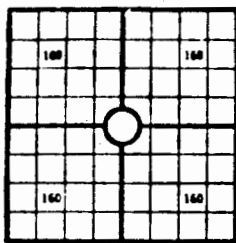


OPERATOR R. W. ShieldsADDRESS Wichita, Kansas666 Acres
N

Locate well correctly

COUNTY Decatur SEC. 31 TWP. 4S RGE. 26W
 COMPANY OPERATING R. W. Shields
 OFFICE ADDRESS 666 4th Nat'l Bldg.
 DRILLING STARTED 11/23/70 DRILLING FINISHED 12/27/70
 DATE OF FIRST PRODUCTION _____ COMPLETED _____
 WELL LOCATED C $\frac{1}{4}$ W/2 $\frac{1}{4}$ SW $\frac{1}{4}$ NW North of South
 Line and _____ ft. East of West Line of Quarter Section
 Elevation (Relative to sea level) DERRICK FLOOR 2576' GROUND 2573'
 CHARACTER OF WELL (Oil, gas or dryhole) Oil

OIL OR GAS SANDS OR ZONES

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 Ft. In.	Sacks Cement	Chemical Gal. Make	Method of Cementing	Amount	Mudding Method	Results (See Note)
3/4"	233'	160	sx. cement				
1/2"	3681'	250	sx. 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

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

Rotary

INITIAL PRODUCTION TEST

Initial tests: 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 RECORD

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

Formation	Top	Bottom	Formation	Top	Bottom
Surface		233			
Shale	233	900			
Shale & sand	900	1100			
Shale	1100	1515			
Shale sand	1515	1740			
Shale redbed	1740	2086			
Anhydrite	2086	2117			
Shale shells	2117	2750			
Shale lime	2750	3050			
Lime shale	3050	3682			
R.T.D.	3682				

Log Tops

Tops

Anhydrite
 Lansing
 Base Kansas City
 Log T.D.

2083'
 3491'
 3680'
 3681'

Tarkin
 Howard
 Helbner
 Jarota

3166
 3257
 3452
 3476

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

7th day of

President
 December 1970

My Commission expires

2/15/71

Helen Carlson

Notary Public.

31-45-26W

COUNTY Decatur

WELL NO. 1

FARM NAME ACKERMAN

KANSAS GEOLOGICAL SOCIETY

600 E. East
 Wichita
 Kansas

MAR 27 1971
 1871

31-45-26W
 4S
 31