

**KANSAS GEOLOGICAL SOCIETY**  
**KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU**  
**KANSAS GEOLOGICAL SOCIETY BUILDING**  
**508 EAST MURDOCK - WICHITA, KANSAS**

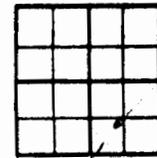
20-20-13W

COMPANY Alpine Oil  
 FARM Bruch NO. 1

SEC. 20 T. 20 R. 13W  
 LOC. NE SW SE

TOTAL DEPTH 3563'  
 COMM. 11-21-66 COMP. 11-29-66  
 SHOT OR TREATED  
 CONTRACTOR Gabbert-Jones  
 ISSUED 3-4-67

COUNTY Barton  
 KANSAS



CASING  
 20 10  
 15 B 5/8" 283' cem w/ 290 sx  
 12 6  
 13 5 1/2" 3542' cem w/ 100 sx

ELEVATION 1885' KB  
 PRODUCTION DRY (Arb)

FIGURES INDICATE BOTTOM OF FORMATIONS

0	205	CLAY AND SAND
205	288	SHALE
288	475	SHALE
475	770	SHALE AND RED BED
770	780	ANHYDRITE
780	1280	SHALE AND SHELLS
1280	1600	SHALE
1600	2470	LIME AND SHALE
2470	2800	SHALE
2800	3122	LIME
3122	3310	SHALE AND LIME
3310	3510	LIME
3510	3555	LIME AND SHALE RTD
3563		No log
Total Depth		

RAN 13 JOINTS OF 8-5/8" CASING, SET @ 283' w/290 SACKS CEMENT.

TOPS: SCOUT	
Anhydrite	753
Heebner	3140
Toronto	3158
Douglas	3177
Brown lime	3257
Lansing	3269
B. Kansas City	3473
Contlomerate	3508

RAN 11 JOINTS OF 5 1/2" CASING, SET @ 3542' w/100 SACKS CEMENT.

I, E. E. HALL, CERTIFY THIS IS A CORRECT COPY OF THE DRILLERS' LOG FOR THE WELL DRILLED IN THE NE SW SE SECTION 20-20S-13W, BARTON COUNTY, KANSAS, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*E. E. Hall*

E. E. HALL

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK )

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC WITHIN AND FOR SAID COUNTY AND STATE, ON THIS 30TH DAY OF NOVEMBER, 1966, PERSONALLY APPEARED E. E. HALL, TO ME PERSONALLY KNOWN TO BE THE IDENTICAL PERSON WHO EXECUTED THE WITHIN AND FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME AS HIS FREE AND VOLUNTARY ACT AND DEED FOR THE USES AND PURPOSES THEREIN SET FORTH.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL THE DAY AND YEAR LAST ABOVE WRITTEN.

*Barbara J. Layton*  
 BARBARA J. LAYTON, NOTARY PUBLIC