

39° 30'

79° 45'

79° 50'

G.A. FEDERER  
S 38° W 132.0'

E.B. CONLEY

PLAIN VIEW SCHOOL HOUSE

HENRY RIGGLEMAN

ELIHU BORN



STONE

PHILLIPS PETROLEUM CO.

NEW WELL  
EL. 1791.0'

GLENN R. HOLMES, ET AL  
207 ACRES

STONE

V. HOLMES  
N 70° 24' W 1361.25'  
S 12° 30' W 150.15'  
S 70° 24' E 1361.25'  
N 12° 30' W 150.15'  
S 52° 06' W 1301.19'  
N 19° 15' E 594.0'

S 2° 31' W 407.9' 2

N 34° 45' E 625.35' 2  
N 47° 0' E 363.0'

N 26° 30' E 181.5'  
N 9° 30' E 198.0'

N 39° 0' E 165.0' 2  
N 44° 30' E 330.0' 2

N 55° 0' E 214.5'  
N 61° 0' E 198.0' 2  
DICKSON RICHARDSON



2 NE (F-12)

0.54 S. 39°  
0.95 W 79° 50'

Company PHILLIPS PETROLEUM CO.  
BARTLESVILLE, OKLAHOMA  
 Farm. GLENN R. HOLMES, ET AL  
 Tract B#1 Acres 207 107657  
 Ground Elev. 1811/1830.79 D.F.  
 Quad. THORNTON - N.C.  
 County: PRESTON Dist: VALLEY  
Rott Patterson  
3637  
8-6-62 1" = 800'

WELL LOCATION MAP  
PRES-102

Samples 6500 - 7830' 6-6 315 Deep Well (Electric logs)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 16

Quadrangle Thornton  
Permit No. PRES-102

WELL RECORD

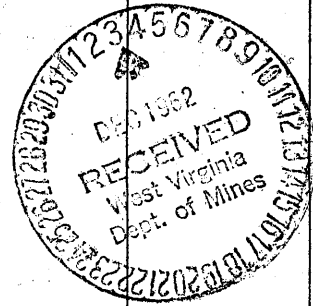
Oil or Gas Well Gas  
(KIND)

Company Phillips Petroleum Company  
Address Drawer B, Bartlesville, Oklahoma  
Farm Holmes "B" Acres 207  
Location (waters) Field Creek  
Well No. B- One Elev. 1850.04 RKB  
District Volley County Preston  
The surface of tract is owned in fee by See Attachment #1  
Mineral rights are owned by See Attachment #1  
Drilling commenced September 20, 1962  
Drilling completed November 2, 1962  
Date Shot - From - To -  
With -  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Small Flare Gas for 2 Minutes. Not Cu. Ft.  
Enough Gas to Measure.  
Rock Pressure lbs. hrs.  
Oil - bbls., 1st 24 hrs.  
WELL ACIDIZED -  
WELL FRACTURED See Attachment #2 2,000 MCF Huntersville

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
13-3/8"	24'	24'	
10-5/8"	997'	997'	Size of
6 3/4"			Depth set
5-1/2"	7581'	7581'	Perf. top
3"			Perf. bottom
2"			Perf. top
Liners Used			Perf. bottom
	13-3/8"	48'	9-21-62
	8-5/8" SIZE 1000'	No. Ft.	9-25-62 Date
	5-1/2"	7581'	10-25-62
COAL WAS ENCOUNTERED AT	FEEET	INCHES	
	FEEET	INCHES	FEEET INCHES
	FEEET	INCHES	FEEET INCHES

RESULT AFTER TREATMENT  
ROCK PRESSURE AFTER TREATMENT Shut in pressure after 14 hrs 3300#.  
Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil			0	48			
Sandy Shale			48	85	Water	51'	13-3/8" Csg @ 48' RKB w/ 29 Sx Cmt.
Sandy Lime			85	140		(Small Amt)	
Sand			140	425			
Sand & Shale			425	3806			
Shale			3806	3813			8-5/8" Csg @ 1000' RKB w/ 100 Sx Cmt.
Shale & Sand			3813	3947	7497	7491	
Shale			3947	4006	1850	1850	
Shale & Sand			4006	4127	5647	5841	7767
Shale			4127	4176			1850
Sand & Shale			4176	4748			5917
Shale			4748	4927			
Sand & Shale			4927	4969			
Shale			4969	5024			
Shale & Sand			5024	5062			
Shale			5062	5820			
Shale & Lime Strks			5820	5980			
Shale			5980	6043			
Shale & Lime Strks			6043	6271			
Shale, Sand & Lime			6271	6406			
Shale			6406	6457			
Shale & Sand			6457	6490			
Shale			6490	7036			
Shale & Lime			7036	7166			
Lime			7166	7185			
Shale			7185	7375			
Shale & Chert			7375	7511			<u>Huntersville</u>
Chert			7511	7527			Top Chert 7517'
Chert			7527	7646	Gas	7580'	5 1/2" Csg @ 7527' w/ 500 sx Cmt.



Formation	Color	Hard or Soft	Top 16	Bottom	Oil, Gas or Water	Depth Found	Remarks
Chert & Sand Sand Lime Cherty Lime			7646 7700 7767 7788	7700 7767 7788 7830 TD			Top Oriskany 7688' Top Helderberg 7755'

Date November 28, 1962

APPROVED Phillips Petroleum Company, Owner

By A.T. Hagle  
(Title)  
District Superintendent

(16A)

PERMIT NO. PRES-102

ATTACHMENT NO. 2

11-4-62, Dowell pumped in 6 bbls of 15% acid. Loaded 5-1/2" casing with 181 bbls fresh water. Pumped into formation with 34 bbls. Sand fraced with 16,000# of 20-40 mesh sand and 20,000 gallons gelled water. Flushed with 181 bbls of fresh water. Added 2 quarts of radio-active material in last 50 bbls of frac material. Maximum treating pressure 3700#. Shut-in pressure after 9 hours 1500#. Opened well for 8 hours and flowed 850 bbls of treating fluid and water. Then tested at the rate of 2,000 MCF gas per day. Shut in.

