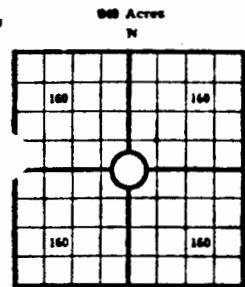


OPERATOR R. W. Shields

ADDRESS 666 4th Nat'l Bk. Bldg. Wichita,
Kansas

FORMATION RECORD

Give detailed description and thickness of all formation drilled through, contents of sand, whether dry, water, oil or gas.



COUNTY Decatur SEC. 31 TWP. 4S RGE. 26W
COMPANY OPERATING R. W. Shields
OFFICE ADDRESS 666 4th Nat'l. Bk. Bldg.
DRILLING STARTED 12/13/70 DRILLING FINISHED 12/20/70
DATE OF FIRST PRODUCTION _____ COMPLETED _____
WELL LOCATED C W/2 NW 1/4 NW 1/4, North of South
Line and _____ ft. East of West Line of Quarter Section
Elevation (Relative to sea level) DERRICK FLOOR 2593 GROUND 2590
CHARACTER OF WELL (Oil, gas or dryhole) Oil

OIL OR GAS SANDS OR ZONES

20 BOPD + 75 gpm

Name	From	To	Name	From	To
1			4		
2			5		
3			6		

Perforating Record If Any

Shot Record

Formation	From	To	No. of Shots	Formation	From	To	Size of Shot

CASING RECORD

Amount Set						Amount Pulled		Packer Record	
Size	Wt.	Thds.	Make	Ft.	In.	Size	Length	Depth Set	Make

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING

Size	Amount Set		Sacks Cement	Chemical		Method of Cementing	Amount	Mudding Method	Results (See Note)
	Ft.	In.		Gal.	Make				
10-3/4"	255'	175	sk.	cement					
5-1/2"	3698'	250	sk.	cement					

Note: What method was used to protect sands if outer strings were pulled?

NOTE: Were bottom hole plugs used? If so, state kind, depth set and results obtained

TOOLS USED

Rotary Tools were used from 0 feet to R.T.D. tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet, and from _____ feet to _____ feet

Rotary

INITIAL PRODUCTION TEST

Initial test: whether by flow through tubing or casing or by pumping

Oil production _____ bbls. Size of choke, if any _____ Length of test _____ Water

bbls. Gravity of oil _____ Type of Pump if pump is used, describe _____

Formation	Top	Bottom	Formation	Top	Bottom
Surface		229			
Shale	229	960			
Shale sand	960	1765			
Sand	1765	1890			
Shale shells	1890	2101			
Anhydrite	2101	2133			
Shale shells	2133	2390			
Shale lime	2390	3220			
lime shale	3220	3705'			

R.T.D. 3705'
5-1/2 Casing 3698'

Log Logs

* Anhydrite 2101
* Jackson 3192
* Howard 3284
* Keelby 3475
* Jarmita 3502
* Lansing 3516

* Sample Log

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Subscribed and sworn to before me this

2/15/71

29th day of

Name and title of representative of company

President December 70

Helen Carlson
Notary Public

Helen Carlson

31-4-26w