

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, Kansas 67846

Operator Contact Person Millard Lindsay
Phone 316-276-3693

Contractor: license # 5665
name Pioneer Drilg Co.

Wellsite Geologist Alan Downing Hays, KS
Phone 913-625-3550

PURCHASER Farmland Industries

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
7-18-84 7-24-84 1-25-85
Spud Date Date Reached TD Completion Date

3475 3458
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 261 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 1352 feet depth to w/ 420 SX cmt

API NO. 15 - 163-22401 -00-00

County Rooks

SE SE SW Sec 11 Twp 9 Rge 17
(location)

330 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

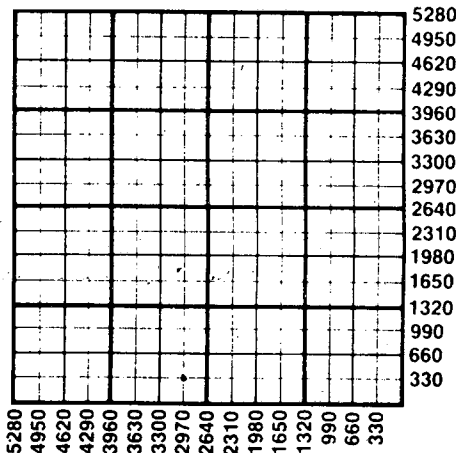
Lease Name Oswald Well# 6

Field Name W. Husing

Producing Formation Arbuckle

Elevation: Ground 2028 KB 2033

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # 2-19-1985 RECEIVED
STATE CORPORATION COMMISSION
 Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West
FEB 19 1985
CONSERVATION DIVISION
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Stream Wichita, Kansas
Sec 11 Twp 9 Rge 17 East West

Other (explain) (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 Millard L. Lindsay
Title District Production Manager
Date 2-15-85

Subscribed and sworn to before me this 15th day of February 19 85

Notary Public Betty J. Purdy
Date Commission Expires 6 August 86

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)

Sec. 11 Twp. 9 Rge. 17

Operator Name Helmerich & Payne, Inc. Lease Name Oswald Well# 6 SEC 11 TWP 9S RGE 17 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

Base Anhydrite 1351
 Topeka 2902
 Heebner 3116
 Toronto 3138
 LKC 3159
 Arbuckle 3434
 DTD 3475
 LTD 3475

DST #1 Arbuckle 3433 - 3446 15-15-15-15
 IH - 1958
 IF - 45 - 45
 ISIP - 755
 FF - 39 - 39
 FSIP - 695
 FH - 1937 Rec: 15' OCM, 5' free oil

DST #2 Arbuckle 3433 - 3475 15-30-30-60
 IH - 1957
 IF - 62 - 62
 ISIP - 940 - ~~944~~
 FF - 73 - 73
 FSIP - 900
 FH - 1936 Rec: 65' VSOCM
 90% mud, 5% H₂O, 5% oil

Formation Description
 Log Sample

Name	Top	Bottom
LKC	3256	3260
	15-20% ØN	
	Res = 11-20 ohm-m	
Arb	3436	3477
	9-20% ØN	
	Res = 15 - 38 ohm-m	

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	261	Class A	150	2% gel 3% CaCl ₂
Prod. Csg.	7 7/8	5 1/2	14	3474	Self Stress	100	
				Top Stage	60/40 Poz	370	4% gel
					Class A	50	2% gel 3% CaCl ₂
				DV. Tool @ 1352			
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	3436 - 3447 Arbuckle			.80 gal 15% HCl			3436 - 3447
				500 gal 15% MSR-100			3436 - 3447
				2500 gal Retarded Acid			3436 - 3447
2	3437 - 3444 Arbuckle			1250 gal 15% MSR-100			3437-3444
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
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		Gravity
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease None

METHOD OF COMPLETION
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL
 T.A. _____
 Will convert to disposal well

Gamma Ray Correlation Bond Log

Filing No. _____ Company HELMERICH & PAYNE, INC.

Well OSWALD #6

Field _____

County ROOKS State KANSAS

Location: SE - SE - SW Other Services
jet perms

SEC 11 TWP 9S RGE 17W

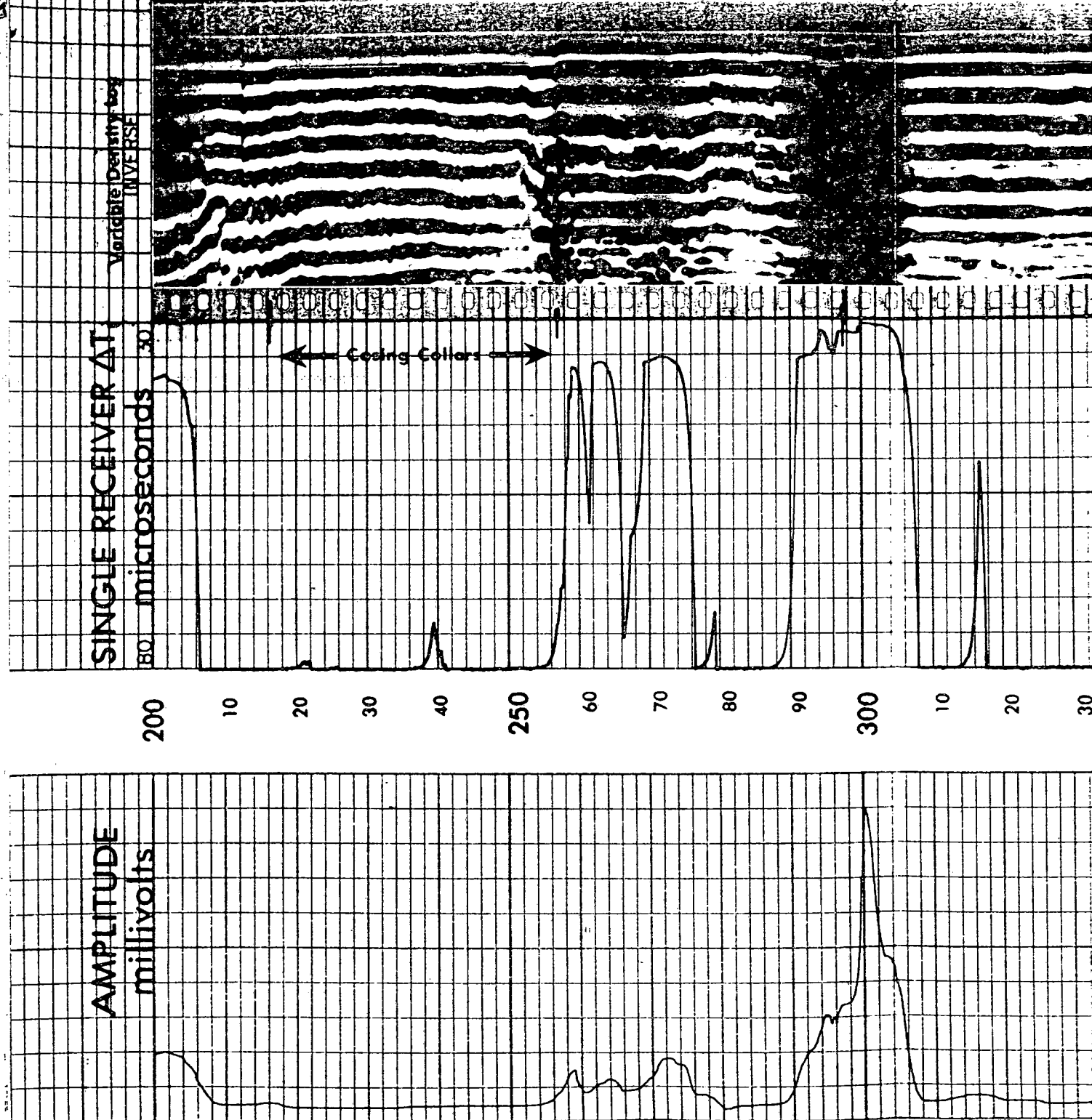
PERMANENT DATUM GROUND LEVEL ELEV. 2028 K.B. 2033

LOG MEASURED FROM KELLY BUSHING 5 FT. ABOVE PERM. DATUM D.F. _____

DRILLING MEASURED FROM KELLY BUSHING G.L. 2028

DATE	8-1-84	8-1-84	8-1-84
RUN NO.	ONE	ONE	ONE
TYPE LOG	G. R. CORRE.	SONIC BOND	VIM DISPLAY
DEPTH—DRILLER	3458	3458	3458
DEPTH—LOGGER	3452	3452	3452
BOTTOM LOGGED INTERVAL	3439	3448	3448
TOP LOGGED INTERVAL	2850	200	
TYPE FLUID IN HOLE	WATER		
SALINITY, PPM CL			
DENSITY			
LEVEL	385'		
MAX. REC. TEMP. DEG. F.			
OPERATING RIG TIME	TWO HOURS		
RECORDED BY	RANDY K. LONGPINE		
WITNESSED BY	MR. GAYLORD BURROUGHS		
TRUCK #308			

RUN NO.	BORE-HOLE RECORD				CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO	
ONE	12-1/4	000	260	8-5/8	20#	000	260	
TWO	7-7/8	260	3475	5-1/2	14#	000	3474	



15-163-22401-00-01

RECEIVED
STATE CORPORATION COMMISSION
2-19-1985
FEB 10 1985

CONSERVATION DIVISION
Wichita, Kansas