

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If nonconfidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).  
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR ARK Energy, Inc.

API NO. 15-133-23,261

ADDRESS Box 7

COUNTY Neosho

Elsmore, Ks. 66732

FIELD \_\_\_\_\_

\*\*CONTACT PERSON Cliff Sperry

PROD. FORMATION Bartlesville

PHONE (316) 754-3247

LEASE Harry M. Lindberg

PURCHASER Square Deal Oil Co.

WELL NO. 4

ADDRESS Chanute, Ks. 66720

WELL LOCATION NE/4

DRILLING Drill Energy, Inc.

495 Ft. from WEST Line and

CONTRACTOR \_\_\_\_\_

495 Ft. from SOUTH Line of

ADDRESS Chanute, Ks. 66720

the 8 SEC. 27 TWP. 20 RGE. E

PLUGGING \_\_\_\_\_

WELL PLAT

NE/4

CONTRACTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

KCC ☒  
KGS ☒  
(Office Use)

AL DEPTH 850 PBDT \_\_\_\_\_

SPUD DATE 2/2/82 DATE COMPLETED 4/1/82

RECEIVED  
STATE CORPORATION COMMISSION

ELEV: GR \_\_\_\_\_ DF \_\_\_\_\_ KB \_\_\_\_\_

JUN - 8 1982

ELLED WITH (CABLE) (ROTARY) (AIR) TOOLS

CONSERVATION DIVISION  
Wichita, Kansas

Amount of surface pipe set and cemented 61 DV Tool Used? \_\_\_\_\_

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                                         |                         | Depth interval treated                                             |                                       |
|--------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------|---------------------------------------|
| 100# gel, 5 gal AY15, 2 sx rock salt, 10 sx 12-30 sand, 40 sx 10-20 sand |                         | 746-756                                                            |                                       |
| Date of first production <u>4/1/82</u>                                   |                         | Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u> |                                       |
| Gravity                                                                  |                         |                                                                    |                                       |
| RATE OF PRODUCTION PER 24 HOURS                                          | Oil <u>&lt; 1</u> bbls. | Gas <u>&gt; 95</u> % MCF                                           | Gas-oil ratio <u>_____</u> bbls. CFPB |
| Disposition of gas (vented, used on lease or sold)                       |                         | Perforations                                                       |                                       |

804-72-8  
SIDE TWO

8-27-20e

# WELL LOG

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

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

JUL

## FORMATION DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

NAME

DEPTH

Overlay

0-13

Sandstone

13-15

Limy Shale

15-20

Limestone

20-46

Shale, gray

46-48

Limy Shale, gray

48-50

Shale, gray & Limy

50-65

Shale, black

65-67

Limestone

67-75

Shale, dark

75-76

Sandy Shale, gray

76-89

Limestone

89-120

Shale, dark

120-122

Shale, black

122-123

Limy Shale

123-165

Sandy Shale, gray

165-167

Shale, gray

167-265

Shale, gray & Clay

265-268

## 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           |                   | 7½                        |                | 61            | Portland A  | 9     | 3% gel                     |
| Production        |                   | 2 7/8                     | 6.5            | 795           | "           | 136   | "                          |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type          | Depth interval |
|----------|---------------|---------------|---------------|----------------------|----------------|
|          |               |               | 2             | 2 1/8 Alum & Ceramic | 746-756        |
| Size     | Setting depth | Pecker set at |               |                      |                |

\*\*The person who can be reached by phone regarding any questions concerning this well log.

|                     |     |         |                         |
|---------------------|-----|---------|-------------------------|
| Limestone           | p.2 | 268-275 | 8-27-20e                |
| Sandy Shale, gray   |     | 275-276 | H.M. LINDBERG #4        |
| Shale, gray         |     | 276-302 | ARK ENERGY              |
| JUL Shale, black    |     | 302-303 |                         |
| Limestone           |     | 303-308 |                         |
| Shale, gray         |     | 308-325 |                         |
| Limestone           |     | 325-330 |                         |
| Shale, green        |     | 330-332 |                         |
| Limy Shale          |     | 332-342 |                         |
| Shale, green        |     | 342-354 |                         |
| Shale, green & red  |     | 354-355 |                         |
| Shale, gray         |     | 355-362 |                         |
| Sandy Shale         |     | 362-375 |                         |
| Shale, gray         |     | 375-428 |                         |
| Limestone           |     | 428-430 | State Geological Survey |
| Coal                |     | 430-432 | WICHITA, BRANCH         |
| Shale, gray         |     | 432-435 |                         |
| Limy Shale          |     | 435-448 |                         |
| Shaly Sand          |     | 448-451 |                         |
| Limy Shale          |     | 451-453 |                         |
| Shale, gray         |     | 453-458 |                         |
| Shale, black & Coal |     | 458-461 |                         |
| Shale, dark         |     | 461-479 |                         |
| Shale, gray & Clay  |     | 479-485 |                         |
| Sandy Shale         |     | 485-496 |                         |
| Coal                |     | 496-499 |                         |
| Limy Shale          |     | 499-513 |                         |
| Shale, gray         |     | 513-530 |                         |
| Sandy Shale         |     | 530-540 |                         |
| Sand (oil show)     |     | 540-541 |                         |

Sandy Shale

Shale, gray

Limestone

Shale, gray

Limestone

Limestone & Shale, gray

Shale, gray

Limestone & Shale, gray

Shale, gray

Sand & Limestone

Shale, gray

Limestone & Sandy Shale

Sandy Shale

Shale, gray & Limestone

Shale, gray

Sand

Sand (oil show)

Sandy Shale

Shale, gray

Shaly Sand (odor)

Shale

Sand (little odor  
& show)

Sandy Shale

Shale, gray w/little  
sand w/very little  
show or odor)

541-575

575-595

595-596

596-630

630-631

631-632

632-633

633-635

635-662

662-665

665-675

675-680

680-715

715-720

720-726

726-731

731-734

734-743

743-747

747-758

758-776

776-785

785-835

835-850

T. D. AT 850'

8-27-20e

State Geological Survey  
WICHITA, BRANCH