



15-051-00924-00-00

# LOG OF WELL

Form PO-214 Sheet 1 (7-44) 8M

Staab Unit #1

SHEET 1

OWNER The Texas Company DIVISION Oklahoma DATE MADE August 6, 1948  
 DISTRICT Kansas LEASE Staab Unit WELL NO. 1  
 STATE Kansas COUNTY OR PARISH Ellis TWP. 13S RANGE 17W SEC. 16  
 LOCATION OF WELL NW NE SW

15-051-00924-00-00

COMMENCED RIGGING UP Feb. 21, 1948 COMMENCED DRILLING 2/22/48 COMPLETED DRILLING 5/8/58  
 DAY DRILLER \_\_\_\_\_ NIGHT DRILLER \_\_\_\_\_ CONTRACTOR Herndon Drlg Co  
 CABLE FROM 3610 TO 3645 ROTARY FROM 0 TO 3610 COMPANY RIG NO. \_\_\_\_\_  
 TOTAL DEPTH 3645 MEASURED BY M. C. Harrell ELEVATION 1995 - KB  
3481 PBD 1991 - GL

## CASING RECORD

SIZE	WEIGHT	PUT IN WELL		PULLED OUT		LOST IN WELL		SHOES		PACKERS			
		FEET	INS.	FEET	INS.	FEET	INS.	LENGTH	MAKE	KIND	LENGTH	SET AT	
8-5/8"	28#	1243											FT.
5-1/2"	14#	3583											FT.
													FT.
													FT.
													FT.
8-5/8" casing set at 1243' w/600 sax Lone Star Bulk Cement												FT.	
5-1/2" casing set at 3583' w/150 sax Lone Star Cement												FT.	
													FT.

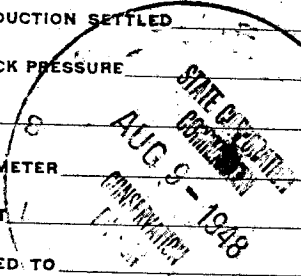
WAS CASING CEMENTED? \_\_\_\_\_ IF SO, HOW MANY SACKS OF CEMENT USED? \_\_\_\_\_  
 LINER: STATE SIZE AND WEIGHT \_\_\_\_\_ WHERE SET \_\_\_\_\_ FT. AND INS. \_\_\_\_\_ FT. AND INS. \_\_\_\_\_  
 HOW PUT TOGETHER \_\_\_\_\_ COUPLING \_\_\_\_\_ FLUSH-JOINT \_\_\_\_\_ INSERTED \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

## EQUIPMENT RECORD

TUBING				SUCKER RODS			PUMPING OUTFIT
SIZE	WEIGHT	FEET	INS.	FEET	INS.	SIZE AND KIND	DESCRIPTION, KIND, SIZE, ETC.

Completed Plugging August 4, 1948

FLOWING, PUMPING, GASSER OR DRY Dry PRODUCTION FIRST 24 HOURS \_\_\_\_\_ PRODUCTION SETTLED \_\_\_\_\_  
 IF GAS WELL, OPEN FLOW CAPACITY \_\_\_\_\_ SHUT IN PRESSURE \_\_\_\_\_ ROCK PRESSURE \_\_\_\_\_  
 KIND OF SHOT \_\_\_\_\_ SIZE OF SHOT, QUARTS \_\_\_\_\_  
 NUMBER OF SHELLS \_\_\_\_\_ SIZE OF SHELLS \_\_\_\_\_ INCHES, DIAMETER \_\_\_\_\_  
 LENGTH OF SHELLS \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ TOP OF SHOT \_\_\_\_\_  
 BOTTOM OF SHOT \_\_\_\_\_ ANCHOR \_\_\_\_\_ WELL BRIDGED TO \_\_\_\_\_  
 TOTAL DEPTH OF WELL \_\_\_\_\_ NUMBER OF SHOT \_\_\_\_\_ PRODUCTION BEFORE SHOT \_\_\_\_\_ BBLs. PER DAY \_\_\_\_\_  
 PRODUCTION AFTER SHOT \_\_\_\_\_ BBLs. PER DAY. SHOT FURNISHED BY \_\_\_\_\_  
 NAME OF SHOOTER \_\_\_\_\_ SHOT INSPECTED \_\_\_\_\_ BY \_\_\_\_\_ (COMPANY EMPLOYEE)  
 COMMENCED DRILLING DEEPER \_\_\_\_\_ COMPLETED \_\_\_\_\_ DRILLING DEEPER \_\_\_\_\_  
 TOTAL DEPTH \_\_\_\_\_ PRODUCTION FIRST 24 HOURS \_\_\_\_\_ PRODUCTION SETTLED \_\_\_\_\_



**PLUGGING**  
 FILE SEC 16 T 13 R 7W  
 BOOK PAGE 44 LINE 30

Staab Unit #1  
 T.D. 3645 PBD 3481  
 Completed Drlg. .... 5-8-48  
 Completed Plugging. 8-4-48

NOTE: IF WELL WAS DRY, STATE UNDER REMARKS, WHEN, HOW, AND BY WHOM PLUGGED.  
 STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG.  
 IF THE SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.

TOTAL NUMBER OF SHEETS \_\_\_\_\_

# LOG OF WELL

## SHEET No. 2

District            Name            Owner The Texas Company Farm State Unit Well No. 1

FORMATION		AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Shale & shells		300				
Shale & lime	710	110				<b>ELEVATION:</b> 1995 AD 1991 CL 1993 DP  <b>LOGS:</b> Rechner.....3290 Lansing.....3354 Buchler.....3502  <b>GRUBS RECORD:</b> Feb 3-5/49 cog at 1243' w/600 sack same Star Bulk Cement  Set 5 1/2" cog at 3533' w/150 sack same Star Cement
Sand	825	115				
Shale	955	70				
Shale & shells	1000	105				
Red bed	1100	230				
Shale & shells	1200	6				
Caliche	1215	7				
Hard sand	1245	42				
Red bed & shale & shells	1535	250				
Shale & shells	2145	680				
Shale & lime	2170	25				
Lime & shale	2090	920				
Lime	2610	520				
Lime	2826	16				
Sand	3045	19				
TOTAL DEPTH		3645'				
PLUG BACK TO		3481'				

**REMARKS:**

**3-3-40** At 3360' ran DST #1, break at 3568', open 30 minutes, recovered 30' water cut and. At 3422' ran DST #2, packer at 3422', open 45 minutes & recovered 45' water cut and.

**3-7-40** At 3510' ran DST #3, packer at 3504'. Packer did not hold. Reran DST packer at 3576', 6' of casing in hole, packer did not hold.

**3-8-40** Reconditioned hole to run DST #3 for third time, set packer at 3572', NO tester would not open, pulled and reran, set packer at 3560'. Packer held approximately 2 minutes and failed. Reconditioned hole to run Schlumberger.

**3-30-40** Perforated 3560' to 3574' with 24 holes. Sealed and tested 5 gal oil, 6 gal water per hour.

**4-1-43** Surged 100 gallon acid, loaded hole with 1200' of water, scrubbed hole dry, ran bailer, bailer scooped at 3533', cleaned out to 3500', ran lines, bailer stopped at 3573' 10' up in pipe, making a small amount of oil

**4-3-43** Acidified with 500 gallon, hole caved, filled up 3503'.

**4-5-43** Cleaned out to 3577'. Dumped 5 gal oil seal, pressured up to 1000, set back 4' and behind pipe.

**4-9-43** Cleaned up hole. Well started leaking oil. Bailer tested 1 1/2 bbl oil, no water in one hour. Started scrubbing, made approximately 1 bbl oil per hour for 6 hours. Hole started caving, 14' of casing in hole.

**4-10-43** Cleaned out to 3589'. Hole caved back to 3540', cleaned out to 3534'. Perforated casing 3560' to 3580'. Run tubing with cement retainer to separate off case.

**4-11-43** Squashed perforated casing and 1" gap hole with 35 sac cement through tubing with Halliburton Retrievable Cement Retainer. 33 sacks in the formation.

**4-14-43** Hole still caving. Cleaned out to 3593'.

**4-15-43** Set 1 1/2" of 4 1/2" OD liner at 3572' to 3595'.

**4-16-43** GI mixed out to run tubing, hole caved and shut off perforations in liner.

**4-17-43** Could not pull liner. Drilled down inside liner to 3604'. Bailer will not go past 3560'.

**4-18-43** Cleaned out to 3606'. Set 4 1/2" liner 3569' to 3604'.

**4-20-43** Acidified with 1000 gallon, maximum pressure 1400, dropped to 1175 during treatment, pulled tubing, set sealed hole down, 70 bbl oil, 72 bbl load).

**4-21-43** Scrubbed 29 1/2 bbl oil, small show of water in 24 hours.

## LOG OF WELL

SHEET No. 3District Kansas Owner The Texas Co. Farm Staab Unit Well No. 1

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
4-22-48	Swabbed 12 bbl oil, 8 $\frac{1}{2}$ bbl water				in 13 hours.
4-23-48	Swabbed 11.75 bbl oil and 4.91 bbl water				in 24 hours.
4-24-48	acidized with 2000 gallon,				maximum pressure 1175#, dropped to 625# during treatment.
4-25-48	Swabbed 81.8 bbl oil (79 bbl load) and 232 bbl water				in 21 hours.
4-26-48	Swabbed 19 bbl oil, 254 bbl water				in 25 hours.
4-27-48	Swabbed 11.66 bbl oil, 312 bbl water				in 24 hours.
4-28-48	Pulled out 4 $\frac{1}{2}$ " liner which was set at 3604'.				The 4" liner which was set at 3598' went out bottom of 5 $\frac{1}{2}$ " casing and could not be pulled.
4-29-48	Ran tubing with retainer at 3560', squeezed with 100 sax, 5 sax				circulated out, maximum pressure 2100#.
5-2-48	Gun perforated 3584' to 3595' with 55 shots.				No free oil, slight stain.
5-3-48	Dumped one bailer of acid and loaded hole with 500' of water, then swabbed down, repeated this process four times, had slight show oil and two bailers water per hour. Hole caving.				
5-4-48	Water decreased to 10 gallon per hour.				
5-6-48	At 3633', filled up 600' with water in 5 hours.				
5-7-48	At 3645', hole filled up 1900' with water. Plugged back with heavy mud to 3560'.				
5-8-48	Set Lane Wells Plug at 3481. Bailed hole down, casing tested O.K.				
	Perforated 3450-3453 with 4 shots, no show				
"	3454-3458 with 5 "		"	"	"
"	3432-3437 with 7 "		"	"	"
"	3438-3444 with 7 "		"	"	"
"	3470-3475 with 6 "		"	"	"
"	3361-3365 with 5 "		"	"	"
"	3366-3370 with 5 "		"	"	"
"	3380-3385 with 6 "		"	"	"
"	3332-3336 with 5 "		"	"	Small amount of mud and slight show
"	3337-3343 with 7 "		"	"	no show
"	3193-3200 with 8 "		"	"	no show
	Ran bailer after every perforation. Made 1 quart to 1/2 gallon of water and film of oil. Put 550' water in and washed hole, bailed dry, no show.				

Oil