

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 # 7185
Name Luff Exploration Company
Address 1580 Lincoln St., Suite 850
City/State/Zip Denver, CO 80203

Purchaser

Operator Contact Person Richard A. Ferris
Phone (303) 861-2468

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Chris Carrigan
Phone (303) 861-2468

Designate Type of Completion

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

If O.W.I.D.: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

8-24-89 9-02-89 9-02-89
Spud Date Date Reached TD Completion Date

4599' 308.12'
Total Depth PBD

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...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-171-20,381-0000

County Scott

NE NE NE Sec. 11 Twp 18S Rge 31 East X West

4950 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Malone Well # A-11

Field Name Wildcat

Producing Formation

Elevation: Ground 2912' 2917' KB

Section Plat

Table with 10 columns and 10 rows representing a section plat. The top row has an 'X' in the 10th column. The right side of the table lists elevations from 5280 to 330. The bottom side of the table lists elevations from 5280 to 330.

RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
10 OCT 04 1989

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 # T 89-383

Groundwater 4300 Ft North from Southeast Corner
(Well) 3960 Ft West from Southeast Corner of
Scott Sec 2 Twp 18S Rge 31 East X 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 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 Richard A. Ferris

Title Operations Engineering Supervisor Date 10/2/89

Subscribed and sworn to before me this 2nd day of October 1989

Notary Public C. M. Espinosa-Carpenter

Date Commission Expires January 11, 1992

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)

SIDE TWO

Operator Name Luff Exploration Company Lease Name Malone Well # A-11

Sec. 11 Twp. 18S Rge. 31 East West County Scott

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
DST #1 4236'-4255' (Lansing "L") 30-30-30-30 IHP 2193 FFP 31-31 Recovery: 100' drlg mud IFP 10-20 FSIP 829 Sample: 2200 ML mud ISIP 859 FHP 2073 BHT: 112° F	Stone Corral	2200'	2279'
DST #2 4278'-4347' (Marmaton) 30-30-30-30 IHP 2194 FFP 129-117 Recovery: 180' drlg mud IFP 106-106 FSIP 389 Sample: 2200 ML mud ISIP 507 FHP 2147 BHT: 112° F	Krider	2750'	3882'
DST #3 4390'-4466' (Pawnee - Ft. Scott) Misrun - packers did not hold	Heebner	3883'	3926'
DST #4 4370'-4466' (Pawnee - Ft. Scott) Misrun - packers did not hold	Lansing	3927'	
DST #5 4400'-4466' (Pawnee - Ft. Scott) Misrun - packers did not hold	"B"	3945'	3964'
DST #6 4475'-4590' (Cherokee - Johnson Zone) Misrun - packers did not hold	"C"	3965'	3979'
	"D"	3980'	4021'
	"E"	4022'	4117'
	"G"	4118'	4124'
	"H"	4125'	4162'
	"I"	4163'	4186'
	"J"	4187'	4209'
	"K"	4210'	4248'
	"L"	4248'	
	BKL		4306'
	Marmaton	4320'	4418'
	Pawnee	4419'	4453'
	Labette	4454'	4458'
	Ft. Scott	4459'	4480'
	Cherokee	4481'	4551'
	Mississippian	4522'	

CASING RECORD <input type="checkbox"/> New <input 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"	28	308.12'	60/40poz	175	2% gel, 3% cc
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