

plugged  
9-12-87

SIDE ONE

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 # 06113  
Name Landmark Oil Exploration, Inc.  
Address 110 S. Main, Suite 510  
City/State/Zip Wichita, Kansas 67202

Purchaser

Operator Contact Person Jeff Wood  
Phone (316) 265-8181

Contractor: License # 5147  
Name BEREDCO, Inc.

Wellsite Geologist Mark Grommesh  
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 ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

9-05-87 9-13-87 9-13-87  
Spud Date Date Reached TD Completion Date  
4583'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 249 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. 15-101-21-416-0000  
County Lane  
NE SW NE Sec. 21 Twp 17S Rge. 28 East  
West  
3630 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

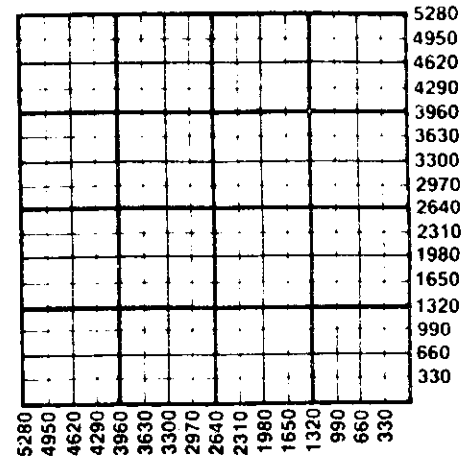
Lease Name Borell "C" Well # 1-21

Field Name Cartmill North

Producing Formation

Elevation: Ground 2761' KB 2766'

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: Hauled  
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. #)

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 Jeffrey R. Wood  
Title President Date 11-6-87

Subscribed and sworn to before me this 6th day of November 1987  
Notary Public Deborah Ann Paulus

Date Commission Expires January 8, 1988

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)

DEBORAH ANN PAULUS  
STATE NOTARY PUBLIC  
Sedgwick County, Kansas  
My Appt. Exp. 1-8-88

11-10-87

Sec. 21 Twp. 17Rge. 28W

SIDE TWO

Operator Name ..... Landmark Oil Exploration, Inc. .... Lease Name..... Borell "C" ..... Well #..... 1-21

Sec..... 21 ..... Twp..... 17-S ..... Rge..... 28 .....  East  West County..... Lane.....

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 4198-4302, 30-45-45-60. Rec. 90' ocm, 180' slocm, 120' wm, scum of oil. FP 63-117/130-191#. SIP 928-918#.

DST #2 4341-4490, 45-45-45-60. Rec. 240' mud w/scum of oil, 630' wm w/scum of oil. FP 53-239/276-372#. SIP 1159-1138#.

DST #3 4556-4580, 30-10. Rec. 5' mud. FP 23-18#. SIP 19#.

Name	Top	Bottom
Anhydrite	2137'	(+629)
Heebner	3940'	(-1174)
Lansing "A"	3977'	(-1211)
Stark	4232'	(-1466)
BKC	4312'	(-1546)
Ft. Scott	4481'	(-1715)
Cherokee Sh	4502'	(-1736)
Johnson Zone	4530'	(-1764)
L.T.D.	4583'	

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		8 5/8"	25#	249'	60/40 ppz	165	3% CC, 2% gel

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	Size	Set At	Packer at	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).....			
	Oil	Gas	Water	Gas-Oil Ratio
Estimated Production Per 24 Hours	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 .....