

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 # 9232
Name ... Timberline Oil & Gas Corp.
Address .. 105 E. 8th
Pratt, Kansas 67124
City/State/Zip

Purchaser .. Inland Purchasing

Operator Contact Person .. Bfant. Grote
Phone (316) 672-9476

Contractor: License # 5138
Name .. Cougar Drilling Co., Inc.

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-27-86 6-2-86 6-2-86
Spud Date Date Reached TD Completion Date

4320 KB 4230' KB
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 283.20
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
Invoice #

API NO. 15-...151-21.791-0000

County...Pratt

150' W. NE. NE SE 20 Twp...26 Rge...12W East West

2310..... Ft North from Southeast Corner of Section
480..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

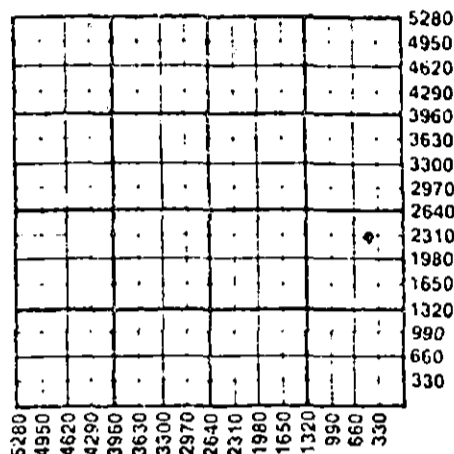
Lease Name...Welch Well # 1

Field Name...~~Alta Fillingway~~ IUKA-CARM

Producing Formation...Mississippi

Elevation: Ground...1909.....KB...1919

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 # T 86-230

Groundwater 2310.....Ft North from Southeast Corner
(Well) 330.....Ft West from Southeast Corner of
Sec 20 Twp 26S Rge 12 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 *Bfant. Grote*

Title...President Date 7/23/86

Subscribed and sworn to before me this 23rd of July 1986

Notary Public *Janice M. McCline*

Date Commission Expires 10/19/89



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)

JUL 25 1986
7-25-86

Operator Name Timberline Oil & Gas Corp. Lease Name Welch Well # 1

Sec. 20 Twp. 26 Rge. 12 East West County Pratt

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

Mississippi
 IP 95 BO, 15 BW, 25 mcf
 T.P. 230 psi

| Name | Top | Bottom |
|--------------------|------|----------|
| Sand, Clay | -0- | 215 |
| Red Beds | 215 | 298 |
| Red Beds, Shale | 298 | 570 |
| Red Beds | 570 | 744 |
| Anhydrite | 744 | 766 |
| Red Beds, Shale | 766 | 1960 |
| Shale, Lime | 1960 | 4010 |
| Shale, Lime, Chert | 4010 | 4330 RTD |

Log Tops (KB 1919)

Mississippi 4121 KB
Viola 4235 KB

RELEASED

AUG 13 1987

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production | | | | FROM CONFIDENTIAL | | | |
|--|----------------------------|--|----------------|---|---------------------------|-----------------------|----------------------------|
| 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# | 298 | 60/4-POZ | 225 | 2% gel 3% C.C. |
| Production | 7 7/8 | 5 1/2 | 14# | 4329 KB | 60/40 POZ | 75 sx | 5% gilsonite |
| PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated | | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | |
| 2 | 4235-41 4238-58 | | | Acidize w/1000 gal Frac | | Plus 30000# sand 4230 | |
| 2 | 4121-41 | | | Acidize w/1000 gal 1500 HCl | | 4121-41 | |
| TUBING RECORD Size Set At Packer at 2 7/8" 4166.48' | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production 6/21/86 | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil 95 Bbls | Gas 25 MCF | Water 15 Bbls | Gas-Oil Ratio 263 CFPB | Gravity 40° | |

METHOD OF COMPLETION

Production Interval

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

4121-41