

15-193-00025-00-00

Recvd  
12-3-54

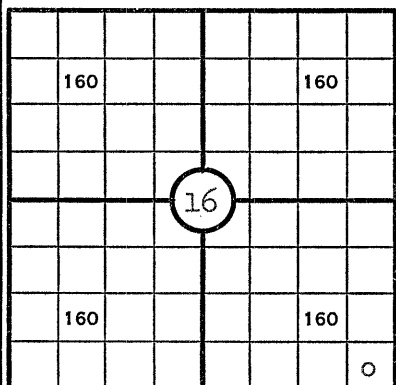
# THE DERBY OIL COMPANY

## WELL RECORD

PRODUCTION DEPARTMENT

640 Acres

N



LEASE Nickel WELL NO. 1

RECORD COMPILED November 15, 1954 BY Bill K. Henrichs

LOCATION SE SE SE ACRES 480

330 FT. FROM East LINE 330 FT. FROM South LINE OF

SEC. 16 TWP. 6 RGE. 35W COUNTY Thomas STATE

STAKED BY Glenn W. Sloan (Co. Engr.) DATE August 25, 1954

ELEVATION: GND. 3231 D.F. 3238 (est) K.B. 3241

ALL MEASUREMENTS ARE FROM \_\_\_\_\_ WHICH IS

\_\_\_\_\_ FT. ABOVE BRADEN HEAD.

POOL: \_\_\_\_\_

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY	10-11-54	10-29-54	0	4973	Nye & Snell
CABLE					

### PRODUCTION DATA

DATE	OIL	WATER	TYPE OF TEST	REMARKS

### CASING AND TUBING RECORD

SIZE HOLE DRILLED	DEPTH	CASING SIZE	WT.	THDS.	MAKE, TYPE, GRADE, NEW, USED	CASING POINT	CEMENT			REMARKS
							SACKS	TYPE	ESTIMATED TOP	
12 1/4 IN.	280	8 5/8	24#	8 rd	New, J-55, ss	265	200	Portland Surface	400# C.C.	

### SCRATCHERS

### CENTRALIZERS

### FLOAT EQUIPMENT

FROM	TO	NO.	DEPTH	NO.

**PLUGGING**  
 FILE SEC 16 TWP 6 RGE 35W  
 BOOK PAGE 74 LINE 23

# WELL LOG--(CONTINUED)

FORMATION	FROM	TO	NO. OF FEET	FORMATION	FROM	TO	NO. OF FEET
Sand, gravel & Shale	0	280	280				
Shale & Shells	280	1650	1370				
Shale & Sand	1650	1780	130				
Sand, Lime & Shale	1780	2135	355				
Sand & Shale	2135	2340	205				
Shale, Anh stks, pyrite stks	2340	2450	110				
Red bed & Shale	2450	2600	150				
Anhy. stks. and shale	2600	2665	65				
Shale, pyrite stks & Redbed	2665	2865	200				
Anhydrite & Shale	2865	3050	185				
Shale & Lime	3050	3225	175				
Lime, Shale & Pyrite stks	3225	3340	115				
Lime & Shale	3340	3470	130				
Shale & Lime	3470	3794	324				
Lime	3794	3810	16				
Lime & Shale	3810	4185	375				
Lime	4185	4261	76				
Cherty Lime & Shale	4261	4329	68				
Lime & Shale	4329	4385	56				
Lime	4385	4430	45				
Lime & Shale	4430	4460	30				
Lime	4460	4470	10				
Lime & Shale	4470	4555	85				
Lime, Shale & Chert	4555	4600	45				
Lime	4600	4624	24				
Lime & Shale	4624	4717	93				
Lime, Shale, Sand & Chert	4717	4743	26				
Lime & Shale	4743	4784	41				
Chert	4784	4810	26				
Lime & Chert	4810	4860	50				
Lime, Shale & Chert	4860	4896	36				
Chert, Lime & Dolo.	4896	4918	22				
Lime & Chert	4918	4973	55				
Rotary Total Depth	4973						

## GEOLOGICAL DATA

FORMATION	TOP	SUB-SEA DATUM	REMARKS (OIL OR GAS SHOWS)
Ft. Hays	1285	/1956	Penn. System 3680 - 439
Base Ft. Hays	1350	/1891	Tarkio 3789 - 548
Green Horn	1587	/1654	Topeka 3960 - 719
Graneros	1685	/1556	Heebner 4074 - 833
Dakota Group	1728	/1513	Toronto 4110 - 869
Morrison	2220	/1021	Lansing 4127 - 886
Blaine Anhy	2530	/ 711	Marmaton 4395 -1154
Base Blaine	2610	/ 631	Mississippian 4770 -1529
Anhydrite	2857	/ 384	Rotary Total Depth 4973 -1732
Ft. Riley	3200	/ 41	
Wreford	3279	- 38	
Council Grove Gp.	3350	- 109	
Cottonwood	3450	- 209	
Neva	3518	- 277	

# WELL RECORD--(CONTINUED)

WELL NO. 1

LEASE Nickel

## DRILL STEM TESTS

FORMATION TESTED	FROM	TO	TIME OPEN	RESULTS (Blow, Recovery, BHP, FP)
Penn. & Tarkio	3769	3794	30"	Weak blow 5", rec. 5' drlg mud, BHP 800#
Marmaton	4456	4470	60"	Strong blow, rec. 90' gas, 550' HOCgsySW, 270' VS10CSW (10% oil) & 1080' SW, BHP 1310#
Marmaton	4479	4522	30"	Rec. 5' drlg mud, BHP 240#
Marmaton	4603	4652	60"	Rec. 1560' muddy SW w/few specks of oil, BHP 1060#, IFP 260#, FFP 840#

## SURVEYS (LOGS)

TYPE	COMPANY	DATE
Laterolog Survey	Schlumberger	10-28-54

## COMPLETION RECORD

Dry & Abandoned

# WELL RECORD - (CONTINUED)

## ACIDIZING RECORD

DATE					
QUANTITY (GALS.)					
MAX. TUB. PR.					
MAX. CAS'G PR.					
BLANKET					
HOURS					
METHOD					
OIL BEFORE					
OIL AFTER					
WATER BEFORE					
WATER AFTER					
DONE BY					

### DEFLECTION

### PLUGGING RECORD

DEPTH	ANGLE	V. CORR.	
270'	1/2°		START <u>October 29,</u> 19 <u>54</u> FINISH <u>October 29,</u> 19 <u>54</u>
500'	1/2°		GIVE RECORD OF PLUGS DRIVEN, CEMENT, ROCK, ETC., MUD AND HOW PLACED, AND ALL PIPE LEFT IN HOLE.
1000'	1/4°		Mud to 260'
			Plug @ 260' w/15 sacks cement & 1/2 sack hulls
			Mud to 40'
			Plug @ 40' w/10 sacks cement & 1/2 sack hulls to bottom of cellar
			265' - 8 5/8" surface casing left in hole.

### ADDITIONAL INFORMATION & RECOMMENDATIONS