

New Location
 Drill Deeper
 Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company PHILLIPS PETROLEUM CO
 Address BOX 229, EUREKA, KANSAS
 Farm HOPE NATURAL GAS CO.
 Tract FIRST Acres 500 APPROX. Lease No. _____
 Well (Farm) No. HOPE A.1 Serial No. _____
 Elevation (Spirit Level) 930
 Quadrangle MARIETTA - SE
 County WOOD District WALKER
 Engineer Warren S. Frank
 Engineer's Registration No. 3688
 File No. _____ Drawing No. _____
 Date OCT 3, 1964 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. WOOD-518

+ 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.

Sample Not Rec'd 3-0 Deep Well



State - 2
 B'ville - 1
 Okla. City - 1
 Dixon - 1
 File - 1

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION / 0

Quadrangle Marietta

Permit No. WOOD-518

WELL RECORD

Oil or Gas Well Dry Hole
(KIND)

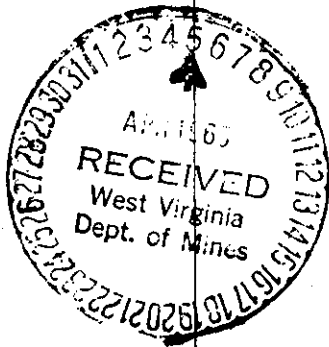
Company <u>Phillips Petroleum Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Bartlesville, Oklahoma 74004</u>				
Farm <u>Hope "A"</u> Acres <u>500 App.</u>	Size			
Location (waters) <u>969.99 KB</u>	<u>20"</u>	<u>118.65</u>	<u>118.65</u>	Kind of Packer
Well No. <u>One</u> Elev <u>967.99 DF</u>	<u>13-3/8"</u>	<u>2511.16</u>	<u>2511.16</u>	
District <u>Walker</u> County <u>Wood</u>	<u>9-5/8"</u>	<u>7722.75</u>	<u>7722.75</u>	Size of
The surface of tract is owned in fee by <u>Hope Natural Gas Co.</u> <u>445 West Main Street</u> Address <u>Clarksburg, West Va.</u>				
Mineral rights are owned by <u>Hope Natural Gas Company</u> <u>445 West Main Street</u> Address <u>Clarksburg, West Va.</u>				
Drilling commenced <u>11-18-1964</u>	8 1/4"			Depth set
Drilling completed <u>3-17-1965</u>	6 3/4"			
Date Shot _____ From _____ To _____	5 3/16"			Perf. top
With _____	3"			Perf. bottom
Open Flow _____ /10ths Water in _____ Inch	2"			Perf. top
_____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom
Volume _____ Cu. Ft.				
Rock Pressure _____ lbs. _____ hrs.				
Oil _____ bbls. 1st 24 hrs.				
WELL ACIDIZED _____				
WELL FRACTURED <u>See Attachment</u>				

CASING CEMENTED 20" SIZE 125' No. Ft. 12-6-64 Date
13-3/8" 2500' 12-28-64
9-5/8" 7674' 2-7-65

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____
 ROCK PRESSURE AFTER TREATMENT _____
 Fresh Water _____ Feet _____ Spilt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock			0	57			
Shale & Snd			57	103			
Lime & Shale			103	449			
Shale & Shells			449	575			20" @ 125'. Cmtd to Surf.
Sand & Shale			575	632			
Sand			632	701			
Shale & Sand			701	859			
Sand			859	959			
Shale & Shells			959	1020			
Sand			1020	1201			
Sand & Shale			1201	1245			
Sand			1245	1283			
Shale			1283	1542			
Shale & Sand			1542	1556			
Shale & Shells			1556	1584			
Shale & Sand			1584	1759			
Sand			1759	1777			
Sand & Shale			1777	1940			
Shale & Lime			1940	1963			
Sand & Shale			1963	1990			
Lime & Shale			1990	2016			
Sand & Shale			2016	2041			
Sand			2041	2044			
Sand & Shale			2044	2500			
Shale			2500	2508			13-3/8" @ 2500 w/1160 Sx Reg. Cmt, 429 Sx Diaceel D.
Shale & Sand			2508	2865			
Lime & Shale			2865	2935			
Shale			2935	3103			
Shale & Shells			3103	3215			
Lime & Shale			3215	3325			



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Lime & Shale			3325	3473			
Shale & Shells			3473	3608			
Lime & Shale			3608	3858			
Shale & Shells			3858	4024			
Shale			4024	4186			
Lime & Shale			4186	4308		5526	
Shale & Shells			4308	4384			
Shale & Lime			4384	4454			
Shale			4454	4468			
Shale & Shells			4468	4540			
Lime & Shale			4540	4700			
Sand & Shale			4700	4792			
Shale & Lime			4792	4985			
Sand & Shale			4985	5050			
Shale & Lime			5050	5130			
Shale			5130	5526			
Lime - Onondaga			5526	5745	5745	5526	5945
Sand - Oriskany			5745	5810	970	970	5810
Lime - Helderberg (top)			5810	5940		11556	970
Lime & Sand ^{Hell}			5940	6004	4775		
Sand & Dolomite ^{Hell}			6004	6058			
Sand & Lime ^{Hell}			6058	6104			
Lime & Shale			6104	6215			
Shale			6215	6285			
Lime & Shale ^{Newburg hidden in here}			6285	7062			
Lime, Sand & Shale ^{Keokuk}			7062	7118			
Shale ^{REHL.}			7118	7323			
Shale & Sand			7323	7485			
Sand - ^{Tuscarora}			7485	7606			
Sand & Shale			7606	7686			
Shale - ^{Juniata}			7686	9282			
Shale & Lime ^{Martinburg}			9282	9637			
Lime			9637	10134			
Lime & Shale ^{Jenkinson}			10134	10417			
Lime & Sand			10417	10600			
Dolomite			10600	10644			
Lime			10644	10667			
Sandy Dolomite			10667	11334			
Lime			11334	11517			
Lime & Shale			11517	11530			
Lime			11530	11541			
Lime & Sand			11541	11582			
Lime			11582	11905 TD			

9-5/8" Csg @
7674' w/1344 Sx
Cmt, 751 Sx Blw
cel D, 323' Dia
cel LWL, 336'
Flocele. Circ.
to Surface.

640

Date April 2, 1965

APPROVED PHILLIPS PETROLEUM COMPANY, Owner

By _____ (Title)
Area Superintendent

Perforated 9-5/8" casing with one 3/8" shot per foot from 7550' to 7556' and from 7562' to 7568'. Perforated with one 3/8" shot per foot from 7594' to 7598' in Tuscarora formation. No show of gas. Treated with 12 bbls mud acid. Flow well dry. Fraced with 500 bbls gelled water and 20,000# sand. Flow well dry with no gas. Shut in for 24 hrs with no pressure.

Set 9-5/8" Baker C.I. bridging plug at 6700' after filling with gelled water to 6500'. Ran 4 oz of cement on top of plug from 6700' to 6690'.

Perforated 9-5/8" casing with four 3/8" jet holes per foot from 6629' to 6636'. Pumped 300 gals. acid into formation. Flow well dry with no show of gas.

Fraced Silurian formation down 9-5/8" casing through perforations 6629' to 6636' with 8,000 gals. 7 1/2 galled acid and 6,000# sand. Flow hole dry recovering all free fluid with no show of gas.

5526
 970
 4556
 7062
 970

 6092

5745
 970

 4775

7485
 970

 6515
 7606
 970

 6636

7062
 3900

 11500





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Hope Natural Gas Company
COAL OPERATOR OR COAL OWNER
1445 West Main Street
Clarksburg, West Virginia
ADDRESS

Phillips Petroleum Company
NAME OF WELL OPERATOR
Drawer B
Bartlesville, Oklahoma
COMPLETE ADDRESS

Hope Natural Gas Company
COAL OPERATOR OR COAL OWNER
445 West Main Street
Clarksburg, West Virginia
ADDRESS

October 9, 1964
PROPOSED LOCATION
Burning Springs Area
Walker District

Hope Natural Gas Company
OWNER OF MINERAL RIGHTS
445 West Main Street
Clarksburg, West Virginia
ADDRESS

Wood County
Well No. One
Hope "A" Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Hope Natural Gas Company own drillsite in fee and also own all royalties. Well is being drilled by Phillips Pet. Co. Under drilling agreement between Hope Natural Gas Co. & Phillips Pet. Co.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, not returned to the above named coal operators or coal owners at their above shown respective address None day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, PHILLIPS PETROLEUM COMPANY

Copy of Permit
J. M. Dixon
Box 681
Indiana, Pa

Address of Well Operator

A.T. Magle
WELL OPERATOR
Area Superintendent
Box 229 STREET
Eureka CITY OR TOWN
Kansas STATE

*Section 3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

WOOD-518 PERMIT NUMBER

ANKET BOND

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATES. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>Hope Natural Gas Company</u> <small>COAL OPERATOR OR OWNER</small> <u>445 West Main St., Clarksburg, W. Va.</u> <small>ADDRESS</small>	<u>Phillips Petroleum Company</u> <small>NAME OF WELL OPERATOR</small> <u>Drawer B, Bartlesville, Oklahoma</u> <small>COMPLETE ADDRESS</small>
<u>Hope Natural Gas Company</u> <small>COAL OPERATOR OR OWNER</small> <small>ADDRESS</small>	WELL AND LOCATION <u>Walker</u> District <u>Wood</u> County
<u>Hope Natural Gas Company</u> <small>LEASE OR PROPERTY OWNER</small> <u>445 West Main St., Clarksburg, W. Va.</u> <small>ADDRESS</small>	Well No. <u>One</u> Hope "A" Farm

STATE INSPECTOR SUPERVISING PLUGGING Mr. Harry Stevens, Grantsville, W. Va.

AFFIDAVIT

STATE OF ~~WEST VIRGINIA~~ KANSAS
 County of GREENWOOD } ss:

A. T. Slagle, Dist. Supt. and and
 being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Phillips Petroleum Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of April, 1965, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			SIZE & HWD	CS# PULLED / CS# LEFT IN
Lime	Gelled Mud	11905 to 7900	None	20' / 118.65
	Cement	7900 to 7656	None	13-3/8" / 2511.16'
Tuscarora	Gelled Water	7656 to 6700	None	9-5/8" / 7722.75'
	Saker C.I. Bridging Plug	6700		
	Cement	6700 to 6690		
Silurian	Cement	6690 to 6590		
	Gelled Mud	6590 to 120		
	50 Sx Cement	120 to 6		
	Filled Cellar w/Dirt	6 to 0		
COAL BEAMS	DESCRIPTION OF MONUMENT			
(NAME)	None	12" x 16" Steel Marker Engraved		
(NAME)		"Phillips Petroleum Company, Hope		
(NAME)		"A" #12 Plugged 4-2-65. Set 33"		
(NAME)		Above Ground on 7" x 5" Pipe Base.		

and that the work of plugging and filling said well was completed on the 2nd day of April, 1965.

And further deponents saith not.

A. T. Slagle
 District Superintendent

Sworn to and subscribed before me this 6th day of April, 1965.

My commission expires
 August 14, 1966

Laura Lee Parbal
 Notary Public.
 Permit No. 1111-518-P

