



"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."

NEW LOCATION

DRILL DEEPER

ABANDONMENT

calc 15' loc

5275

420W

Edward C. Caswell

EDWARD C. CASWELL

Texas Reg. No. 5998

COMPANY PHILLIPS PETROLEUM COMPANY

ADDRESS BARTLESVILLE, OKLAHOMA

FARM GREER STEEL COMPANY

TRACT 3 ACRES 481.1 LEASE NO. C-70087

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

ELEVATION (SPIRIT LEVEL) 2068.2

QUADRANGLE Masontown 7.5' 9.5' E
MORGANTOWN

COUNTY MONONGALIA DISTRICT MORGAN

ENGINEER Edward C. Caswell

ENGINEER'S REGISTRATION NO. 5998 - TEXAS

FILE NO. _____ DRAWING NO. _____

DATE MAY 29, 1968 SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. Mon-317

+ 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.

Deep Well (Oriskany)

SEP 23 1968

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
ACID AND FRACTURE DETAILS FOR REVERSE SIDE:							
9-13-68							Halliburton frac'd Chert down 4 1/2" csg thru perforations 7889-7069'. Pumped in w/2 pumps @ 2300#, 2000 gals 3% gel @ 2950#: pumped in w/10 pumps @ 4800#, no break in formation; frac'd with 55,000# 20-40 frac sand, 1950# of WC-6, 300# CWI, 57,400 gals 3% gelled acid; total fluid used 64,640 gals. Used 5 perf balls when 525 bbls in formation; ball hit with 653 bbls in; press 4350 to 4450#, used 5 balls when 765 bbls in; ball hit with 893 bbls in; press 4450 to 4500#. MF 4800#, Min 4300#. Impg rate 42 BPM; 4725 HF on location - 4658 HF used. ISIP 3200#, 5 min SIP 2875#. Opened to pit 10:42 AM, 9-13-68. Avg treating press 4525#. Ran 2-3/8" tbg set @ 8005.65'. Flowed frac water for 16 1/2 hrs. 317
9-14-68							SI 3:00 AM. 4 1/2 hr SITP 2750#. Flowed 35 bbls frac water in 4 hrs. SICP 3000#, SITP 2550#.
9-15-68							SI 24 hrs - SICP 3150#, SITP 2700#.
9-18-68							SICP 3350#, SITP 2750# - blew well 4 mins. & recovered 10 bbls treating fluid.
9-19-68							SICP 3300#, SITP 3300# - blew well 8 mins. thru tubing - no fluid recovery.
9-30-68							Well SI 11 days - SICP w/dead weight 3401#, SITP 3398#. Took 4 point test. Gas volume - CAOPF 10,189 MCFPD.

Date 10-9, 1968

APPROVED A. T. Slagle, Owner

By A. T. Slagle Dist. Supt. (Title)