

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 # 4969
name Barnes Hugoton Corporation
address 370 17th Street, Suite 3200
City/State/Zip Denver, CO, 80202

Operator Contact Person Layle L. Robb
Phone (303) 629-1447

Contractor: license # 5147
name BEREDCO INC.

Wellsite Geologist Soli Shapurji
Phone (303) 629-1447

PURCHASER

Designate Type of Completion

New Well Re-Entry

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

11/11/88 11/23/88
Spud Date Date Reached TD Completion Date
5620' 5582'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1630 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 2960' KB feet

If alternate 2 completion, cement circulated
from 2960 feet depth to 1600' w/ 550 SX cmt

API NO. 15 -129-20,945

County Morton

C SE SW Sec 17 Twp 32S Rge 40W West

660 Ft North from Southeast Corner of Section
3275 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

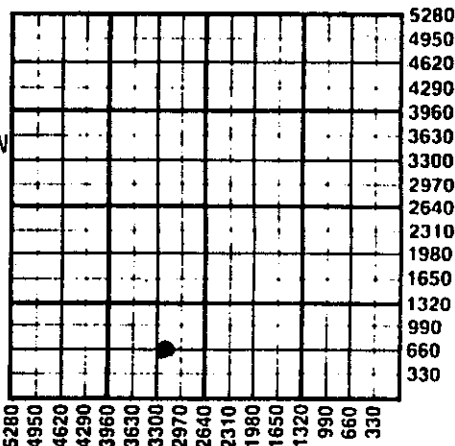
Lease Name HUTTON Well# 1-17

Field Name Richfield

Producing Formation Morrow

Elevation: Ground 3332 KB 3347

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T88-554

600 Ft North From Southeast Corner and
3275 Ft. West From Southeast Corner of
Sec 17 Twp 32S Rge 40W 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)
(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 Layle L. Robb
Title Operations Manager Date 1-13-89

Subscribed and sworn to before me this 13th day of January 19 89
Notary Public
Date Commission Expires 3-9-89

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)
1-17-89

SIDE TWO

Operator Name Barnes Hugoton Corp. Lease Name HUTTON Well# 1-17 SEC. 17 TWP. 32S 40W East West

RELEASED

WELL LOG

MAR 07 1990

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

DST #1 @ 5020' - 73', 30"-60"-30"-60", rec. 15' mud, IHP 2393#, IFP 31-31#, ISIP 62#, FFP 31-31#, FSIP 52#, FHP 2363#.

| Name | Top | Bottom |
|------------------|------|--------|
| Anhydrite | 1600 | |
| Heebner | 3647 | |
| Toronto | 3662 | |
| Lansing | 3754 | |
| Base Kansas City | 4260 | |
| Marmaton | 4326 | |
| Atoka | 4766 | |
| Morrow | 5006 | |

DST #2 @ 5370' - 5418', 30"-60"-60"-120", GTS 30 min into FSI @ 20.7 MCFD. rec. 2600' gassy muddy SW. IHP 2602#, IFP 539#- 1030#, ISIP 1120#, FFP 1060 - 1120#, FSIP 1261#, FHP 2513#.

DST #3 @ 5370' - 5468', 30"-60"-60"-120", rec 150' mud, IHP 2708#, IFP 1111-1491#, ISIP 1511#, FFP 1552-1511#, FSIP 1491#, FHP 2537#, BHT 126°F.

1/4# flocele, .5% gilsonite.

| 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 | | 8-5/8" | 24 | 1630 | Prem plus | lite 575 | 2% cc. 1/4# |
| flocele | Tail.w/150 | sk... Premium | plus... 2% | cc..... | | | |
| Production | | 4-1/2" | 10.5 | 5620 | 50/50 Poz | 550 | 2% gel, 12.5# |
| gilsonite | 3% KCL, 4% | Halaid. 322 | Tail.w/ | 500.sk. | Premium plus, | 4% Halaid | 4, 1/10% CFR2. |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| shots per foot | specify footage of each interval perforated | | | (amount and kind of material used) | | | Depth |
| 2 | 5503' - 07' (abandoned) | | | 500 gals. 7-1/2 FE | | | 5503' - 07' |
| 4 | 5432' - 47' | | | 1500 gals. 7-1/2 FE | | | 5432' - 47' |
| TUBING RECORD size 2-3/8 set at 5319' KB packer at 5306' KB | | | | | | | |
| Liner Run <input type="checkbox"/> Yes <input checked="" 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
 5432' - 47'