

2/23/88

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

RELEASED
1988

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
FROM CONFIDENTIAL
DESCRIPTION OF WELL AND LEASE

API NO. 15 - 045-20,972

County Douglas

SE NE NW - KCC Record
App. C SW NE (location) Sec 13 Twp 14 Rge 20



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

4125 FSL: 3465 Ft North from Southeast Corner of Section
2805 FEL 1815 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Shephard II Well# 6

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

Field Name In-field

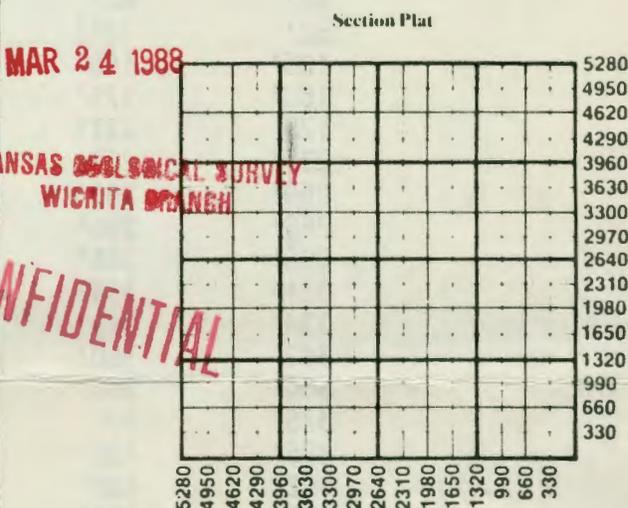
Contractor: license # 6913
name Casady Drilling

Producing Formation First Squirrel

Wellsite Geologist none
Phone
PURCHASER Inland Purchasing & Transportation Co.

Elevation: Ground KB

Designate Type of Completion
 New Well Re-Entry Workover
 Oil Gas Dry
 SWD Inj Other (Core, Water Supply etc.)
 Temp Abd Delayed Comp.



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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
12/18/86 12/23/86 2/13/87
Spud Date Date Reached TD Completion Date

820'
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 40' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

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)

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|------|-----|-------|---------------|---------|
| 5.0 | Bbls | MCF | .2% | Bbls | 27.0 |
| | | | | CFPB | |

Method of Completion: vented open hole perforation sold other (specify) used on lease
Production Interval: Dually Completed. Commingled

Operator Name Kansas Oil Properties, Inc. Lease Name Shephard II Well# 6 SEC 13 TWP 14 RGE 20 East West

UBING RECORD size set at packer at Liner Run Yes No

ate 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 |
|-------------|------|------|------------|------|-------------|
| Soil | 0' | 20' | Lime | 615' | 616' |
| Shale | 20' | 57' | Shale | 616' | 674' |
| Lime | 57' | 59' | Lime | 674' | 675' |
| Shale | 59' | 62' | Sand Brkn | 675' | 680' gas |
| Lime | 62' | 82' | Sand gas | 680' | 692'w/oilst |
| Shale | 82' | 125' | Lime | 692' | 693' |
| Shale Gray | 125' | 160' | Sand oil | 693' | 695' |
| Lime | 160' | 175' | Lime | 695' | 696' |
| Shale | 175' | 237' | Sand Oil | 696' | 698' |
| Lime | 237' | 269' | Sandy Lime | 698' | 702' |
| Shale | 269' | 285' | Shale | 702' | 704' |
| Lime | 285' | 295' | Sand Oil | 704' | 710' |
| Shale | 295' | 324' | Sand gas | 710' | 717' |
| Lime | 324' | 334' | Sand Oil | 717' | 745' |
| Shale | 334' | 342' | Sand Dark | 745' | 751' |
| Lime | 342' | 360' | Shale | 751' | 820' T.O. |
| Shale | 360' | 375' | | | |
| Lime | 375' | 395' | | | |
| Slate | 395' | 402' | | | |
| Lime | 402' | 407' | | | |
| Shale | 407' | 410' | | | |
| Lime | 410' | 415' | Hertha | | |
| Sand Light | 415' | 422' | Green | | |
| Shale | 422' | 540' | | | |
| Lime | 540' | 541' | | | |
| Red Bed | 541' | 548' | | | |
| Sandy Shale | 548' | 550' | | | |
| Sand Gas | 550' | 557' | | | |
| Shale Green | 557' | 570' | | | |
| Lime | 570' | 574' | | | |
| Shale | 574' | 577' | | | |
| Lime | 577' | 580' | | | |
| Shale | 580' | 615' | | | |

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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 completion | 9 1/4" | 6 1/4" | | 40' | portland | 15-16 | 2% gel |
| | 5 1/4" | 2 7/8" | | 802.5' | portland | 65 | 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