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091 - 22, 021

County.....Johnson.....
SE -KCC Record
.... NE. NE. Sec...31Twp 14..Rge. 22.. X East
West
3597 FSL and 683 FEL-KCC Record
...3245... Ft North from Southeast Corner of Section
...715... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

6. Lease Name.....Knabe.....Well 1...1...
oil lease; LOGAN R 5E
Field Name.....Wildcat.....

Producing Formation.....Bartlesville.....
Elevation: Ground.....n/a.....KB.....

KANSAS GEOLOGICAL SURVEY
FEBRUARY 1969

[illegible]

RECEIVED
CORPORATION COMMISSION

MAILED
p. JAN 10 1939
(tc.)
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:	Disposal
Docket #	Repressuring

 Mud Rotary Air Rotary Cable

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream,pond etc).....Ft West from Southeast Corner

Sec	Twp	Rge	East	West
-----	-----	-----	------	------

Other (explain).....
(purchased from city, R.W.D. #)

signature

Signature

Subscribed and sworn to before me this ...day of ...
19...

Date Commission Expires.....7-9-91.....

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached

C ☒ Wireline Log Received

C ☐ Drillers Timelog Received

Distribution

☒ KCC	☐ SMD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other

(Specify)

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Sec. 31 Twp. 14. Rge. 22E

SIDE TWO

Operator Name ...Robert S. Harwell..... Lease Name.....Knabe.....Well #...1...

Sec....31... Twp...14... Rge..22..... ☒ East
County.....Johnson..... ☐ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☒ Yes ☐ No

Formation Description
☐ Log ☐ Sample

Name Top Bottom

0	17	Clay	820	828	Sand dry
17	350	Shale & Lime	828	838	Shale
350	358	Shale	838	842	Sany shale
358	380	Lime	842	888	Shale
380	384	Shale	888	906	Sand oil show
384	412	Lime	906	920	Shale TD
412	416	Shale			
416	433	Lime Hertha			
433	600	Shale			
600	606	Sandy Lime			
606	620	Shale			
620	626	Sandy shale			
626	642	Lime			
642	644	Sandy lime			
644	646	Shale			
646	682	Shale			
682	685	Lime			
685	820	Shale			

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 JAN 10 1989
 CONSERVATION DIVISION
 Kansas

CASING RECORD ☒ Used						
Report all strings set-conductor, surface, intermediate, production, etc.						
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	Type and Percent Additives
surface	6.5/8	6.1/4		20	portland	6
casing (production)		2.7/8		920	portland	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record		
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth
3	892-900			60 bbl oil frac		
				40 sacks sand		
TUBING RECORD				Liner Run ☐ Yes ☒ No		
Size		Set At	Pecker et			
1"		910				
Date of First Production	Producing Method					
1-08-89	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity	
	5		0		22	
	Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Solid ☐ Other (Specify)
☒ Used on Lease

☐ Dually Completed
☐ Commingled

....892-900....

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