28-12-16W

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
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Michael L. Crouch
Phone 316-264-4334

Contractor: license # 6033
name Murfin Drilling Company

Wellsite Geologist Roger Welty
Phone 913-674-5835
PURCHASER

Designate Type of Completion
New Well Re-Entry Workover

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

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

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State Geological Survey
WICHITA BRANCH

WELL HISTORY

Drilling Method: X Mud Rotary | | Air Rotary | | Cable

2-8-85 2-14-85 2-15-85
Spud Date Date Reached TD Completion Date

3650'
Total Depth PBTD

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

API NO. 15 - 051-24,144

County Ellis

SW NE NE (location) Sec 28 Twp 12S Rge 16W East West

4290 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

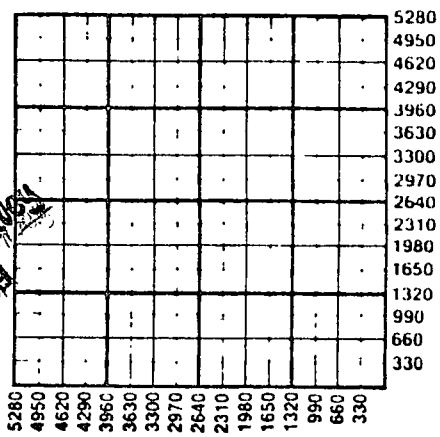
Lease Name Miller Well# 1-28

Field Name

Producing Formation

Elevation: Ground 2102 KB 2107

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

| | Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge | | East | | West

| | Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) 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.

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SIDE TWO

Operator Name ...The Merlin Corporation... Lease Name .Miller.... Well 1-28 Sec .28.. Twp .12S. Rge .16W.... ☐ 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

DST#1-3563-3592' - 30-45-30-90. Recovered 10' mud with show of oil.

DST#2-3587-3607' - 30-45-30-60. Water blow 70'. No blow on second. Recovered 15' heavy oil cut mud

Formation Description
☐ Log ☐ Sample

Name		Top	Bottom
Anhydrite	1260-97	847	-810
Topeka	3029		-922
Heebner	3276		-1169
Toronto	3301		-1194
Lansing	3331		-1224
BKC	3546		-1439
ARB	3586		-1479
LTD	3651		-1544
DTD	3650		-1543

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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		8.5/8"		249'	60-40 pozmix	140	3%cc. 2% gel

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
	N/A		

Pr' and

28-12-16W

WELL LOG X

COMPANY: The Merlin Corporation
509 Union Center
Wichita, Kansas 67202

FARM: Miller NO. #1-28

SEC. 28 T. 12S R. 16W
LOC. SW NE NE

RIG. NO. 8

TOTAL DEPTH 3650'

COMM. 2/7/85 COMP. 2/14/85

COUNTY Ellis
KANSAS

CONTRACTOR: Murfin Drilling Company
250 North Water, Suite 300
Wichita, Kansas 67202

CASING

20 10
15 8-5/8' csg set @ 249' with 140 sxs. 60/40 Poz ELEVATION
12 6 3% CC 2% gel
13 5 PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Dirt & Shale		250'
Shale & Sand		1263'
Anny.		1301'
Shale		1995'
Shale & Lime	(RTD)	3650'

MAY 09 1985
State Geological Survey
WICHITA BRANCH

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STATE CORPORATION COMMISSION
APR 17 1985
CONSERVATION DIVISION
Wichita, Kansas