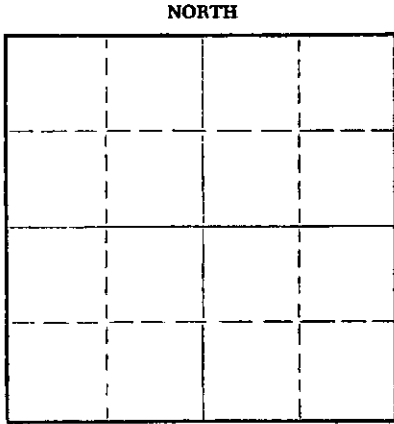


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

R  
WELL PLUGGING RECORD

Harper County, Sec. 33 Twp. 31S Rge. 5W (NE) (NW)

Location as "NE/CNW&SW" or footage from lines NE NE NW  
Lease Owner Natural Gas and Oil Company  
Lease Name Ioerger Well No. 1  
Office Address P. O. Box 105-Great Bend, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed 3-23 19 58  
Application for plugging filed 9-28 19 59  
Application for plugging approved 9-29 19 59  
Plugging commenced 10-21 19 59  
Plugging completed 10-23 19 59  
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production 9-30 19 59  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Fred Hampel  
Producing formation Simpson sand Depth to top 4638 Bottom 4656 Total Depth of Well 4659 Feet  
Show depth and thickness of all water, oil and gas formations. PBTD 4658 perf. 4653-56

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8"	307'	None
				5-1/2"	4659'	3492'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Checked the hole to 4658' and found it open. Filled with sand to 4620' and dumped 5 sacks of cement with bailer. Pulled 5 1/2" casing. Cleared hole and checked fluid to 180' and mud to 340'. Mudded the hole to 300' and bailed fluid to 300'. Set rock bridge to 290' and dumped 20 sacks of cement. Mudded the hole to 40', set rock bridge to 30' and ran 10 sacks of cement to base of cellar.

PLUGGING COMPLETED:

RECEIVED  
STATE CORPORATION COMMISSION  
NOV 2 1959  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Knight Casing Pulling Co.  
Address Chase, Kansas

STATE OF KANSAS COUNTY OF BARTON ss.  
J. B. Steele, Jr. (employee of owner) or (~~owner~~) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) J. B. Steele, Jr.  
Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 30th day of October, 19 59

Richard R. Black  
Notary Public.

My commission expires July 27, 1963



WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

15-077-10019-00-00

Company- NATURAL GAS & OIL CO.  
Farm- Ioerger No. 1

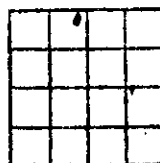
SEC. 33 T. 31 R. 5W  
NE NE NW

Rec'd

11-02-1959

Total Depth. 4659'  
Comm. 3-17-53 Comp. 3-24-58  
Shot or Treated.  
Contractor, Prime Drilg. Co.  
Issued. 5-31-58

County Harper  
KANSAS



CASING:  
8 5/8" 307' cem w/225 sx.  
5 1/2" 4659' cem w/265 sx.

Elevation. 1330' RB

Production. 240 BOPD, 5% Wtr.

Figures indicate Bottom of Formations.

sand, clay & red bed	40
red bed & sand	60
red bed & shale	425
shale & shells	700
shale, shells, salt	918
Anhydrite	965
shale & lime	3305
sand	3395
shale	3465
shale & lime	3550
shale	3568
lime	3875
shale & lime	4197
Mississippi lime	4208
cherty lime	4262
shale & lime	4293
lime, shale/cherty strks	4318
chert	4319
chert, cherty lime & shale	4333
cherty lime	4518
chert	4550
lime	4555
shale	4643
sand	4659
Total Depth	

TOPS: SCHLUMBERGER

Anhydrite	918
Kansas City	3570
Base Kansas City	3795
Marmaton	3868
Mississippi	4191
Kinderhook sh.	4537
Chatt. sh	4620
Simpson Sand	4638

DRILL STEM TESTS:

3702-3717, open 1 hr, fair blow for 1 hr.  
rec. 30' thin SI OCM & 50' watery  
mud, SI 20 min, IFP 15#, FFP 45#,  
BHP 975#.

4639-4643, open 1 hr, gas to surface in 17  
min, too small to gauge, rec. 330'  
gassy oil, 65' HO & GCM, IBHP 1870#,  
SI 20 min, IFP 25#, FFP 180#, BHP 1830#.

4643-4648, open 1 hr, rec. 1075' gas, 60' HO&GCM,  
IBHP 1340#, SI 20 min, IFP & FFP 0#,  
FEHP 1530#, still bldg.

Perf. 4653-56 w/6 bullets per foot.