

MAR 21 1972

FORM C-10

~~LEASE NO. 1174~~

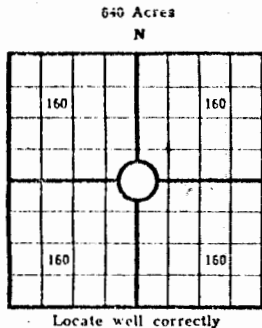
KANSAS CORPORATION COMMISSION

WELL RECORD

State Geological Survey
WICHITA BRANCH

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)

21-8-18W



API #15-163-20, 412

Lease Name: Mosher Well No. 1
 Well Located: Rooks County, Kansas
NE NE SE SEC 21 TWP 8S RGE 18W
 Operator: National Oil Company
 Address: 200 W. Douglas, Suite 550, Wichita, Ks.
 Elevation: Ground 1957 D.F. 1959 K.B. 1962
 Type Well: (Oil, gas, dry hole) Oil Well

Drilling Commenced: 1/19/72 19 Drilling Completed: 1/28/72 19
 Well Completed: 2/18/72 19 Total Depth 3385' RTD
 Initial Production: 34 BPH (test of 4 hrs.)

Casing Record

Size: 8 5/8" Set at 202' Size: Set at
 Size: 5 1/2" Set at 3378' Size: Set at

Liner Record

Size: Set from To

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8 5/8"</u>	<u>140 sx</u>	<u> </u>
<u>5 1/2"</u>	<u>150sx</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Perforations

Formation	Perforated Interval and Number Shots
<u>Base Ks.City</u>	<u>3338-41</u>
<u>Base Ks.City</u>	<u>3319-23</u>
<u>Base Ks.City</u>	<u>3294-3301</u>
<u>Base Ks.City</u>	<u>3277-3283</u>
<u>Base Ks.City</u>	<u>3255-3260</u>

Electric Log Run (Show type log and depths covered)

Radiation-Guard Log - from 2800' to 3376'
OK Log - Gamma 200' to 3381' - Neutron 200' to 3384'

(Fill in formation and related information on reverse side)

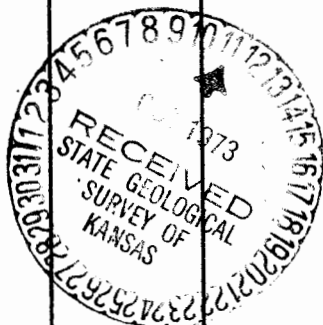
FORMATION, TESTING AND COMPLETION RECORD

21-8-18w
p. 2Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation	Top	Bottom	
Surface Hole	0	205	DST#1: 3086-3130 - Open 75" - 15-30-60-30
Shale & Sand	205	560	Strong blow throughout - Rec. 40' GIP -
Shale & Sand	560	1338	1020' Muddy Oil - ICIP:1065#/30", IF:52#
Anhydrite	1338	1369	FF:400#, FBHP:1033/30"
Shale & Sand	1369	1674	DST#2: 3144-3170 - Open 45" - Wk blow -
Lime & Shale	1674	2398	dead in 19" - Rec. 10' mud with show oil
Shale & Lime	2398	2965	in tool. ICIP 110#/30", IF:37#, FF:42#,
Lime	2965	3170	FBHP:52#/30".
Lime	3170	3193	DST#3: 3165-3193 - Open 75" - 15-30-60-30
Lime	3193	3245	Strong blow throughout - Rec. 1080' GIP
Lime	3245	3318	1610' clean gassy Oil - ICIP:1223#/30",
Lime	3318	3385	IF:31#, FF:527#, FBHP:1181#/30"
Total Depth	3385		DST #4: 3193-3213 - Open 60" - 15-30-45-30
			Strong blow thru-out - Rec. GTS 41", 2460'
			of Clean Oil - ICIP:1033#/30", IF:232, FF:875#
			FBHP:1012#/30", Temp 97
			DST #5: 3215-45 - Open 60" - 15-30-45-30
			Strong blow thru-out - Rec. 1550' gassy Oil
			ICIP:1073#/30", IF:84#, FF:527#, FBHP:1063#/30"
			DST #6: 3247-3287 - Open 75" - 15-30-60-30
			Strong blow thru-out - Rec. 1170' Oil -
			ICIP:1160#/30", IF:48#, FF:417#, FBHP:1082/30"
			DST #7: 3286-3345 - Open 120" - 15-30-105-30
			Good blow thru-out - Rec. 300' SOCM - 60' HOCM
			ICIP:1160#/30", IF:63#, FF:210#, FBHP:949#/30"
			DST #8: 3342-3385 - Open 120" - 30-30-90-45
			Good blow thru-out - Rec. 240' Muddy Oil
			150' HOCM - ICIP:715#/30", IF:84#, FF:179#,
			FBHP:643#/45"

SAMPLE TOPS

TC	2577
HEEB	3079
TOR	3103
LANS	3122
BKC	3345
ARB	3375
RTD	3385
DDTD	3387

SEE ATTACHED COPY FOR WELL STIMULATION
AND PRODUCTION TESTS

21-8-18W

COMPLETION REPORT

National Oil Company
No. 1 Mosher
NE NE SE Sec. 21-8S-18W
Rooks Co., Ks.

State Geological Survey
WICHITA, BRANCH

Elevation 1962 KB
1957 GL

8 5/8" @202 w/140 sx
5 1/2" @3378 w/150 sx

RTD: 3385



2/10/72 MICT

2/11/72 Drilled cmt & shoe - cleaned out hole

2/12/72 Had 450' fillup overnight - cleaned out hole
- swabbed hole dry & tested

2/13/72 700' fillup overnight - no free water
Swb dn & tested 3/4 bbl 1 hr
Acidized w/250 gal MA + 250 gal NE

2/14/72 Perf 3338-41
3319-23
3294-3301
3277-3283
3255-3260

Set plug @3287 - Acidized w/1000 gal NE - swb 20 BPH

2/15/72 Set pkr 3255-3260 - Acidized w/1000 gal NE
2/16/72 swb dn - tested 14 BPH

2/17/72 Set Pkr 3277-84 , 3294-3301, 3338-41, 3319-23,
Acidized w/1000 gal retarded A
Pulled tubg & pkrs - swb csg to 1700 for 3 hrs

2/18/72 Overnight fluid level 200' from top
Ran tubing & rods -

Rigged down

Waiting on pumping unit

*Copy to
Hos. Referred*