

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

Operator Contact Person Millard L. Lindsay  
Phone 316-276-3693

Contractor: license # 5665  
name Pioneer Drilling Co.

Wellsite Geologist Alan Downing  
Phone 913-625-3550

PURCHASER

Designate Type of Completion

New Well  Re-Entry  Workover

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

10-30-84 11-5-84 12-12-84  
Spud Date Date Reached TD Completion Date  
3540 3514  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 252' 85/8 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

API NO. 15 - 051 24,065 -0000

County Ellis

SW NW NE Sec 20 Twp 11 Rge 18 East  
(location) West

4290 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

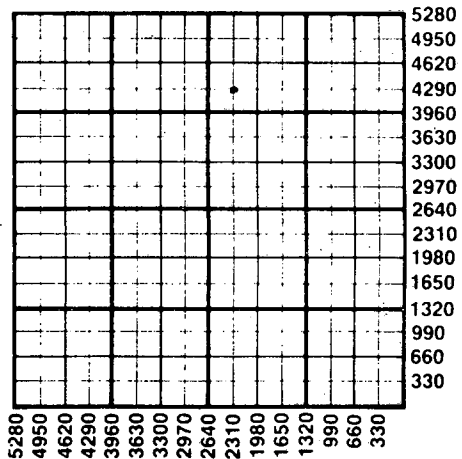
Lease Name Wasinger Well# 2

Field Name

Producing Formation Arbuckle

Elevation: Ground 1933 KB 1938

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge  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) Hauled by private contractor  
(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: *Kenneth J. Schuk*  
Title: District Production Engineer Date: 9-17-85  
Subscribed and sworn to before me this 17th day of September 19 85  
Notary Public: Betty J. Purdy  
Date Commission Expires: 6 August 1986

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)  
RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)  
SEP 19 1985

5  
Sec. 20 Twp. 11 Rge. 18

Operator Name .... Helmerich & Payne, Inc. Lease Name Wasinger.. Well# .2. SEC..20. TWP..11. RGE..18....  East  West

**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

Name Top Bottom

Anhydrite 1235  
 Topeka 2921  
 Heebner 3151  
 Toronto 3169  
 Lansing 3192  
 LKC I 3346  
 BKC 3423  
 Marmaton SD 3446  
 Conglomerate 3455  
 Simpson 3488  
 Arbuckle 3516  
  
 DTD 3540  
 LTD 3539

LKC B 3228 3230  
 19%  $\emptyset$   
 SW = 30%  
 Rw = .05  
  
 LKC I 3348 3352  
 12-17%  $\emptyset$   
 SW = 43%

**CASING RECORD**  new  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	262	Class A	150	2% gel 3% CaCl2
Production	7 7/8	4 1/2	10.5	3539	SelfStress	200	
		F.O. Tool @ 1240'					

**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	3228 - 3230	500 gals 15% MSR acid	
2	3348 - 3352	500 gals 15% MSR acid	
2	3228 - 3352 overall	9000 gals foamed 15% MSR-100	

**TUBING RECORD**

size set at packer at Liner Run  Yes  No

Date of First Production Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio
	Bbls	MCF	Bbls	Gravity

**METHOD OF COMPLETION**

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) \_\_\_\_\_  
 used on lease  Dually Completed.  
 Commingled

