

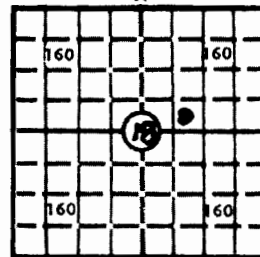
KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGState Geological Survey  
WICHITA BRANCHAPI No. 15 — 007 — 21,144  
County Number

S. 18 T. 33 R. 10W

Loc. 150' N and 100' E SE SW NE

County Barber

640 Acres  
N

Locate well correctly

Elev.: Gr. 1614

DF 1619 KB 1622

Operator

Kansas Oil Corporation

Address

250 N. Rock Road, Suite 300, Wichita, KS 67208

Well No.

#1-A

Lease Name

Stewart

Footage Location

2160

feet from (N) XX line

1550

feet from (E) (XX) line

Principal Contractor

Spartan Drilling

Geologist

Robert L. Laymon

Spud Date

4/4/81

Date Completed

4/24/81

Total Depth

4710

P.B.T.D.

Directional Deviation

No

Oil and/or Gas Purchaser

Peoples

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| 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           |                   | 8 5/8                     |                 | 374           | common      | 300   | 2%gel 3% CaCl              |
| Production        |                   | 4 1/2"                    |                 | 4513          | 60-40posmix | 150   | 10%CaCl+gilsonite          |
|                   |                   |                           |                 |               |             |       |                            |
|                   |                   |                           |                 |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
|               |               |               | 2             |             | 4436-39        |
| TUBING RECORD |               |               |               |             |                |
| Size          | Setting depth | Packer set at |               |             |                |

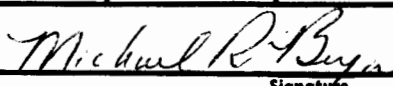
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

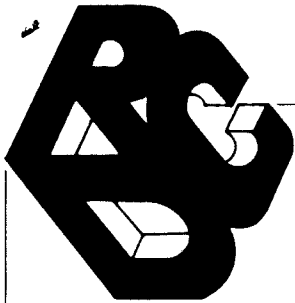
| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  | 4436-39                |
|                                  |                        |
|                                  |                        |

## INITIAL PRODUCTION

|                                                    |                                                     |         |                        |               |  |
|----------------------------------------------------|-----------------------------------------------------|---------|------------------------|---------------|--|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |         |                        |               |  |
| 9-15-81                                            | Flowing                                             |         |                        |               |  |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil                                                 | Gas     | Water                  | Gas-oil ratio |  |
|                                                    | bbls.                                               | 250 MCF | bbls.                  | CFPB          |  |
| Disposition of gas (vented, used on lease or sold) |                                                     |         | Producing interval (s) |               |  |
| sold                                               |                                                     |         | 4436-39                |               |  |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note the 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------|
| Operator<br>Kansas Oil Corporation                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                        | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:          |      |
| Well No.<br>#1-A                                                                                                                                                                                                                                                             | Lease Name<br>Stewart                                                                                                                                                                                                                                                                                                                                  | Gas                                                                  |      |
| S 18 T 33 R 10 W                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| <b>WELL LOG</b><br>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 |
| Lansing A<br>Lansing B<br>Pawnee<br>Ft. Scott<br>Miss.                                                                                                                                                                                                                       | 4230<br>4282<br>4573<br>4603<br>4644                                                                                                                                                                                                                                                                                                                   |                                                                      |      |
| DST#1, 4427-50, 30-60-45-90, 1st open: GTS 18", GA 51.6 MCFG and stab. 2nd open GA 141 MCFG, immediately, 77.5 MCFG/5", 57.7 MCFG/15", and stab, Rec. 120' GCM, Ihp 2225 psi., IFP 52-52 psi., ISIP 1657 psi., FFP 63-63 psi., FSIP 1657 psi., FHP 2204 psi., and BHT 120°F. |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| DST#2, 4550-4580, 30-60-30-60, no GTS, Rec. 10' M, IHP 2310 psi., IFP 52-42 psi., ISIP 296 psi., FFP 52-52 psi., FSIP 264 psi., FHP 2289 psi., and BHT 120°F.                                                                                                                |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| DST#3, 4647-4660, 30-60-30-60, Rec. 30' drlg mud, IHP 2278 psi., IFP 42-42 psi., ISIP 1018 psi., FFP 42-42 psi., FSIP 1050 psi., FHP 2257 psi., and BHT 121°F.                                                                                                               |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| DST#4, 4658-4710, 30-60-30-60, Rec. 90' SCCM, IHP 2289 psi., IFP 73-73 psi., ISIP 190 psi., FFP 84-84 psi., FSIP 158 psi., FHP 2267 psi., and BHT 121°F.                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                        |                                                                      |      |
| Date Received                                                                                                                                                                                                                                                                | <div style="text-align: center;"> <br/>           Signature         </div> <div style="text-align: center;">           Michael R. Bryan<br/>           Title         </div> <div style="text-align: center;">           5/20/81<br/>           Date         </div> |                                                                      |      |



18-33-10W  
State Geologist Survey  
WICHITA BRANCH

## REACH DRILLING CORPORATION

April 17, 1981

RE: Stewart A #1  
SE/SW/NE  
Sec. 18-T33S-R10W  
Barber County

RATOR: Kansas Oil Corporation  
CONTRACTOR: Reach Drilling Corporation  
DRILLING DATES: April 4 thru April 16, 1981  
Surface Pipe 382' 12 1/4" w/ 275 3% cc 2% Gel

|      |      |              |
|------|------|--------------|
| 0    | 403  | Sand & Shale |
| 403  | 2563 | Shale        |
| 2563 | 2736 | Lime & Shale |
| 2736 | 3075 | Lime - Shale |
| 3075 | 4223 | Lime & Shale |
| 4223 | 4357 | Shale & Lime |
| 4357 | 4690 | Lime & Shale |
| 4690 | 4710 | Shale & Lime |

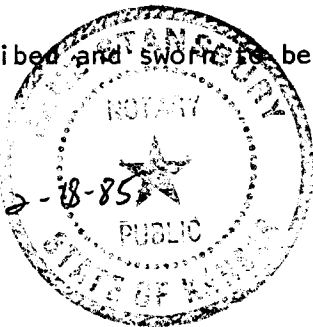
We certify that the above and foregoing is a true and correct copy of the log on the Stewart A #1 in Barber County, Kansas.

REACH DRILLING CORPORATION

*Floyd C. Wilson*

Floyd C. Wilson  
President

Subscribed and sworn to before me this 17th day of April, 1981.



*Jane Stansbury*  
Notary Public