

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

Operator: License # 31900Name: Nor-West Oil, L.L.C.Address R R 2, Box 14City/State/Zip WaKeeney, KS 67672

Purchaser: _____

Operator Contact Person: Patrick WankerPhone (785) 743-2769Contractor: Name: Ron NelsonLicense: 30606Wellsite Geologist: Ron Nelson

Designate Type of Completion

 New Well Re-Entry Workover

Oil	<u>SWD</u>	<u>SIOW</u>	<u>Temp. Abd.</u>
Gas	<u>ENHR</u>	<u>SIGW</u>	
<input checked="" type="checkbox"/> Dry	<u>Other (Core, WSW, Expl., Cathodic, etc)</u>		

If Workover:

Operator: _____

Well Name: _____

Comp. Date Old Total Depth _____

Deepening	<u>Re-perf.</u>	<u>Conv. to Inj/SWD</u>
Plug Back		<u>PBTD</u>
Commingled		<u>Docket No.</u>
Dual Completion		<u>Docket No.</u>
Other (SWD or Inj?)		<u>Docket No.</u>

2/19/01 Spud Date 2/26/01 Date Reached TD 2/26/01 Completion DateAPI NO. 15- 179-21105-0000 *Ind*County SheridanApp. - SW - SE - NW Sec. 3 Twp. 10S Rge. 20W E W3100 Feet from SW (circle one) Line of Section1570 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Krannawitter Well # A-2Field Name W C C SouthProducing Formation L K CElevation: Ground 2830 KB 2835Total Depth 4309 PBTD 4307Amount of Surface Pipe Set and Cemented at 219 FeetMultiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 12000 ppm Fluid volume _____ bblsDewatering method used air dryLocation of fluid disposal RECEIVED If hauled offsite:

KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name JUL 6 2001 License No. _____Quarter Sec. _____ Twp. S Rng. _____ E/WCounty CONSERVATION DIVISION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Patrick Wanker
Title Operator Date 7/5/01Subscribed and sworn to before me this 5th day of July,
2001Notary Public Mary Ellen SchreiderDate Commission Expires 9/9/04

F	K.C.C. OFFICE USE ONLY		
<input type="checkbox"/>	Letter of Confidentiality Attached		
<input type="checkbox"/>	Wireline Log Received		
<input type="checkbox"/>	Geologist Report Received		
Distribution			
<input type="checkbox"/>	<u>KCC</u>	<u>SWD/Rep</u>	<u>NGPA</u>
<input type="checkbox"/>	<u>KGS</u>	<u>Plug</u>	<u>Other</u>
(Specify)			



SIDE TWO

Operator Name Nor-West Kansas Oil, L.L.C.Lease Name Krannawitter Well # A-2Sec. 3 Twp. 10S Rge. 29W East

County

Sheridan West

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 more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)

 Yes No Log

Formation (Top), Depth and Datums

 Sample

Samples Sent to Geological Survey

 Yes No

Name

Top

Datum

Cores Taken

 Yes No

Top anhydrite

2432

+403

Electric Log Run
(Submit Copy.) Yes No

Base anhydrite

2465

+370

List All E.Logs Run: R A Guard

DST #1: 4135 - 4165 45-45-45-45

DST #2: 4210-4265 30-30-30-30

Howard

3619

-784

Topeka

3703

-868

Heebner

3921

-1086

Toronto

3946

-1111

LKC

3962

-1127

BKS

4211

-1376

Penn Sand

4220

-1385

Total Depth

4307

1477

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#	219	common	150	Get 3 sacks
							Cloride 5 sacks

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate					
Protect Casing					
Plug Back TD					
Plug Off Zone					

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	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 Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____
