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STATE OF MARYLAND
MARYLAND GEOLOGICAL SURVEY
The Johns Hopkins University
BALTIMORE, MARYLAND 21218

Permit Number G-74
Well Number One
Phillips Petroleum Co
Company
County Allegany

COMPLETION REPORT

(oil or gas well)

This report must be submitted within 30 days after completion of the wellWELL DESCRIPTION - KIND OF WELL: Gas
(Oil, Gas, Other)

NAME & WELL NO.	Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
<u>Ridge "A" No. 1</u>				
ELEVATION: <u>1001.1' RCB</u> LEASE: <u>980.7'</u>	<u>13 3/8" OD</u>	<u>32.62'</u> <u>@ 47'</u>	<u>32.62'</u>	
DRILLING COMMENCED: <u>6/4/66</u> DRILLING COMPLETED: <u>7/9/66</u>	<u>9 5/8" OD</u>	<u>978.38'</u>	<u>978.33'</u>	
PRODUCTION: <u>Pot'l test 9/5/66: 1.585 MCF Gas per day.</u>	<u>4 1/2" OD</u>	<u>4634.51'</u>	<u>4634.51'</u>	
RESERVOIR PRESSURE <u>1500#</u> psig <u>72</u> hrs.				
WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.)				
<u>7/4/66 Halliburton displaced csg w/ 750 gal. of acid & 57 bbls of fresh water while cementing 4 1/2" oil-string csg.</u>				PERFORATIONS AT:
<u>7/5/66 Halliburton pmp'd 5 bbls of spotted acid thru 4 1/2" csg perforations f/ 4373' to 4433' opposite lower Oriskany Sand.</u>				
<u>7/7/66 Halliburton frac treated perforations in 4 1/2" oil-string csg opposite Oriskany Sand w/ 37,250 gal. of 3% gelled acid w/ 30# of CW 6 per 1000 gallons. Used 200# of CW1 & 35,000# of 20-40 sand & sixty rubber-coated nylon ball sealers.</u>				
<u>8/25/66 Halli. & Airco acidized thru csg perf. in upper & lower Oriskany w/ 10,000 gal. hydrochloric acid 10% w/ allied additives. Max. treat. press. 3250# - Min. 2700#.</u>				
		CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)		
		<u>13 3/8" O.D. @ 47' w/ 80 sax cem. 6/4/66</u>		
		<u>9 5/8" O.D. @ 978.38' w/ 340 sax cem. 6/8/66</u>		
		<u>4 1/2" O.D. @ 4634.51' w/ 370 sax cem. 7/4/66</u>		
RESERVOIR PRESSURE AFTER TREATMENT:				
<u>72-Hour S.I. pressure 1500#.</u>				
RESULTS AFTER TREATMENT: <u>Four-point pot'l test taken 9/5/66: Calculated open flow 1.585 MCF gas per day.</u>				
REMARKS:		GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)		
		<u>6/28/66 Schlumberger Directional Survey</u>		
		<u>7/2/66 Schlumberger Gamma Ray Neutron, Formation Density & Temperature.</u>		
		<u>7/11/66 Halliburton temperature Survey</u>		
		<u>7/8/66 Schlumberger Temperature Survey</u>		

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GEOLOGICAL LOG

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RIDGE "A" #1

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FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Surface Soil & Shale	0 ⁸	47'				
Sand & Shale	47'	110'				
Sandy Shale	110'	3901'				
Purcell Lime	3901'	3965'				
Sandy Shale	3965'	4109'				
Onondaga Lime	4109'	4238'				
Oriskany Sand	4238'	4452'				
Helderberg Lime	4452'	4670'				
Plugged back		4598'	PBTD			
<u>PERFORATING RECORD:</u>						
7/5/66	Perforated Lower Oriskany Sand w/ 14 - .53" dia. holes, one hole per ft as follows:					
	4373'-4375'; 4381'-4384'; 4403'-4406'; 4411'-4414'; 4428'-4429' & 4431'-4433'.					
7/6/66	Perforated Upper Oriskany Sand w/ 74 - .53" dia. holes, one hole per ft as follows:					
	4241'-4244'; 4252'-4264'; 4266'-4268'; 4272'-4290'; 4298'-4329' & 4332'-4340'.					

This completion report is accurate to the best of my knowledge.

Date September 9, 19 66

APPROVED

E. S. Miles

E. S. MILES

By

Dist. Prod. Supt.

(Title)

COMPANY

Phillips Petroleum Company