

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 04782
Name: Ensign Operating Co.
Address 621 17th Street
Suite 1800
City/State/Zip Denver, Colorado 80293

Purchaser: Oklahoma Natural Gas
Operator Contact Person: Jerry C. Simmons
Phone (303) 293-9999

Contractor: Name: Slawson Drilling
License: 5657

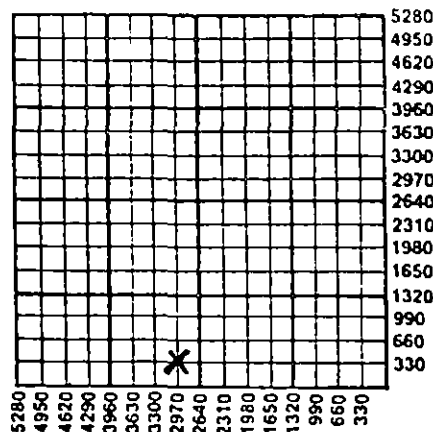
Wellsite Geologist: Unknown - Originally Drld
by Slawson

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
3/9/87 3/21/87 6/5/87
Spud Date Date Reached TD Completion Date

API NO. 15- 175-20,948 -00-00
County Seward
SE SE SW Sec. 26 Twp. 34S Rge. 33 East West
330' Ft. North from Southeast Corner of Section
2970' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Trimmell Well # 1-26
Field Name _____
Producing Formation Lower Morrow
Elevation: Ground 2803' KB 2809'
Total Depth 6500' PBSD _____



Amount of Surface Pipe Set and Cemented at 1584' Feet:
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmr.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-1 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Conni Smith
Title Sr. Engineering Technician Date 10/17/90
Subscribed and sworn to before me this 17 day of October,
19 90.
Notary Public _____
Date Commission Expires October 21, 1991

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)
10-19-90
OST

SIDE TWO

Operator Name Ensign Operating Co. Lease Name Trimmell Well # 1-26
 Sec. 26 Twp. 34S Rge. 33 East West
 County Seward

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Original ACO-1 and logs were filed by Slawson.

Formation Description		
Name	Top	Bottom
Herrington	2598'	+ 211'
Krider	2628'	+ 181'
Council Grove	3006'	- 197'
Heebner	4326'	- 1517'
Toronto	4342'	- 1533'
Lansing	4474'	- 1665'
Marmaton	5186'	- 2377'
Cherokee	5455'	- 2646'
Morrow	5812'	- 3003'
Chester	6062'	- 3253'

CASING RECORD St. Genevieve 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	11"	8-5/8"	24#	1584'	Cl "C" Lite	500	3% CaCl2
Production	7-7/8"	4-1/2"	10.5#	6475'	50/50 Poz	225	18% Salt, 3/4% CFR 174#/sx Flocele

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6014-17'	Acidize perms w/1500 gals	6014-23'
4	6019-23'	7-1/2% HCl Acid containing 56 BS	

TUBING RECORD Size 2-3/8" Set At 5903' Packer At 5903' Liner Run Yes No

Date of First Production 10/4/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 0 Bbls. Gas 350 Mcf Water 1 Bbls. Gas-Oil Ratio N/A Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____
 Production Interval 6014-23'
Lower Morrow

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 # 5181
Name Donald C. Slawson
Address 20 N. Broadway, Suite 700
City/State/Zip Oklahoma City, OK 73102

Purchaser Unknown - WOPL connection

Operator Contact Person Daniel G. Wilson
Phone (405) 232-0201

Contractor: License # 5657
Name Slawson Drilling

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
03/09/87 03/21/87 SI - WOPL
Spud Date Date Reached TD Completion Date
6500'
Total Depth PBD
1586' 8 5/8" @ 1584' KB
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to.../...SX cmt
Cement Company Name
Invoice #

API NO. 15-15-20,948
County Seward
SE SE SW Sec. 26 Twp. 34S Rge. 33 East XX West
330 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

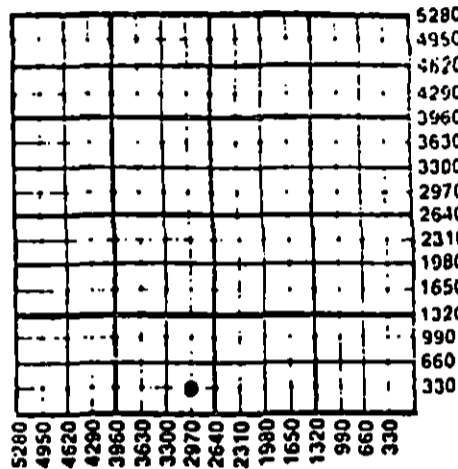
Lease Name TRIMMELL Well # 1-26

Field Name

Producing Formation L. Morrow

Elevations: Ground 2803' KB 2809'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Reprocessing
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...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. #)

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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 Daniel G. Wilson
Title Division Engineer Date 07/16/87

Subscribed and sworn to before me this 16th day of July 1987
Notary Public Donna B. Covington
Date Commission Expires 01/31/91

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)

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

Name	Top	Bottom
Herrington	2598	+ 211
Krider	2628	+ 181
Council Grove	3006	- 197
Heebner	4326	- 1517
Toronto	4342	- 1533
Lansing	4474	- 1665
Marmaton	5186	- 2377
Cherokee	5455	- 2646
Morrow	5812	- 3003
Chester	6062	- 3253
St. Genevieve	6408	- 3599
T.D.	6499	- 3690

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	11"	8 5/8"	24#	1584' KA	Cl C	100	3% CaCl ₂
Prod	7 7/8"	4 1/2"	10.5#	6475'	50/50 poz Cl 'H'	225 460	18% salt, 3/4% CFB 4#/sk flocc

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6014-17	Acidize nerfs w/1500 gals.	6014-23
4	6019-23	7 1/2% HCL acid containing 56 BS	

TUBING RECORD
 189 jts Size 2 3/8" Set At 5903 Packer at 5903 Liner Run Yes No

Date of First Production: WOPL Producing Method: Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0- Bbls	253 MCF	-0- Bbls	- CFPB	-

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole. Perforation Sold Other (Specify) 6014-23
 Used on Lease Dually Completed Commingled L. Morrow

ENSIOn OPERATING CO.

621 SEVENTEENTH STREET, SUITE 1800
DENVER, COLORADO 80293
(303) 293-9999

October 17, 1990

State Corporation Commission of Kansas
Oil and Gas Conservation Division
200 Colorado Derby Building
Wichita, KS 67202

RE: Trimmell #1-26
SESESW Sec. 26-T34S-R33W
Seward County, KS

Dear Sir or Madam:

Enclosed please find form ACO-1 (Well Completion or Recompletion Form) on the above-referenced well. This well was originally drilled and completed by Slawson Drilling and they submitted a set of logs. Their ACO-1 was submitted on 7/16/87 (copy attached for your information).

Thank you for your cooperation. If you have any questions regarding this request or information, please feel free to contact Jerry Simmons at the above address or telephone number.

Sincerely,

Conni Smith

Conni J. Smith
Sr. Engineering Technician

Encl.

OCT 19 1990

