

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 # 5669
Name Helberg Oil Company
Address Box 32
City/State/Zip Morland, Kansas 67650

Purchaser

Operator Contact Person Jerry M. Helberg
Phone 913-627-5665

Contractor: License # 5669
Name Helberg Oil Company

Wellsite Geologist Chuck Rhoades
Phone 913-743-5419

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

4-8-1988 4-18-1988 4-18-1988
Spud Date Date Reached TD Completion Date

4000'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 209 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
Invoice #

API NO. 15-179-20919-0000
County Sheridan
NW SW NW Sec. 12 Twp 10 Rge. 26 West

3630 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

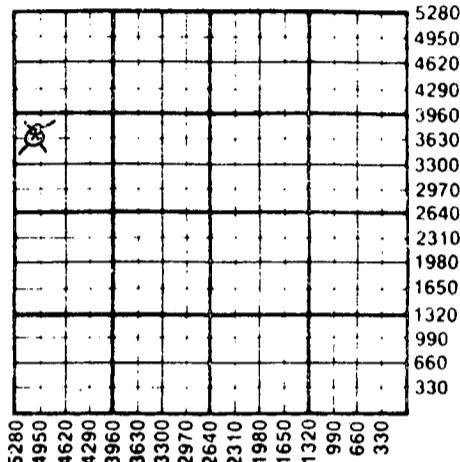
Lease Name Bittel Well # 1

Field Name Custer West

Producing Formation Lansing-K.C.

Elevation: Ground 2567 2572 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Re-pressuring

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 Twp Rge East West

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

X Other (explain) Tailwater Pit-Alvin Mader
(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 [Signature]
Owner
Title Date 4-29-1988

Subscribed and sworn to before me this 2nd day of May 1988.
COLEEN SHELTON
Notary Public
STATE OF KANSAS
Date Commission Expires March 11, 1990

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
SWD/Rep NGPA
Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
5-3-88
MAY 03 1988
5-3-88

Sec 12 Twp 10 Rge 26 W

SIDE TWO

Operator Name Helberg Oil Company Lease Name..... Bittel Well #..... 1

Sec..... 12 Twp..... 10 Rge..... 26 East West County..... Sheridan

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<table border="0" style="width:100%;"> <tr> <td style="width:15%;">Shale</td><td style="width:10%;">0</td><td style="width:10%;">220</td><td style="width:15%;">Lime</td><td style="width:10%;">3690</td><td style="width:10%;">3821</td></tr> <tr> <td>Shale</td><td>220</td><td>234</td><td>Lime</td><td>3821</td><td>3905</td></tr> <tr> <td>Shale</td><td>234</td><td>386</td><td>Lime</td><td>3905</td><td>3975</td></tr> <tr> <td>Shale</td><td>386</td><td>996</td><td>Lime</td><td>3975</td><td>4000</td></tr> <tr> <td>Shale</td><td>996</td><td>1620</td><td>T.D.</td><td>4000</td><td></td></tr> <tr> <td>Shale</td><td>1620</td><td>2030</td><td></td><td></td><td></td></tr> <tr> <td>Sand & Shale</td><td>2030</td><td>2180</td><td>D&A</td><td></td><td></td></tr> <tr> <td>Anhydrite</td><td>2180</td><td>2204</td><td></td><td></td><td></td></tr> <tr> <td>Anhydrite</td><td>2204</td><td>2245</td><td></td><td></td><td></td></tr> <tr> <td>Shale</td><td>2245</td><td>2290</td><td></td><td></td><td></td></tr> <tr> <td>Shale</td><td>2290</td><td>2455</td><td></td><td></td><td></td></tr> <tr> <td>Shale</td><td>2455</td><td>2620</td><td></td><td></td><td></td></tr> <tr> <td>Shale</td><td>2620</td><td>2665</td><td></td><td></td><td></td></tr> <tr> <td>Sand & Shale</td><td>2665</td><td>2850</td><td></td><td></td><td></td></tr> <tr> <td>Sand & Shale</td><td>2850</td><td>3020</td><td></td><td></td><td></td></tr> <tr> <td>Sand & Shale</td><td>3020</td><td>3170</td><td></td><td></td><td></td></tr> <tr> <td>Lime</td><td>3170</td><td>3290</td><td></td><td></td><td></td></tr> <tr> <td>Lime</td><td>3290</td><td>3435</td><td></td><td></td><td></td></tr> <tr> <td>Lime</td><td>3435</td><td>3565</td><td></td><td></td><td></td></tr> <tr> <td>Sand & Shale</td><td>3565</td><td>3690</td><td></td><td></td><td></td></tr> </table>	Shale	0	220	Lime	3690	3821	Shale	220	234	Lime	3821	3905	Shale	234	386	Lime	3905	3975	Shale	386	996	Lime	3975	4000	Shale	996	1620	T.D.	4000		Shale	1620	2030				Sand & Shale	2030	2180	D&A			Anhydrite	2180	2204				Anhydrite	2204	2245				Shale	2245	2290				Shale	2290	2455				Shale	2455	2620				Shale	2620	2665				Sand & Shale	2665	2850				Sand & Shale	2850	3020				Sand & Shale	3020	3170				Lime	3170	3290				Lime	3290	3435				Lime	3435	3565				Sand & Shale	3565	3690				<table border="0" style="width:100%;"> <tr> <td colspan="3" style="text-align: center;">Formation Description</td> </tr> <tr> <td style="width:15%;"><input type="checkbox"/> Log</td> <td colspan="2"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Bottom</td> </tr> <tr> <td>Anydrite</td> <td>2202</td> <td>+370</td> </tr> <tr> <td>Base Anydrite</td> <td>2235</td> <td>+337</td> </tr> <tr> <td>Topeka</td> <td>3584</td> <td>-1012</td> </tr> <tr> <td>Heebner</td> <td>3792</td> <td>-1220</td> </tr> <tr> <td>Toronto</td> <td>3816</td> <td>-1244</td> </tr> <tr> <td>Lansing</td> <td>3830</td> <td>-1258</td> </tr> <tr> <td>RTD</td> <td>4000</td> <td>-1428</td> </tr> </table>	Formation Description			<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample		Name	Top	Bottom	Anydrite	2202	+370	Base Anydrite	2235	+337	Topeka	3584	-1012	Heebner	3792	-1220	Toronto	3816	-1244	Lansing	3830	-1258	RTD	4000	-1428
Shale	0	220	Lime	3690	3821																																																																																																																																																			
Shale	220	234	Lime	3821	3905																																																																																																																																																			
Shale	234	386	Lime	3905	3975																																																																																																																																																			
Shale	386	996	Lime	3975	4000																																																																																																																																																			
Shale	996	1620	T.D.	4000																																																																																																																																																				
Shale	1620	2030																																																																																																																																																						
Sand & Shale	2030	2180	D&A																																																																																																																																																					
Anhydrite	2180	2204																																																																																																																																																						
Anhydrite	2204	2245																																																																																																																																																						
Shale	2245	2290																																																																																																																																																						
Shale	2290	2455																																																																																																																																																						
Shale	2455	2620																																																																																																																																																						
Shale	2620	2665																																																																																																																																																						
Sand & Shale	2665	2850																																																																																																																																																						
Sand & Shale	2850	3020																																																																																																																																																						
Sand & Shale	3020	3170																																																																																																																																																						
Lime	3170	3290																																																																																																																																																						
Lime	3290	3435																																																																																																																																																						
Lime	3435	3565																																																																																																																																																						
Sand & Shale	3565	3690																																																																																																																																																						
Formation Description																																																																																																																																																								
<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample																																																																																																																																																							
Name	Top	Bottom																																																																																																																																																						
Anydrite	2202	+370																																																																																																																																																						
Base Anydrite	2235	+337																																																																																																																																																						
Topeka	3584	-1012																																																																																																																																																						
Heebner	3792	-1220																																																																																																																																																						
Toronto	3816	-1244																																																																																																																																																						
Lansing	3830	-1258																																																																																																																																																						
RTD	4000	-1428																																																																																																																																																						

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"	20#	209'	Common	135	60/40 Poz 3%A-7P, 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			

METHOD OF COMPLETION Production Interval

- | | | |
|---|--|--------------------------------------|
| Disposition of gas: <input type="checkbox"/> Vented | <input type="checkbox"/> Open Hole | <input type="checkbox"/> Perforation |
| <input type="checkbox"/> Solid | <input type="checkbox"/> Other (Specify) | |
| <input type="checkbox"/> Used on Lease | <input type="checkbox"/> Dually Completed | |
| | <input type="checkbox"/> Commingled | |