

25-11-15W

and P1

TYPE



AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt.

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. No Log

LICENSE # 6194

EXPIRATION DATE 6-30-83

OPERATOR ESP DEVELOPMENT INC.

API NO. 15-162-22,193

ADDRESS PARADISE, KANSAS 67658

COUNTY Russell

FIELD Wilcat

** CONTACT PERSON Lewis Hulert
PHONE 913-998-4413

PROD. FORMATION -----

PURCHASER N/A

LEASE Norrill

ADDRESS

WELL NO. #1

WELL LOCATION C-N/2-SE-NE

DRILLING Emphasis Oil Operations

1650 Ft. from North Line and

CONTRACTOR

750 Ft. from East Line of (X)
the NE (Qtr.) SEC 25 TWP 11 RGE 15 (W).

ADDRESS Box 506

Russell, Kansas

PLUGGING Emphasis Oil Operations

CONTRACTOR

ADDRESS Box 506

Russell, Kansas

TOTAL DEPTH 3550'

PBTD -----

SPUD DATE 8-19-83

DATE COMPLETED 8-25-83

ELEV: GR 1876'

DF 1879'

KB 1881'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING
USED TO DISPOSE OF WATER FROM THIS LEASE N/A.

Amount of surface pipe set and cemented 242' DV Tool Used? None.

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, (Dry), Disposal, Injection, Temporarily Abandoned, OWWO. Other.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

WELL PLAT

(Office Use Only)

	25		

KCC
KGS

SWD/REP
PLG.

A F F I D A V I T

LEWIS HULERT

, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Lewis Hulert

State Geological Survey
WICHITA BRANCH

81445

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR ESP DEVELOPMENT INC.LEASE NORRILLSEC. 25 TWP. 11 RGE. 15

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
Topsoil & Sand & Postrock	0	30	Topeka	2764 (-883)
Postrock, Sand & shale	30	248	Heebner	3014 (-1133)
Shale, Clay & Pyrite	248	515	Toronto	3036 (-1151)
Shale & Sand	515	976	Lansing	3067 (-1186)
Anhydrite	976	1009	Base K.C.	3332 (-1451)
Shale	1009	2225	Conglomerate	3361 (-1480)
Shale & Lime	2225	2445	Arbuckle	3471 (-1590)
Shale	2445	2855	R.T.D.	3350 (-1665)
Lime & Shale	2855	3110		
LIME	3110	3550		
R A GUARD LOG (copy Encl.)				
DST #1 LANSING 3108-3120' Misrun				
DST #2 Lansing 3084-3120' Misrun				
If additional space is needed use Page 2, Side 2				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 $\frac{1}{4}$	8 $\frac{5}{8}$	new 28 lb	242	Common	150	$\frac{3}{4}$ Ca Cl $\frac{1}{4}$ Gal

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size	Setting depth	Packer set at			

DAVID P. WILLIAMS

25-11-15W

Petroleum Consulting Geologists

P.O. Box 576
1105 Main, Suite B

Great Bend, Kansas 67530

Office Ph. (316) 792-5020
Mobile Ph. (316) 792-1066

August 30, 1983

E.S.P. Development, Inc.
R.R.
Paradise, Kansas 67658

Re: MORRILL #1
C-N/2-SE-NE
S.25-T.11S-R.15W
Russell County, Kansas

State Geological Survey
WICHITA BRANCH

Gentlemen:

The above captioned well was drilled via rotary tools commencing on 8-19-83 to a rotary depth of 3550' (-1665' subsea datum) and completed drilling operations on 8-25-83. The following is the Geological Report for this well.

OPERATOR:	E.S.P. Development, Inc.
CONTRACTOR:	Emphasis Drilling Rig #5
ELEVATIONS:	1881' K.B. 1879' D.F. 1876' G.L.
DEPTH MEASURED FROM:	1881' K.B.
GEOLOGIC SUPERVISION FROM:	2400' to R.T.D.
DRILLING TIME KEPT FROM:	2400' to R.T.D.
SAMPLES KEPT FROM:	2400' to R.T.D.
DRILL STEM TESTS:	(2) Cheney Testing
ELECTRIC LOGS RUN:	Great Guns: Radiation Guard Log with Caliper

STRUCTURAL COMPARISONS TO NEARBY TESTS

<u>FORMATION</u>	<u>Petro-Pak</u> <u>#1 HARPER</u> C-W/2-W/2-NE S.24-T.11S-R.15W	<u>E.S.P. Dev.</u> <u>MORRILL #1</u> S-N/2-SE-NE S.25-T.11S-R.15W	<u>Fleming & Woodman</u> <u>#1 HARTMAN</u> NE-NE-SE S.25-T.11S-R.15W
ANHYDRITE	+904'	+907'	+918'
TARKIO	-660'	-665'	-NC-
TOPEKA	-876'	-883'	-NC-
HEEBNER	-1124'	-1133'	-1130'
TORONTO	-1146'	-1155'	-NC-
LANSING	-1179'	-1186'	-1185'
BASE K.C.	-1443'	-1451'	-NC-
CONGLOMERATE	-1472'	-1480'	-1500'
ARBUCKLE	-1600'	-1590'	-1543'

DRILL STEM TESTS

DST #1	LANSING	3108-3120'	Misrun
DST #2	LANSING	3084-3120'	Misrun

RECEIVED
STATE CORPORATION COMMISSION
DEC 6 1983

CONSERVATION DIVISION
Wichita, Kansas

25-11-15

Note: Geological Survey
 MICHAEL BRANCH

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
LANSING	3114-3118'	Limestone; tan, oolitic, fair to good oomoldic \emptyset , trace of fair leached vugular \emptyset , fair fluorescence, fair odor, no show of free oil, show of oil when cut with acid, questionable poor permeability, fair saturated and spotted staining.
3114'	$\emptyset=17\%$ Rt=50 Ohms	M=2.5 Rw=.05 Sw=28%
3116'	$\emptyset=25\%$ Rt=15 Ohms	M=2.5 Rw=.05 Sw=33%
3118'	$\emptyset=22\%$ Rt=40 Ohms	M=2.5 Rw=.05 Sw=25%
LANSING	3243'	Limestone; brown, tan, fine crystalline, fair pinpoint and trace of leached vugular \emptyset , very slight show of free oil, show of oil when acid cut, no odor, faint fluorescence around edges, moderate saturation, fair staining.
3243'	$\emptyset=27\%$ Rt=6 Ohms	M=2.0 Rw=.05 Sw=35%
LANSING	3106'	Limestone; tan, white, fine crystalline to chalky, no visible \emptyset , "barren", no odor, poor mineral fluorescence, good acid cut, no staining, no show of free oil.
3106'	$\emptyset=13\%$ Rt=70 Ohms	M=2.5 Rw=.05 Sw=36%
LANSING	3210'	Limestone; white, tan, fine crystalline to chalky, no visible \emptyset , no odor, poor mineral fluorescence, no show of free oil, no staining.
3210'	$\emptyset=18\%$ Rt=15 Ohms	M=2.5 Rw=.05 Sw=49%

SUMMARY

Structurally, the MORRILL #1 ran high on the Arbuckle horizon, but low on the Lansing-Kansas City horizon to the #1 HARPER, C-W/2-W/2-NE, S.24-T.11S-R.15W, which was dry and abandoned. The Lansing-Kansas City Formation contains some zones with oolitic porosity development. If higher structural position could be obtained, sufficient porosity development could occur for another test site within the area. Therefore, in view of poor visible sample show and marginal electric log calculations, it was recommended by the operator to plug the MORRILL #1, C-N/2-SE-NE, S.25, T.11S, R.15W, Russell County, Kansas, as dry and abandoned.

Respectfully submitted:
Steven R. Mitchell
 Steven R. Mitchell