

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

10-6-37W

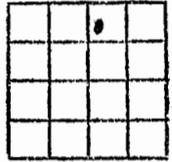
Company- PHILLIPS PETROLEUM COMPANY
Farm- Llanos No. 1

SEC. 10 T. 6 R. 37W
CW/2 NW NE

DISCOVERY WELL

Total Depth. 5001' PBTD 4960'
Comm. 4-2-58 Comp. 6-3-58
Shot or Treated.
Contractor.
Issued. 7- 5-58

County Sherman
KANSAS



Elevation. 3451 D.F.

Production. 319 BOPD & .4 BS&W

Figures indicate Bottom of Formations.

surface soil-clay	165	4011-4121/60/1930' muddy salt wtr. &
sand & shale	380	600' clean SW (ns) IBHP 1190#/20 mins.
shale	980	FBHP 1180#/20 mins. FP 470#, FBP 1110#.
shale & lime	1650	
shale	1845	4197-4263/60/155' mdy sw, few spks dead oil,
shale & sand	1995	IBHP 1270#/20 mins, FBHP 1187# 20 min. FP 87-208#
shale & lime	2280	
sand & shale	2345	4273-4330/60/300' wm few spks dead oil,
shale	2390	
shale-sand streaks	2440	4332-95/60/2000' mdy salt wtr, 1000' sulphur wtr
shale & lime	3160	IBHP 1320#/20 mins, FSIBHP 1280#/20 mins, FP
Anhydrite	3530	415-1280#.
shale & lime	3965	
lime	4130	4455-87/60/1100' fluid (650' gassy oil) 33.5
lime & shale	4310	grvty, 450' gsy hocm n/w FP 69-452#, IBHP 1381#
lime	4395	20 min, FSIBHP failed.
lime - chert	4440	
lime	4485	4594-4611/?/720' gas, rec. 3500' fluid, 3290' clec
lime & chert	4550	gassy oil, 210' mud & gcoil gr. 29.8, BHP 1437#
lime	4710	20 min, FBHP 1373#/20 min. FP 198-1200#.
lime & chert	4740	
chert	4755	4611-18/60/GTS 30 min. 3590' fluid 60' gas & mud
lime & chert	4800	cut oil, 3470' clean gassy oil, grvty 30, 120'
lime	4820	gas & mud cut oil, IBHP 1448#/20 min, FBHP 1442#
sandy lime	4833	20 min. FP 218#-1290#.
shale-sand-lime	4875	
lime & sand	4900	4647-71/60/8' m (ns) all press 45#.
lime-chert	4970	
lime	5000 RTD	4683-98/60/weak blow 11 min., rec. 90' mud (ns)
lime	5001	IBHP 1344#/20 min, FBHP 1520#/20 min. FP 34-58#,
Total Depth		
Plugged back to 4960'		4772-4800/60/320' gas, 1821' oil, IBHP 1764#/20
		min, FBHP 1581#/20 min. FP 70-572#, grvty 26.
TOPS:		
Nicbrara	1100	4800-4833/60/60' gas & 2875' clean gassy oil,
Ft. Hays	1540	grvty 41, IBHP 1115#/21 min, FBHP 1080#/20 min.
Base Ft. Hays	1610	FP 355-1047#.
Dakota	2010	4950-5001 mis-run
Anhydrite	3096	
Base Anhydrite	3131	4958-5001/60/rec. 2500' mdy salt water, IBHP 1187#
Neva	3628	20 min, FBHP 1162# 20 min. FP 225-1145#,
Foraker	3797	
Admire	3823	Perf. 32 S 4804-12.
Wabaunsee	3937	
Howard	4066	
Topeka	4089	
Heebner	4242	
Toronto	4272	
Lansing-Kansas City	4290	
Base Kansas City	4541	
Marmaton	4548	
Cherokee	4749	
Mississippi	4947	

DRILL STEM TESTS:

1100-1337/60/125' mud very sli rainbow, no
oil or taste. IBHP 198#, FBHP 326#/20 mins.
FP 154-185#.

May 11, 1958

4947
3096
1851

Phillips Petroleum # 1 Llanos 10-6s-37W; Sherman, 3453 df, Spud 4-2-58, 8 5/8" 370 w/100sx, 4 1/2" 5000 w/80 sx, Niobrara 1100 F. H. 1540 (+1913) B. Ft. H. 1610 (+1843) Dak 2010, Anh 3096 (+357) B. Anh 3131 (322) Neva 3628 (+175) Foraker 3797 (-344) Admire 3823 (-370) Wab 3937 (-484) Howne 4066 (613) Top 4089 Heeb 4242 (-789) Tor 4272 (-819) LKc 4290 (-837) BKc 4541 (-1088) Mra 4548 (-1095) Cher 4749 (-1296) Miss 4947 (-1494) RTD 5000, LTD 5001 (-1548) DST 1100-1337 60/125' mud very sli rainbow, no oil or taste, IBHP 198# FBHP 326# 20 min FP 154-185#, DST 4011-4121/60/1930' mddy salt wtr & 600' clean SW (ns) IBHP 1190# 20 min FBHP 1180# 20 min FP 470# FBP 1110#, DST 4197-4263/60/155' mdy sw, few spks dead oil, IBHP 1270# 20 min FBHP 1187# 20 min FP 87-208# DST 4273-4330/60/300' wa few spks dead oil, DST 4332-95/60/2000' mdy salt wtr, 1000' sulphur wtr IBHP 1320# 20 min FSIBHP 1280# 20 min FP 415-1280# DST 4455-87/60/1100' fluid (650' gassy oil) 33.5 grvty, 450' gsy hocrn n/2 FP 69-452# IBHP 1381# 20 min FSIBHP failed DST 4594-4611/7/720' gas rec 3500' fluid, 3290' clean gassy oil, 210' mud & gooil gr 29.8 BHP 1437# 20 min FBHP 1373# 20 min FP 198-1200# DST 4611-18/60/GTS 30 min 3590' fluid 60' gas & mud cut oil 3470' clean gassy oil, grvty 30, 120' gas & mud cut oil, IBHP 1448# 20 min FBHP 1442# 20 min FP 218#-1290# DST 4647-71-60/8'm (ns) All Press 45# DST 4683-98/60/weak blow 11 min, rec 90' mud (ns) IBHP 1344# 20 min FBHP 1520# 20 min FP 34-58#, DST 4772-4800/60/320' gas 1821' oil IBHP 1764# 20 min FBHP 1581# 20 min FP 70-572# grvty 26, DST 4800-4833/60/60' gas & 2875' clean gassy oil, grvty 41, IBHP 1115# 21 min FBHP 1080# 20 min FP 355-1047#. DST 4950-5001 Mis-run, DST 4958-5001/60/rec 2500' mddy salt water, IBHP 1187# 20 min FBHP 1162# 20 min FP 225-1145#, 4 1/2" 5000 w/80 sx, MI DRILLING IN UNIT. ran log. P.B. 4960
Perf. 32 shots 4804-12.
SWb. 119 bbls, oil 12 hrs.
Grav. 23.5
Pumped 367 bbls. 35 hrs.
Produced a total of 1028 bbls. oil
Completed 6-4-58 for 319 bbls. oil per day plus .4% BS & W.
Grav. 23 at 60.

-1494