

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by Paragraph B of the rules and regulations of the Oil and Gas Section of the mining laws of West Virginia!"

Edward C. Caswell
 EDWARD C. CASWELL
 Texas Reg. No. 5998

- NEW LOCATION.....
- DRILL DEEPER.....
- ABANDONMENT.....

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM E. C. KIMBLE
 TRACT ACRES 536 LEASE NO. 126431
 WELL (FARM) NO. A-1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 661.25' *Headsville 7.5' level*
 QUADRANGLE KEYSER *N.C.*
 COUNTY MINERAL DISTRICT FRANKFORT
 ENGINEER *Edward C. Caswell*
 ENGINEER'S REGISTRATION NO. TEXAS - 5998
 FILE NO. _____ DRAWING NO. _____
 DATE SEPT. 20, 1968 SCALE 1" = 1200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. Min-3

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Disc. Well *Headsville North* Deep Well (Hldbg) 1-1 Unmanned (335) Headsville North OCT 28 1968

Form OG-10 Orig-State
 1-R'ville
 1-Okla City
 1-File



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION A

Rotary
 Spudder
 Cable Tools
 Storage

Quadrangle Keyser
 Permit No. Min - 3

WELL RECORD

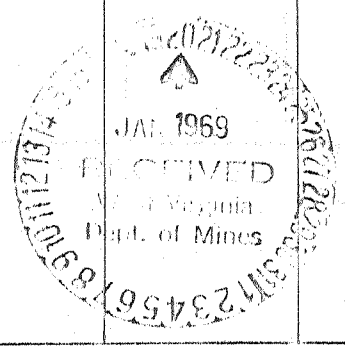
Oil or Gas Well Gas
 (KIND)

Company Phillips Petroleum Company
 Address Bartlesville, Oklahoma
 Farm Kimble #A# 536
 Location (waters) 20.450' S of Lat 39° 30' Acres. 536
 & 1625' W of long 78° 50'
 Well No. 1 Elev. 661' (GL)
 District Frankfort County Mineral
 The surface of tract is owned in fee by Ernest G. Kimble, et ux Address Keyser, W. Virginia
 Mineral rights are owned by Ernest G. Kimble, et ux Address Keyser, W. Virginia
 Drilling commenced 11-14-68
 Drilling completed 11-22-68
 Date Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume See reverse side Cu. Ft.
 Rock Pressure lbs. hrs.
 Oil bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) See reverse side
 WELL FRACTURED (DETAILS) See reverse side
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 511 McF 511,000
 ROCK PRESSURE AFTER TREATMENT SICP 520# HOURS
 Fresh Water Feet Salt Water Feet
 Producing Sand Oriskany Helderberg Depth
 1940-1964 1997-2157

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Set At:		
16			(50' sx by Hallib)
13 3/8 OD 48#	52	33.15	Kind of Packer
10 5/8 OD 24#	396.88	(Less thd)	(170' sx by Hallib)
8 1/4		380.88	Size of
6 3/4		(Less thd)	Depth set
5 3/16			
4 1/2 OD	2200	2185	Perf. top 1840 CA
3		(Less thd)	Perf. bottom 2157
2			
Liners Used Perf 4 1/2" in Oriskany - 38 .45 dia holes by Schlumberger Hyper Jet			Perf. top Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 4 1/2" SIZE 2185' Less Thds 11-23-68
 No. Ft. Date
 Amount of cement used (bags) 200 SX
 Name of Service Co.
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
DRILLER'S LOG:					FORMATION TOPS - SCHLUMBERGER LOGS		
Dark, Rock, Sand & Shale			0	52	Oriskany	- 1785'	
Sand			52	75	Helderberg	- 1970'	
Sand & Shale			75	403	Bass Island	- 2148'	
Lime & Shale			403	1036	(Lower Keyser Ls)		
Shale			1036	1276			
Lime & Shale			1276	1365			
Shale			1365	1523			
Lime			1523	1670			
Shale			1670	1786			
Sand (Show of gas @ 1880')			1786	1973			
Sand & Lime			1973	2130			
Lime			2130	2200.			
Total Depth				2200			
PPFD				2179			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
11-26-68	Howes fr sand, 2	old Oriskany 700 gals 3%	down 4" esp gelled acid,	184 50% FR16,	10-2157'. Used 500# WC6, 200# CWL. Impd in w/1 pmp	20-40 frac	10:04 had 236 bbls trtmnt in; pmpg rate 10:17 AM; 236 bbls Max Press Instant 10:27 AM; open set at 2126'. Released
11-27-68 thru 12-29-68	Well SI.	Blew well at intervals	to clean up.		SICP 500#	SITP 420#.	
12-30-68	Took 1 point test on	1/4" plate.	Dead weight		SICP 520#	SITP 303#.	
1-9-69	Received calculation on test:	CAOPF 511 MCFPD.					Well Shut In - No Market.

Date January 15, 1969, 19

APPROVED Phillips Petroleum Company, Owner

By A. T. Blagle (Title) District Dyk.
Box 227 - Grand Bend, Michigan 49730