

**AFFIDAVIT AND COMPLETION FORM**

**STATE RECEIVED**  
 3-25-82  
 CONSERVATION DIVISION  
 MAR 26 1982  
 WICHITA, KANSAS

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: W gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Chief Drilling Co., Inc. API NO. 15-063-20,557-00-00  
 ADDRESS 905 Century Plaza COUNTY Gove  
Wichita, Ks. 67202 FIELD Unknown  
 \*\*CONTACT PERSON F.W. Shelton, Jr., LEASE Lundgren  
 PHONE 316-262-3791

PURCHASER \_\_\_\_\_ WELL NO. #1  
 ADDRESS \_\_\_\_\_ WELL LOCATION 440' ESL & 440' FWL  
 \_\_\_\_\_ Ft. from \_\_\_\_\_ Line and  
 \_\_\_\_\_ Ft. from \_\_\_\_\_ Line of  
 DRILLING CONTRACTOR Warrior Drilling, Inc. the NE/4 SEC. 28 TWP. 14S RGE. 29W  
 ADDRESS 905 Century Plaza

Wichita, Kansas 67202

PLUGGING CONTRACTOR Warrior Drilling, Inc.  
 ADDRESS Same as above

TOTAL DEPTH 4367 LTD PBTD  
 SPUD DATE 1-23-82 DATE COMPLETED 2-1-82  
 ELEV: GR 2608 DF 2610 KB 2613


WELL PLAT  
 (Quarter) or (Full) Section - Please indicate.  
 KCC ✓  
 KGS ✓

DRILLED WITH ~~(CABLE)~~ (ROTARY) ~~(AIR)~~ TOOLS  
 Report of all strings set — surface, intermediate, production, etc. (New)/(Used) casing.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
	12 1/4	8 5/8"	16#	326'	200/sks. common		3% c.c., 2% gel
		4 1/2"	10.5#	4361'	200/sks. AFC cement		

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 shots per ft.		4246 - 4255
			4 shots per ft.		4174 - 4178
TUBING RECORD			4 shots per ft.		3934 - 3938
Size	Setting depth	Packer set at			
2 3/8"	4330'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
500 gallons INS plus 2000 gallons 15%	4246 - 4255
300 gallons INS	4174 - 4178
500 gal. INS 15% plus 15000 galosn INS 28%	3934 - 3938

TEST DATE: <u>(3)</u> 3-21-82		PRODUCTION	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	A.P.I. Gravity	
March 14, 1982	Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	18 bbls.	MCF	74 % 52 bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s)	
vented		4246 - 4255	4174 - 4178 3934 - 3938

\*\* The person who can be reached by phone regarding any questions concerning this information.  
 A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Name of lowest fresh water producing stratum Unknownn Depth 550'  
 Estimated height of cement behind pipe \_\_\_\_\_

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 3693 - 3780 30-30-30-30 strong blow off bottom of bucket in 18 min. Rec. 268' muddy water IBHP: 1037# FBHP: 998# FP: 69-147			Anhydrite	2033 + 580
			Base Anhyd.	2057 + 556
			Heebner	3646 - 1033
			Lansing	3684 - 1071
			Muncie Creek	3834 - 1221
DST#2 3779 - 3850 30-30-30-30 strong blow rec. 2150' muddy water, IBHP: 1166#, FBHP: 1166# FP: 397 - 1100			BKC	3994 - 1381
			Marmaton	4016 - 1403
			Pawnee	4104 - 1491
			Lower Pawnee	4152 - 1539
DST #3 3854 - 3930 30-30-30-30 strong blow throughout, Rec. 1790' gassy muddy cut water IBHP: 1035#, FBHP: 1024#, FP: 193-617			Ft. Scott	4174 - 1561
			Cherokee	4198 - 1585
			Mississippi	4257 - 1644
			LTD	4367
DST #4 3935 - 4003 30-30-60-30 weak to fair blow, fair to weak blow, weak & steady blow, Rec. 82' clean gassy oil 40° gravity, 372' mud cut oil, 18% mud, 7% water, 10% gas, 65% oil, IBHP: 1002# FBHP: 881#, FP: 68-147				
DST #5 4117 - 4208 30-30-60-45 weak to fair blow, weak to strong, Rec. 186' heavy mud cut oil, 1% water, 24% mud, 75% oil, 62' heavy mud cut oil, 5% water, 30% mud, 65% oil, 62' oil cut mud, 20% water, 65% mud, 15% oil				
DST #6 4194 - 4260 30-30-30-30 weak to strong blow Rec. 372' gas, 170' gassy mud cut oil, 25% gas, 65% oil, 7% water, 3% mud, IBHP: 1122# FBHP: 1122# FP: 45-68				
Ran 109 jts. new 4 1/2" casing 4364' set @ 4361', 14' shoe jt. centralizers @ 4347 - 4199 - 4086 - 3969 - 3857, cemented w/200 sx. AFC cement plug down @ 7:45 a.m. 6' off bottom				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF KANSAS, COUNTY OF GOVE SS,

F. W. Shelton, Jr. OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS Vice President FOR Chief Drilling Co., Inc. OPERATOR OF THE Lundgren LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. #1 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 23rd DAY OF March 1982, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) F. W. Shelton, Jr.  
 F.W. SHELTON, JR., VICE PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF March 1982

MARTHA E. GUSTIN  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 MY APPT. EXPIRES 4-15-85

Martha E. Gustin  
 NOTARY PUBLIC  
 Martha E. Gustin

MY COMMISSION EXPIRES: \_\_\_\_\_

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division, 212 N. Market, Wichita, Kansas

Chief Drilling Co. Lundgran 1 LUNDGRAN Grove Cherokee Clear Creek  
 Producer's Name Lease Name Well No. Pool County Producing Horizon Pipe Line (Purchaser)

Taken May 5 1982 Effective May 5 1982 Sec. 28 Twp 14-S R 29-W  
 Month Day Year Month Day Year

Tank No.	Size	Opening Gauge 5				Barrels	Closing Gauge 6				Barrels
		Time on: 12:05 PM		Time off: 12:05 PM			Oil Level		B. S. & W.		
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	
Gun Bbl.											
Settling Tank											12 1/2"
9300	200	4	5 1/2				5	6			20.88

Well Data	
Top Prod. Horizon	4220 Ft.
Total Depth	4367 Ft.
Perforations	4246-55 Ft.
Size of Casing	4 1/2 Set at 4361 Ft.
Size of Tubing	2 3/8 Set at 4330 Ft.
Size of Pump	1 1/2 Type Insert
Gravity of Oil	34° Temp. 60°
Percentage of Water	51 Acid 4800 gal. Date 2-26-82

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 20 1982  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

Total Bbls. Produced = 21 Productivity.

REMARKS:

SEALS and USSES:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer.....	<i>L. M. Limb...</i>	
For Offset Owner.....		
For State.....	<i>Dale Z. Ball...</i>	

Test Data	
Temporary	<input checked="" type="radio"/> Permanent
Flowing	<input checked="" type="radio"/> Swabbing <input checked="" type="radio"/> Pumping
Length of Stroke	64 In. S. P. M. 12
Pretest Information:	440' from S line NE 1/4 440' from W line
Hours pumped	24
Bbls. Produced	
Tank Tables Used	
Est.	1.67 (Bbls. per In.)
Checked by:	

Well Location			
Ft. From W. Line			Ft. From N. Line