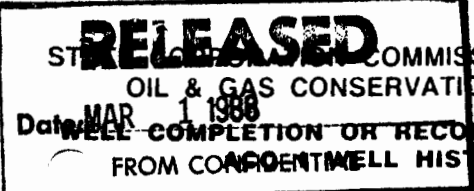


15-14-20E2/23188



STATE COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

DATE: MAR 1 1988 WELL COMPLETION OR RECOMPLETION FORM FROM CONFIDENTIAL WELL HISTORY

API NO. 15-045-20,969

County Douglas



NE SE NW Sec 13 Twp 14 Rge 20 X East West (location)

DESCRIPTION OF WELL AND LEASE

Operator: license # 7880 name Kansas Oil Properties, Inc. address R. R. #3, Box 189A City State Zip Baldwin City, KS 66006

3465 Ft North from Southeast Corner of Section 2805 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name Shephard Well# 3

Operator Contact Person Robert Schachtner Phone 913-594-3534 or 913-594-2413

Field Name In-field

Contractor: license # 5666 name Finch's Drilling, Inc.

Producing Formation First Squirrel

Elevation: Ground KB

Wellsite Geologist none Phone PURCHASER Inland Purchasing & Transportation Co.

MAR 24 1988

Section Plat

Designate Type of Completion X New Well Re-Entry Workover

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

KANSAS REAL ESTATE SURVEY WICHTA BRANCH

CONFIDENTIAL

Section Plat grid with elevations 5280 to 330 on both axes

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

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable 12/22/86 12/23/86 2/13/87 Spud Date Date Reached TD Completion Date 804' Total Depth PBDT Amount of Surface Pipe Set and Cemented at 40.40' feet Multiple Stage Cementing Collar Used? X No

WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # Groundwater Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner of Sec Twp Rge East West

Table with 5 columns: Oil (5.0 Bbls), Gas (MCF), Water (.2% Bbls), Gas-Oil Ratio (CFPB), Gravity (27.0)

METHOD OF COMPLETION: X vented, open hole, perforation, other (specify) PRODUCTION INTERVAL: Dually Completed, Commingled

Operator Name Kansas Oil Properties, Inc. Lease Name Shephard Well# 3 SEC 13 TWP. 14 RGE. 20
 1 728-744' 100bb Frac. Oil 728-744'

East
 West

TUBING RECORD size set at packer at Liner Run Yes No
 Date of First Production Producing method flowing pumping gas lift Other (explain)

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

| | | | Name | Top | Bottom | |
|----------------|------|------|--------|--------|--------|--------|
| Topsoil & Clay | 0' | 30' | Shale | 690' | 694' | White, |
| Shale | 30' | 62' | | | | Sandy |
| Lime | 62' | 91' | Sand | 694' | 698' | Herd, |
| Shale | 91' | 98' | | | | Brown |
| Lime | 98' | 106' | Sand | 698' | 702' | Brown |
| Shale | 106' | 113' | Sand | 702' | 706' | Brown |
| Lime | 113' | 131' | Sand | 706' | 710' | Shaley |
| Shale | 131' | 170' | Sand | 710' | 714' | |
| Lime | 170' | 188' | Sand | 714' | 718' | Smell |
| Shale | 188' | 246' | Sand | 718' | 721' | Smell |
| Lime | 246' | 276' | Sand | 721' | 724' | good |
| Shale | 276' | 295' | | | | smell |
| Lime | 295' | 301' | Sand | 724' | 725' | Good |
| Shale | 301' | 333' | | | | Show |
| Lime | 333' | 341' | Sand | 725' | 745' | Cored, |
| Shale | 341' | 352' | | | | Gppd |
| Lime | 352' | 379' | Sand | 745' | 753.5' | Cored |
| Shale | 379' | 387' | | | | od |
| Lime | 387' | 407' | Shale | 753.5' | 756' | |
| Shale | 407' | 413' | Shale | 756' | 804' | I.D. |
| Lime | 413' | 425' | Hertha | | | |
| Shale | 425' | 581' | | | | |
| Lime | 581' | 586' | | | | |
| Shale | 586' | 590' | | | | |
| Lime | 590' | 595' | | | | |
| Shale | 595' | 601' | | | | |
| Lime | 601' | 607' | | | | |
| Shale | 607' | 626' | | | | |
| Lime | 626' | 629' | | | | |
| Shale | 629' | 658' | | | | |
| Lime | 658' | 659' | | | | |
| Shale | 659' | 667' | | | | |
| Lime | 667' | 673' | | | | |
| Shale | 673' | 690' | | | | |

CONFIDENTIAL

| CASING RECORD <input checked="" 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 completion | 9 1/4" | 6 1/8" | | 40.40' | portland | 15-16 | 2% gel |
| | 5 5/8" | 2 7/8" | | 791.20' | portland | 65 | 2% gel |

| PERFORATION RECORD | | Acid, Fracture, Shot, Cement Squeeze Record | |
|---------------------------|---|--|-------|
| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
| | | | |