

NEW ACO-1 FORM

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 # 9730 name The Merlin Corporation address 509 Union Center Wichita, Kansas 67202 City/State/Zip

Operator Contact Person Mike Crouch Phone 316-264-4334

Contractor: license # 6033 name Murfin Drilling Company

Wellsite Geologist Chuck Schmaltz Phone 316-838-1136

PURCHASER

Designate Type of Completion New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable

4-08-86 4-17-86 4-17-86 Spud Date Date Reached TD Completion Date

5120 Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 383 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

API NO. 15-181-20273

County Sherman

C NW NW Sec 10 Twp 6 Rge 38

4620 Ft North from Southeast Corner of Section 4620 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name Park College Well# 1-10

Field Name

Producing Formation

Elevation: Ground 3510 KB 3515

Section Plat

Grid table with elevations from 330 to 5280 on the right side.

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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.

STATE CORPORATION COMMISSION

MAY 16 1986

CONSERVATION DIVISION Wichita, Kansas

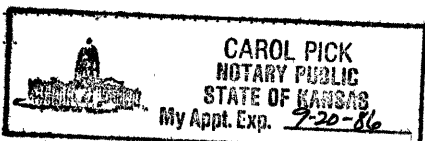
Date 5-12-86

Signature [Handwritten Signature]

Title Owner

Subscribed and sworn to before me this 12th day of May 1986

Notary Public Carol Pick Date Commission Expires 9-20-86



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)

Operator Name ... The Merlin Corporation Lease Name ... Park College # 1-10 SEC. 10. TWP. 6. RGE. 38.  East  West

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: (Top of Lansing) 4335-4470' / 30-45-45-60  
 Rec. 2470' SW. NS. IHP: 2324#, IFP: 211-748.  
 ISIP 1375#. 2nd flow period: 832-1093. FSIP:  
 1354#. FHP: 2282#. No show.

DST #2: (Lower Lansing zones) 4503-4645' / 30-45-45-60.  
 Rec. 80' HOCM, 30% oil, 70% mud. IHP: 2449#,  
 IFP: 127-127, ISIP: 1270#. 2nd flow period:  
 190-201. FSIP: 1281#, FHP: 2387#.

DST #3: (Pawnee) 4715-4764' / 30-45-45-60. IHP: 2512#,  
 IFP: 243-884. ISIP: 1489#. 2nd flow period:  
 989-1281, FSIP: 1479#, FHP: 2460#, Rec. 3290'  
 GSY SW W/TR oil.

DST #4: 4773-4872' / 30-30-15-30. Rec. 25' mud. IHP:  
 2596#, IFP: 95-95, ISIP: 864#, FFP: 105-105,  
 FSIP: 884#, FHP: 2533#.

Name	Top	Bottom
Niobrara	1095	+2420
B/Niobrara	1114	+2401
Anhydrite	3159	+ 356
B/Anhydrite	3198	+ 317
Topeka	4127	- 612
Heebner	4189	- 774
Toronto	4329	- 814
Lansing	4347	- 832
B/Kansas City	4649	-1134
Marmaton	4665	-1150
Pawnee	4741	-1226

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"	24#	383'	60/40 Pox	275	3% CC, .2% Gal.
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		

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION:  open hole  perforation  other (specify)

PRODUCTION INTERVAL:  Dually Completed  Commingled