

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 # 5293
Name Helmerich & Payne, Inc.
Address P.O. Box 558
City/State/Zip Garden City, KS 67846

Purchaser Citgo

Operator Contact Person Millard Lindsay
Phone 316-276-3693

Contractor: License # 9087
Name R & C Drilling Co., Inc.

Wellsite Geologist Alan Downing
Phone 913-625-2993

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-19-86 2-24-86 3-8-86
Spud Date Date Reached TD Completion Date
3550 3534
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 265 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1222 feet
If alternate 2 completion, cement circulated from 1222 feet depth to Surface, 300 SX cmt by B.J. Titan Services 282022

API NO. 15-051-24386-00-00

County Ellis

S/2 NE SW Sec. 22 Twp. 11 Rge. 17 East West

1560 Ft North from Southeast Corner of Section
3210 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

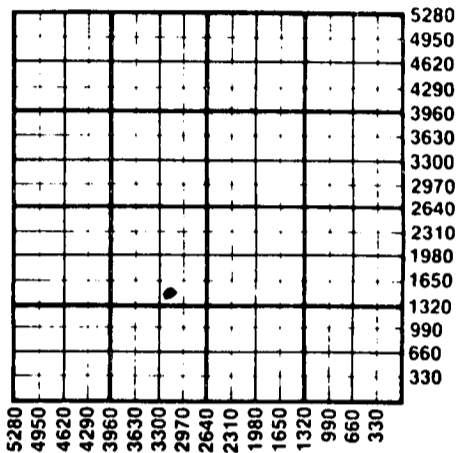
Lease Name Beach D Well # 3

Field Name Bemis Shutts

Producing Formation Arbuckle

Elevation: Ground 2013 KB 2018

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Other (explain).....
(purchased from city, R.W.D. #)
Hauled by private contractor from Saline River

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. Rule 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 Millard Lindsay
Title District Manager Date 4-11-86

Subscribed and sworn to before me this 11th day of April 1986
Notary Public Betty J. Purdy
Date Commission Expires 6 Aug 87

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)

APR 13 1986
CONSERVATION DIVISION
Wichita, Kansas

Sec 22 Twp 11 Rge 17 W

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name..... Beach D Well #..... 3

Sec..... 22 Twp..... 11 Rge..... 17 East West County..... Ellis

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 - 265' Sand & Shale
 265' - 279' Shale & Lime
 279' - 1213' Sand & Shale
 1213' - 1258' Anhydrite
 1258' - 2587' Shale
 2587' - 3550' Lime & Shale

Name	Top	Bottom
Heebner	3162	
Toronto	3182	
LKC	3205	
BKC	3440	
Arbuckle	3475	
DTD	3550	
LTD	3548	

Zones of Interest

LKC D	3254 - 56	15% ϕ	49% SW
LKC G	3302 - 04	14% ϕ	39% SW
LKC H	3344 - 48	11% ϕ	47% SW
LKC J	3386 - 88	12% ϕ	47% SW
Arbuckle	3476 - 80	16% ϕ	32% SW
Arbuckle	3484 - 88	23% ϕ	28% SW
Arbuckle	3488 - 98	18% ϕ	47% SW

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	12 1/4	8 5/8	23	265	Class A	150	3% CaCl ₂ 2% gel
Production	7 7/8	5 1/2	14	3550	Surefill	150	
Stage Tool @1222 Cntd 2nd stage Lightweight 300							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
3476-3480	2			None			
3484-3488	2			None			
TUBING RECORD Size 2 7/8 Set At 3482 Packer at 3482 Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
Date of First Production		Producing Method					
3-8-86		<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	Gas	Water	Gas-Oil Ratio	Gravity	
8 Bbls			MCF	549 Bbls	CFPB	34	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) Arbuckle 3476-3480
 Used on Lease Dually Completed Commingled 3484-3488
 None