

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 7105
name Spines Exploration, Inc.
address 525 Fourth Financial Center
City/State/Zip Wichita, Kansas 67202

Operator Contact Person C. T. Spines
Phone 316-264-2808

Contractor: license # 5380
name Eagle Drilling, Inc.

Wellsite Geologist Ralph White
Phone 685-3296

PURCHASER N/A

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-3-85 10-11-85 10-13-85
Spud Date Date Reached TD Completion Date
5000
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 605' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-097-21,187-0000
County KIOWA
C. SE NW Sec 13 Twp 28S Rge 20W
(location)
3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

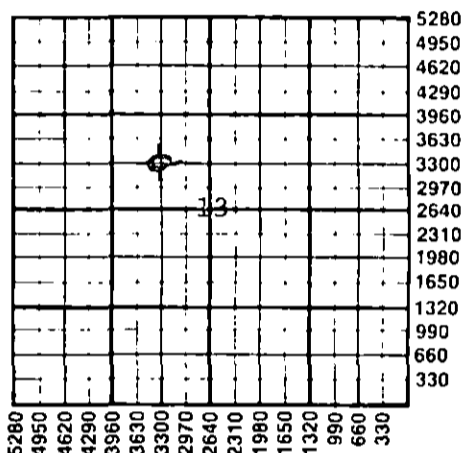
Lease Name RALSTIN Well# 1-13

Field Name W/C

Producing Formation N/A

Elevation: Ground 2292GR KB 2305KB

Section Plat



WATER SUPPLY INFORMATION

Source of Water: WATER HAULED BY CHEYENNE OIL SERVICE
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner of (Well) Ft West From Southeast Corner
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner of (Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

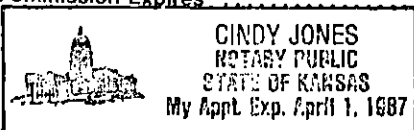
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature C. T. Spines
Title G. T. Spines, President Date 10-22-85

Subscribed and sworn to before me this 22nd day of October 19 85

Notary Public Cindy Jones
Date Commission Expires



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

10-23-1985 RECEIVED(7-84)
STATE CORPORATION COMMISSION

OCT 23 1985

Operator Name Spines Exploratin, Inc. Lease Name Ralstin Well# 1-13 SEC 13 TWP. 28S RGE. 20 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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

Formation Description
 Log Sample

| | | |
|------|------|----------------------|
| 0 | 616 | Soil |
| 616 | 850 | Redbed |
| 2200 | 2480 | Shale, Shells & Lime |
| 3075 | 3340 | Shale & Lime |
| 3710 | 3990 | Shale & Lime |
| 4430 | 4600 | Lime & Shale |
| 4880 | 4910 | Lime & Shale |

| Name | Top | Bottom |
|----------|------|--------|
| Heebner | 4128 | -1823 |
| Brown | 4284 | -1979 |
| Lansing | 4292 | -1987 |
| Stark | 4563 | -2258 |
| BKC | 4692 | -2387 |
| Cherokee | 4832 | -2527 |
| Miss. | 4894 | -2589 |
| TD | 5000 | |

DST #1 4883-4910 Recovered 15' Oil specked mud.
 IHP 2315#
 IFP 40-40# Open 30 min.
 ICIP 99# Shut 60 min.
 FFP 40-40# Open 45 min.
 FCIP 89# Shut 90 min.
 FHP 2325#
 BHT 119 deg. F

DST #2 4902-4930 Recovered 15' of slightly oil cut mud.
 IHP 2384#
 IFP 30-40# Open 30 min.
 ICIP 1184# Shut 60 min.
 FFP 50-50# Open 30 min.
 FCIP 139# Shut 30 min.
 FHP 2364#
 BHT 119 deg. F

CONFIDENTIAL

RELEASED

FEB 16 1987

FROM CONFIDENTIAL

| CASING RECORD <input 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 | 7-7/8 | 8-5/8 | 24# | 605' | Light Common | 300 100 | 3% CC 3% CC; 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 |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date of First Production | | Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | | Gravity | |
| | Bbls | MCF | Bbls | CFPB | | | |

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify) _____

Dually Completed. Commingled

PRODUCTION INTERVAL _____