

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 # 4769
Name Cougar Energies
Address R.R. #1 Box 2A
City/State/Zip Phillipsburg, KS 67661

Purchaser FARMLAND INDUSTRIES, INC.
K.C. Mo.

Operator Contact Person Ron Jansonious
Phone 913 543-6232

Contractor: License # 5145
Name Dreiling Oil, Inc.

Wellsite Geologist Todd Dreiling
Phone 913 625-3934

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

If OMWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-25-87 3-1-87 3/27/87
Spud Date Date Reached TD Completion Date
3590' 3572'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 204 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from 1725 feet depth to SURFACE/350 SX cmt
Cement Company Name ALLIED, INC.
Invoice # 49271

API NO. 15-147-20,499-00-00
County Phillips

2310 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

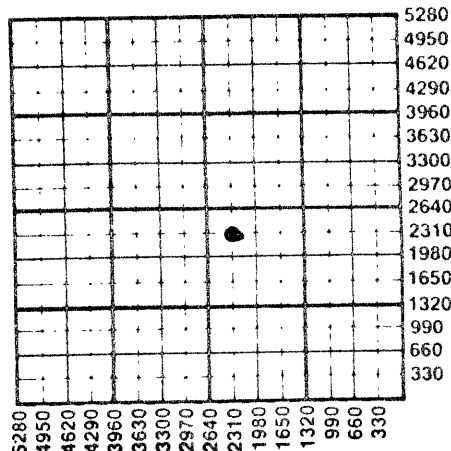
Lease Name O'Neill Well # 1

Field Name HUFFSTUTTER

Producing Formation LANSING-K.S.

Elevation: Ground 2142' KB 2147'

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
Sec Twp Rge East West

Surface Water 200 Ft North from Southeast Corner
(Stream, pond etc) 300 Ft West from Southeast Corner
Sec 22 Twp 1 Rge 18 East West

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 Ronald G. Jansonious
Title PARTNER Date 12/24/87

Subscribed and sworn to before me this 24th day of December 1987
Notary Public Robert E. Kaup

Date Commission Expires October 24, 1991



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep
 KGS Plug
Other (specify)
12-28-87
RECEIVED
DEC 29 1987
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Cougar Energies Lease Name O'Neill Well # 1

Sec. 22 Twp. 1 Rge. 18 East West County Phillips

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
ANHYDRITE	1717	
TOPEKA	3055	
HEEBNER	3284	
TORONTO	3324	
LANSING-KC.	3337	
BKC	3566	
RTD	3590	

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 1/4"	8 5/8"	20	204'	60/40 poz.	140	
Production	7 7/8"	5 1/2"	24	3587'	60/40 poz.	250	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
2	3368-71			500g. 28%		3000g. 15%	
3	3388-92			250g. 28%		3000g. 15%	
3	3416-3419			250g. 28%		1500g. 15%	
3	3460-63			500g. 28%		2000g. 15%	
4	3487-91			500g. 28%		2000g. 15%	
3	3528-31			500g. 28%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
4/6/87		2 1/2	3656				
Producing Method		METHOD OF COMPLETION					
<input type="checkbox"/> Flowing <input checked="" 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	
20 Bbls			MCF	65 Bbls	CFPB	35.0	

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

TELEPHONE:

AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

15-147-20499-00-00

TO: Cougar Energies
RR #1 Box 2A
Phillipsburg, Kansas 67661

INVOICE NO. 49271
PURCHASE ORDER NO. _____
LEASE NAME O'Neil #1
DATE July 21, 1987

SERVICE AND MATERIALS AS FOLLOWS:

Common 200 sks @\$5.00	\$ 1,000.00	
Pozmix 150 sks @\$2.10	315.00	
Gel 18 sks. @\$6.75	121.50	
Chloride 2 sks. @\$20.00	<u>40.00</u>	\$ 1,476.50
Handling 350 sks. @\$0.75	262.50	
Mileage (50) @\$0.02c per sk per mi	350.00	
Squeeze	<u>450.00</u>	1,062.50
		<u>47.81</u>
		S. Tax
		Total
		\$ 2,586.81

Squeezed to 800

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

THANK YOU

All Prices Are Net, Payable 20th of Month Following Date of Invoice. % of 1% Charged Thereafter

RECEIVED
STATE CORPORATION COMMISSION

DEC 8 1987

CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15-147-20499-00-00
 Old

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. N° 795

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-21-87	22	1 ^s	18 ^w	6:00 A.M.	9:00 A.M.	11:30 A.M.	3:30 P.M.
Lease O'Neil	Well No. 1	Location Phillipsburg 13N 1/2NW		County Phillips	State Ks.		

Contractor	Leon's Drilling Service	
Type Job	Squeeze	
Hole Size	7 7/8"	T.D. 3590'
Csg.	5 1/2"	Depth 3587'
Tbg. Size	2 1/2"	Depth
Drill Bit	Drillable Plug	Depth 3000'
Tool	Diamond Back	Depth 1661'
Cement Left in Csg.	25'	Shoe Joint
Press Max.	1250 #	Minimum
Meas Line		Displace

Owner	Same	
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Charge To	Cougar Energies	
Street	R.R. #1 Box 2A	
City	Phillipsburg	State Ks. 67661
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
<i>[Signature]</i>		

Perf. 2 holes at 1725'

EQUIPMENT		
Pumptrk	No 191	Cementer Gary H. Helper Sim S.
Pumptrk	No	Cementer Helper
Bulktrk	#160	Driver Marilyn K.
Bulktrk	#60	Driver Randy P.

CEMENT	
Amount Ordered	300 sks 50/50 per 62 gal
Consisting of	50 sks com 32 c.c.
Common	200 sks @ 5.00/sk. 1000.00
Poz. Mix	150 sks @ 2.10/sk. 315.00
Gel.	18 sks @ 6.75/sk. 121.50
Chloride	2 sks @ 20.00/sk. 40.00
Quickset	
Sales Tax	
Handling	275 @ 1/sk. (350 sks) 262.50
Mileage	202 @ 1/sk. /mi. (50 mi) 350.00
Sub Total	2089.00

DEPTH of Job	
Reference:	#4 Pumptruck-squeeze \$450.00
Sub Total	\$450.00
Tax	
Total	

Floating Equipment *Thanks*
 RECEIVED CORPORATION COMMISSION
 DEC 8 1987

Remarks: set plug is perforated.
 set packer is tested tools @ 1250 #
 perfs is took injection rate of 4 brls. / min @ 750 #
 Mixed cement is squeezed to 800 # Cleared tbg.
 Put 500 # on squeezed & shut in. Cement circulated.

CONSERVATION DIVISION
 Wichita, Kansas