 4481-4488 Packer failed.

DST#3 4472-4484 30-90-90-120
 Str Blow throughout. Rec 620' GIP and 50'
 O&GCWM. IFP: 45-36, IBHP: 540, FFP: 45-45
 FBHP: 402

Name	Top	Bottom
Sand	0	60
Red Bed	60	110
Sand & shale	110	275
Shale & Red Bed	275	800
Shale	800	1350
Lime & Shale	1350	3306
Lansing	3306	3526
Kansas City	3526	3754
Shale & Lime	3754	3972
Cherokee	3972	4092
Conglomerate	4092	4103
Mississippe	4103	4355
Kinderhook	4355	4465
Viola	4465	4487
Simpson	4487	4508
RTD	4508	-

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/2"	8 5/8"	20#	273'	60/40 Poz.	160	2% Gal. 3% C.C.
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

DRILLER'S WELL LOG

DATE COMMENCED: November 25, 1988

DATE COMPLETED: December 3, 1988

Knighton Oil Company
Graber #1
C SE SW
Sec. 30-29S-5W
Kingman County, KS

0 - 60'	Sand
60 - 110'	Red Bed
110 - 275'	Sand & Shale
275 - 800'	Shale & Red Bed
800 - 1350'	Shale
1350 - 3520'	Lime & Shale
3520 - 3650'	Lime
3650 - 3780'	Lime & Shale
3780 - 4169'	Lime
4169 - 4363'	Lime & Shale
4363 - 4470'	Lime
4470 - 4508'	Chert, Lime, Shale
4508'	RTD

Surface Pipe: Set new 8 5/8"
20# at 273' with 160 sacks
60/40 Pozmix, 2% gel, 3% C.C.

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STATE CORPORATION COMMISSION

A F F I D A V I T

DEC 6 1988

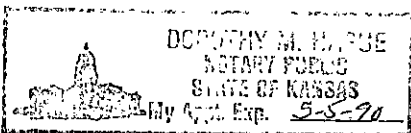
STATE OF KANSAS
COUNTY OF BARTON) ss

CONSERVATION DIVISION
Wichita, Kansas

ERVIN NEIGHBORS of lawful age, does swear and state that
the facts and statements herein are true and correct to the best of his knowledge.

Ervin Neighbors
Ervin Neighbors

SUBSCRIBED AND SWORN to before me this 5 day of December, 1988.



Dorothy M Haque
Notary Public