

Operator Name: Dakota , Production Co. Lease Name: Schulz Well #: 1
 Sec. 33 Twp. 30 S. R. 17 East West County: Wilson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

List All E. Logs Run:

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	# Sacs Used	Type and Percent Additives
Surface	11"	8 5/8	32#	20	Portland	4	
Production	6 3/4	4 1/2		852'	OWC	142	Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	706-714		
4	729-737		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
		20			

Disposition of Gas Vented Sold Used on Lease (If vented, Sumi' ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



CONSOLIDATED

INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

TICKET NUMBER **16994**

LOCATION Wichita

FIELD TICKET

ORIGINAL

DATE 12-1-00	CUSTOMER ACCT.# 2274	WELL NAME #1	QTR/QTR	SECTION	TWP	RGE	COUNTY USD	FORMATION
CHARGE TO <u>Dakota</u>				OWNER				
MAILING ADDRESS <u>417 S. Bremer</u>				OPERATOR				
CITY & STATE <u>Wichita, OK 74301-4159</u>				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401-10	1	PUMP CHARGE cement pump.		525 ⁰⁰
5402-10	8.52	Casing footage		110.76
		HYDRAULIC HORSE POWER		
4404-10	1	4 1/2" Rubber plug		27.30
1118-10	245	Oil		22 ⁰⁰
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502-10	3 hrs.	VACUUM TRUCKS		195 ⁰⁰
		FRAC SAND		
1126-10	142 gals	CEMENT OWC		1704 ⁰⁰
		NITROGEN		
5407-10	25 miles	TON-MILES Air Bulk Delivery	Tax	120.98
				175 ⁰⁰

NSCO #15097

ESTIMATED TOTAL **2880.98**

CUSTOMER or AGENTS SIGNATURE _____ CIS FOREMAN [Signature]

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 12-1-00

170320

McPherson Drilling - Drillers Log

API NO. 15- Wilson-205-25333-0000

S. 33, T. 30, R. 17 E

LOCATION:

COUNTY: Wilson

OPERATOR: Dakota Production Co.

ADDRESS: 3708 Red Oak Cornith, TX 76208

WELL NO. 1

LEASE NAME: Shulz

FOOTAGE LOCATION: 4950

FROM THE South LINE

4950

FROM THE East LINE

ORIGINAL

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING Rig #1

SPUD DATE: 11/17/00

COMPLETED DATE: 11/20/00

TOTAL DEPTH: 900'

GEOLOGIST: Doug Shay

CASING RECORD

	SURFACE	PRODUCTION
SIZE HOLE:	11"	6 3/4"
SIZE CASING:	8 5/8"	
WEIGHT:	32#	
SETTING DEPTH:	21'	
TYPE CEMENT:	Portland	
SACKS:	4	

COMMENTS:

Test @
 380' 1/8" orifice 3.39 MCF
 715' 1/4" orifice 34.0 MCF
 736' 1/2" orifice 108 MCF
 900' 1/2" orifice 78.1 MCF

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
top soil	0	3	sandy lime	783	789			
sandstone	3	16	sand	789	819			
shale	16	23	shale/sand	819	824			
lime	23	25	sand	824	861			
shale	25	88	sand/shale	861	900 TD			
sand/shale	88	94						
shale	94	178						
sand	178	185						
shale	185	240						
sand/lime	240	295						
shale	295	302						
sand	302	366						
shale	366	450						
lime	450	469						
shale	469	490						
sand/shale	490	596						
pink lime	596	621						
shale	621	674						
1st oswego	674	708						
coal/summit	708	713						
2nd oswego	713	728						
coal/mulkey	728	734						
3rd oswego	734	739						
shale	739	783						