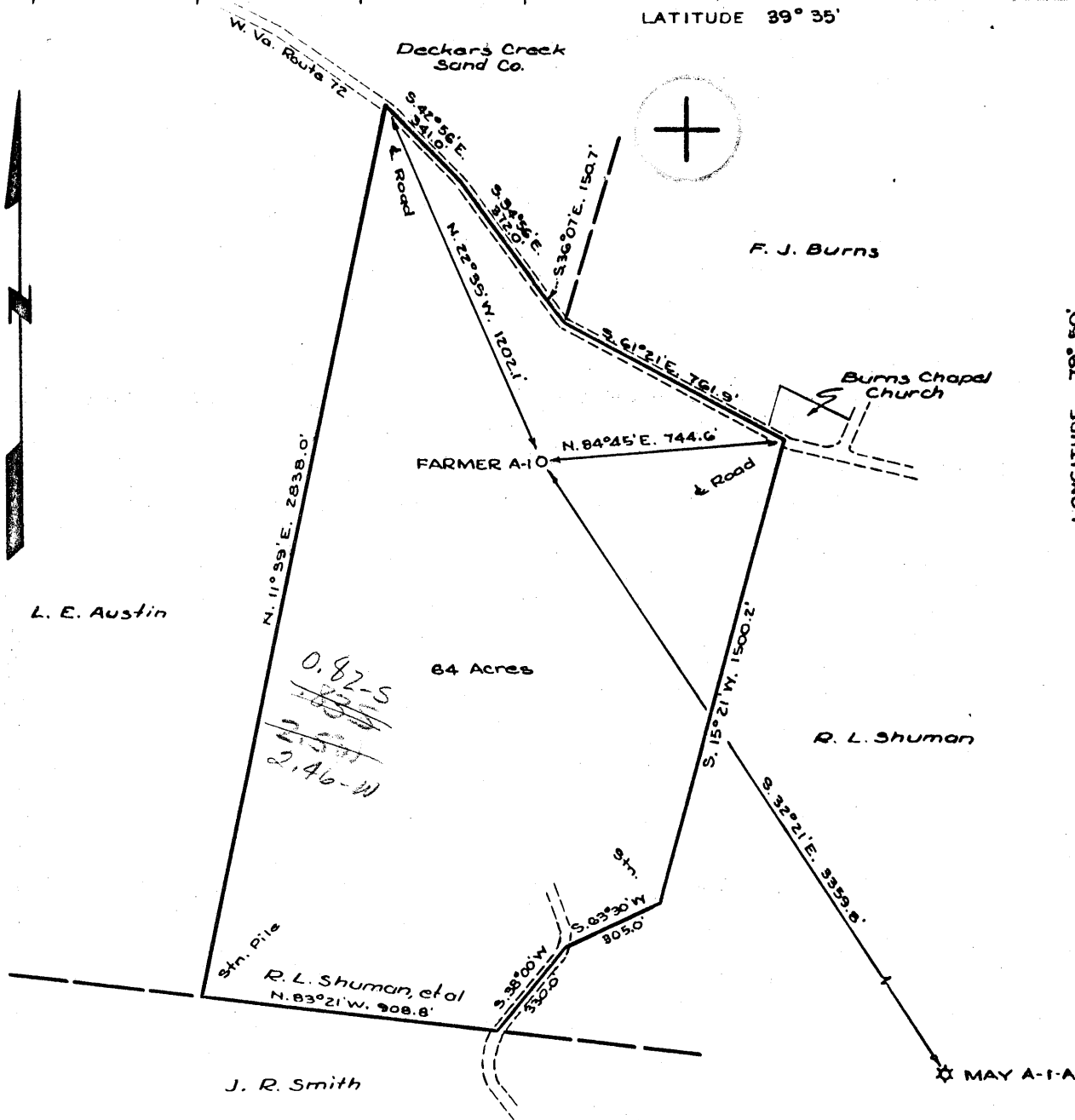


LATITUDE 39° 35'

LONGITUDE 79° 50'



"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 5 of the rules and regulations of the Oil and Gas Section of the mining laws of West Virginia."

W. A. Case

W. A. CASE
Okla. Reg. L.S. #124

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

COMPANY PHILLIPS PETROLEUM COMPANY

ADDRESS BARTLESVILLE, OKLAHOMA

FARM FARMER

TRACT _____ ACRES 64 LEASE NO. G-10-8750

WELL (FARM) NO. A-1 SERIAL NO. _____

ELEVATION (SPIRIT LEVEL) 2079.5'

QUADRANGLE MORGANTOWN SC

COUNTY MONOGALIA DISTRICT MORGAN

ENGINEER W. A. Case

ENGINEER'S REGISTRATION NO. OKLA. REG. L.S. #124

FILE NO. _____ DRAWING NO. _____

DATE JANUARY 15, '69 SCALE 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. Mon-321

+ 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.

6-6 South Burns Chapel 313 Deep Well (Hdb)

MAY 11 1969



Note: Consolidated Gas Supply Corp. assumed 100% ownership of this well effective 12:01 AM, June 11, 1969.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Morgantown

WELL RECORD

Permit No. MON-321

Oil or Gas Well Gas (KIND)

Company Phillips Petroleum Company
Address Box 287, Great Bend, Kansas 67530
Farm FARMER "A" Acres 64
Location (waters) 1100' S of Lat 39°35' and 13,100' W of Long 79°50'
Well No. 1 Elev. GL 2079.5'
District Morgan County Monongalia
The surface of tract is owned in fee by Rob't L. Shuman et al & Geo. R. Farmer, Jr. Address Morgantown, W. Va.
Mineral rights are owned by Same Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		(OA)	
13-3/8" OD	52'	32'	50 sx by Hallib
9-5/8" OD	1028'	1025'	350 sx by Hallib
6 1/2" OD	8300'	8300'	225 sx by Hallib
3			Perf. top <u>7990</u>
2			Perf. bottom <u>8063</u>
Liners Used			Perf. top <u>(35 holes)</u>
			Perf. bottom _____

Drilling commenced 5-17-69
Drilling completed 6-7-69
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 Pmpd plug down w/1000 gals MSA acid & 106 BFW. See reverse side f/other acid jobs

WELL FRACTURED See reverse side

CASING CEMENTED 4 1/2" OD SIZE 8300 Less Thds No. Ft. 6-11-69 Date
Hallib cmtd w/225 sx reg w/20% Diacel D

COAL WAS ENCOUNTERED AT 94-100 FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

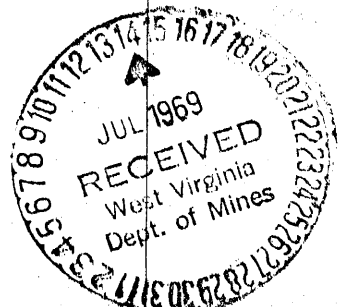
RESULT AFTER TREATMENT See reverse side

ROCK PRESSURE AFTER TREATMENT SICP 3500#, SITP 2900#

Fresh Water 88 Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil, rock			0	53	FORMATION TOPS - Per		Electric Logs
Sand & shale			53	333	Tully Lime	-	7457'
Shale & lime			333	924	Onondaga Lime	-	7972' ✓
Lime, shale, sand			924	1003	Onondaga Chert	-	7987' ✓
Shale & lime			1003	1316	Oriskany Sand	-	8179' ✓
Shale			1316	1342	Helderberg Lime	-	8236' ✓
Shale & lime			1342	5377			
Shale			5377	7480			
Lime - Tully			7480	7510			
Lime & shale			7510	7800			
Shale - <u>Harrisville & Huntersville</u>			7800	7990			
Chert - <u>Huntersville</u>			7990	8200			
Sand - <u>Oriskany</u>			8200	8278			
Sand, Lime - <u>Helderberg</u>			8278	8300			
				8300	Total Depth		

3,322,000 3,322 Mc



Formation	Color	Hard or Soft	Top S	Bottom	Oil, Gas or Water	Depth Found	Remarks
6-13-69							Halliburton frac'd thru perf 7990-8063' w/18,500# 20/40 sand, 2000 gals 28% acid pack
6-15-69							5000 gals acid jel, 2000# WG-6 & 300# CW-1, flshd w/1180 BW, MP 5000#, ISIP 3900#
6-16 thru 6-26-69							17 hr SITP 250#, CP 3200#.
6-27-69							Blew well periodically to clean up well. On 6-26-69 SITP 2900#, SICP 3500#. Took four point potential test. CAOFP 3322 MCFPD.

Date July 9, 19 69

APPROVED Phillips Petroleum Company, Owner

By A. H. Hagle Dist. Supt.
(Title)