

COMPANY PHILLIPS PETROLEUM COMPANY

ADDRESS BARTLESVILLE, OKLAHOMA

FARM GLENN R. HOLMES, ETAL

TRACT _____ ACRES 128 LEASE NO. 108276

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

ELEVATION (SPIRIT LEVEL) 1919.8

QUADRANGLE MORGANTOWN 5C

COUNTY PRESTON DISTRICT VALLEY

ENGINEER Edward C. Caswell

ENGINEER'S REGISTRATION NO. 5998 - TEXAS

FILE NO. _____ DRAWING NO. _____

DATE OCTOBER 20, 1967 SCALE 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. PRES-1216

+ 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.

6 313 1001 1967 Deep Well (Oriskany)



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Rotary [] Spudder [] Cable Tools [] Storage []

Quadrangle Morgantown

WELL RECORD

Oil or Gas Well Gas (XMS)

Permit No. P.C.S.-126

Company Phillips Petroleum Address Bartlesville, Oklahoma Farm Holmes "D" Acres 128 Location (waters) *See reverse side. Well No. 1 Elev. 1919.8 District Valley County Preston The surface of tract is owned in fee by Glenn R. & Hester Holmes Address Morgantown, W. Va. Mineral rights are owned by Same Address Drilling commenced November 3, 1967 Drilling completed December 7, 1967 Date Shot None From To With

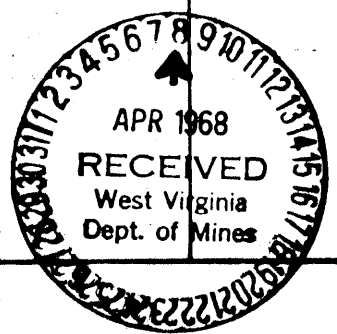
Table with 4 columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Includes rows for size, set depth, packer kind, and perforation details.

Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume 14,400 MCF/day (GAOFP) Cu. Ft. Rock Pressure 3500 psig lbs. 1248 hrs. Oil None bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) Beoke down Oriskany perf. f/ 7664' to 7690' w/ 5 bbls acid WELL FRACTURED (DETAILS) **See reverse side.

Attach copy of cementing record. CASING CEMENTED 4 1/2" SIZE No. Ft. 11/21/67 Date Amount of cement used (bags) 225 SgX Name of Service Co. Halliburton COAL WAS ENCOUNTERED AT None FEET INCHES FEET INCHES FEET INCHES 14,400 MCF

RESULT AFTER TREATMENT (Initial open Flow or bbls.) See gas volume above. ROCK PRESSURE AFTER TREATMENT HOURS Fresh Water @ 57', 80' & 1850 Feet Salt Water Feet Producing Sand Onondaga Chert & Oriskany Depth 7788' - PBD 7732'

Table with 8 columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists geological layers like Surface Soil, Sandy Shale, Lime, Sand, Shale & Lime, etc.



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
*LOCATION F/ REVERSE SIDE:							
11,500 FEET EAST OF LONGITUDE 79 DEG. 55 MINUTES & 1500 FEET NORTH OF LATITUDE 39 DEG. 31 MIN., VALLEY DISTRICT, PRESTON COUNTY, WEST VIRGINIA.							
**WELL FRACTURE DETAILS:							
Frac treated 4 1/2" csg perf. f/ 7455' to 7690' opposite Chert & Oriskany w/ 55,000 gal. of 3% gelled acid; 51,500# of 20-40 sand plus allied additives - pmp inj. rate 41 bbls/minute; minimum treat. press. 4300#; max. treat. press. 5000#; instant SIP 3400#.							

Date April 3, 19 68

APPROVED E. S. Miles, Owner

By E. S. Miles Dist. Prod. Supt.
(Title)