KANSAS

State Geological Survey

WELL COMPLETION REPORT AND DRILLER'S LOG

WICHITA BRANCH

Rooks

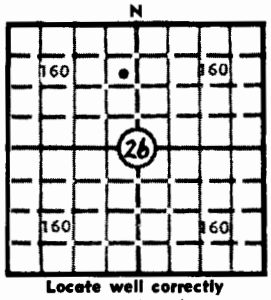
API No. 15 — 163-21,396 — [ ]
County Number

S. 26 T. 10 R. 18 E W

Loc. SE NE NW

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 2146

DF 4# KB X

Operator
D. J. Markley

Address
211 W. 36th Hays, Kansas 67601

Well No.	Lease Name
2	Shepard

Footage Location
990' feet from (N) (S) line 330' feet from (E) (W) line
North East

Principal Contractor	Geologist
Pioneer Drlg. Co.	Glen Diehl

Spud Date	Date Completed	Total Depth	P.B.T.D.
9/16/81	9/23/81	3800'	3727'

Directional Deviation	Oil and/or Gas Purchaser
2 Degrees	Mobil Oil

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Protect Fresh Water	12 1/4	8 5/8	20#	209.58	Common	135	2% GelPD
Long String	7 7/8	4 1/2	10.5	3723.01	Class H	180	# 3 120 cu ft. Lite Poz

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3636.75	0

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
16 shots 50'	Gls jet Strip	3636 - 3684
2 shots perft		3575 - 3577
		3538 - 3541
		3513 - 3515
		3471 - 3479
		3432 - 3436
		3416 - 3420

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fracture See atached Dpwell Invoice.	3636 - 3684
Squeeze Ditto	1522 - to Surface

STATE CORPORATION COMMISSION

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
10/7/81	Pumping

CONSERVATION DIVISION
Wichita, Kansas

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	45 bbls.	0 MCF	60 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Vented	Conglomerate & LKC

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

Operator	D. J. Markley	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name Shepard	Oil
S 26 T 10 R 18 E/W	Rooks Cty. Kansas	

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

D. J. Markley
Signature

OWNER - OPERATOR
Title

10-20-81
Date

7269

State Geological Survey
WICHITA BRANCH
RECEIVED
STATE CORPORATION COMMISSION
SEP 30
CONSERVATION DIVISION
Wichita, Kansas

WELL LOG

OPERATOR: D.J. Markley

WELL NAME: Shepard #2 LOCATION: SE NE NW 26-10s-18W

COUNTY: Rooks STATE: Kansas

WELL COMMENCED: September 15, 1981 WELL COMPLETED: September 23 , 1981

ELEVATION: 2151' K.B. TOTAL DEPTH: 3800'

PRODUCTION: Oil RIG NO: #4

CASING - 8 5/8": 5 Jts new 20# set @ 209.58' cemented with 135 sxs common 2%gel 3%cc P.D.@ 9:00 P.M. 9-16-81 did circ.

4 ½" ~~5x14x22~~: 89 Jts new 10.5# tallied @ 3723.01' set @ 3729' cemented with 150 sxs R.F.C. 500 gal CWC P.D. @ 1:45 A.M. 9-23-81

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	210'	clay	209' - 1 1/2 degree	
210'	400'			
400'	1495'	clay and sand		
1495'	1528'	anhydrite		
1528'	1805'	sand and shales	1805' - 1 1/4 degree	
1805'	2217'	shale and sand		
2217'	2433'	shale	2433' - 1 1/4 degree	
2433'	2628'	shales		
2628'	2834'	lime and shales		
2834'	3072'	lime and shale		
3072'	3235'	lime and shale		
3235'	3360'	lime and shale		
3360'	3471'	lime and shale		
3471'	3561'	lime and shale		
3561'	3623'	lime and shale		
3623'	3722'	lime and shale		
3722'	3775'	lime and shale		
3775'	3800'	arbuckle	3800' - 2 degree	
3800'	R.T.D.			