

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 # 6563
Name Double "B" Oil, Inc.
Address 300 W. Douglas, Suite 320
City/State/Zip Wichita, KS 67202

Purchaser

Operator Contact Person Leland E. Brack
Phone (316) 264-2891

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist HARLAN DIXON
Phone 262-3928

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..11-7-86.. ..11-15-86.. ..11-15-86..
Spud Date Date Reached TD Completion Date
..3870'.. ..
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1213' 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
Cement Company Name RJ-TITAN SERVICES CO.
Invoice # VT060

API NO. 15-15-165-21-364-0000
County Rush
SW SE NW Sec. 20 Twp. 19 Rge. 16 East
5280 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

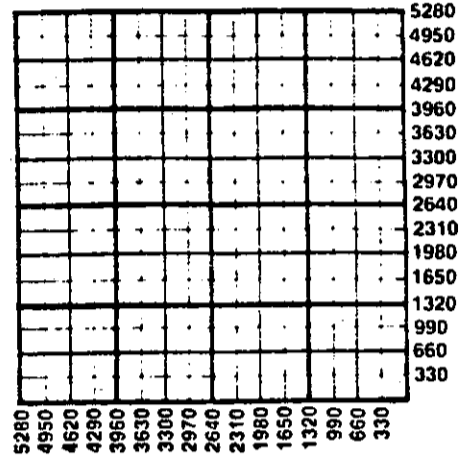
Lease Name Lester Hagerman Well # 1

Field Name

Producing Formation

Elevation: Ground 2092' KB 2097'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec 20 Twp 18S Rge 16 East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

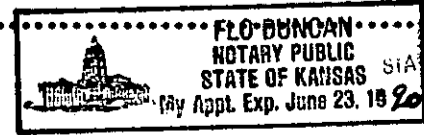
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Leland E. Brack
Title President Date 12/19/86

Subscribed and sworn to before me this 20th day of December 1986

Notary Public Flo Annan

Date Commission Expires



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

DEC 22 1986
CONSERVATION DIVISION
Wichita, Kansas

Sec 20, Twp. 19 Rge 16

SIDE TWO

Operator Name Double "B" Oil, Inc. Lease Name Lester Hagerman Well # 1

Sec. 20 Twp. 19S Rge. J6 East West County Rush

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

DST No. 1 3783-3791, open 30 min, shut-in 45 min, open 30 min., shut-in 45 min. Gas to surface in 4 min. Gauged 357 Mcf 10 min after 1st opening, gauged 373 Mcf 25 min after 1st opening, gauged 383 Mcf 30 min end of 1st opening, gauged 422 Mcf 15 min. after 2nd opening, gauged 422 Mcf 25 min. after 2nd opening. Recovered 60' of mud. ISIP 1119, FSIP 1108, IFP 122-100, FFP 122-100 BHT 108°

| Name | Top | Bottom |
|-----------|------|--------|
| Anhydrite | 1163 | + 934 |
| Topeka | 3163 | -1066 |
| Heebner | 3421 | -1324 |
| Toronto | 3439 | -1342 |
| Douglas | 3450 | -1353 |
| Lansing | 3487 | -1390 |
| Base KC | 3719 | -1622 |
| Arbuckle | 3781 | -1684 |

DST No. 2 3800-3815, open 30 min, shut-in 30 min, open 60 min, shut-in 90 min. Rec. 2660' gas in pipe, 520' total fluid, 100' gas & slightly oil-cut muddy wtr, 120' very sli oil/gas-cut muddy wtr, 120' very sli oil-cut wtr, 180' spotty oil-cut wtr, IFP 66-88, ISIP 958, FFP 121-210, FSIP 969, BHT 120°

DST No. 3 3832-3840. Open 30 min, shut-in 45 min, open 30 min, shut-in 45 min. Rec. 100' muddy wtr, no show. IFP 33-53#, FFP 66-55#, ISIP 969#, FSIP 870#, BHT 118°

| 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 | 12-1/4" | 8-5/8" | 23# | 1213 | 60/40 pps | 475 | 3% ca. cl., 2% sp. l. |
| 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 | | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled