

Latitude

39°35'

105°62'

Longitude

1.325
2.11W
0 → OGIS
7.5' loc
Kla 7/20/1999

Topo Location

7.5' Loc. _____ 15' Loc. 1.325
_____ (calc.) 2.11W

Company _____

Farm _____

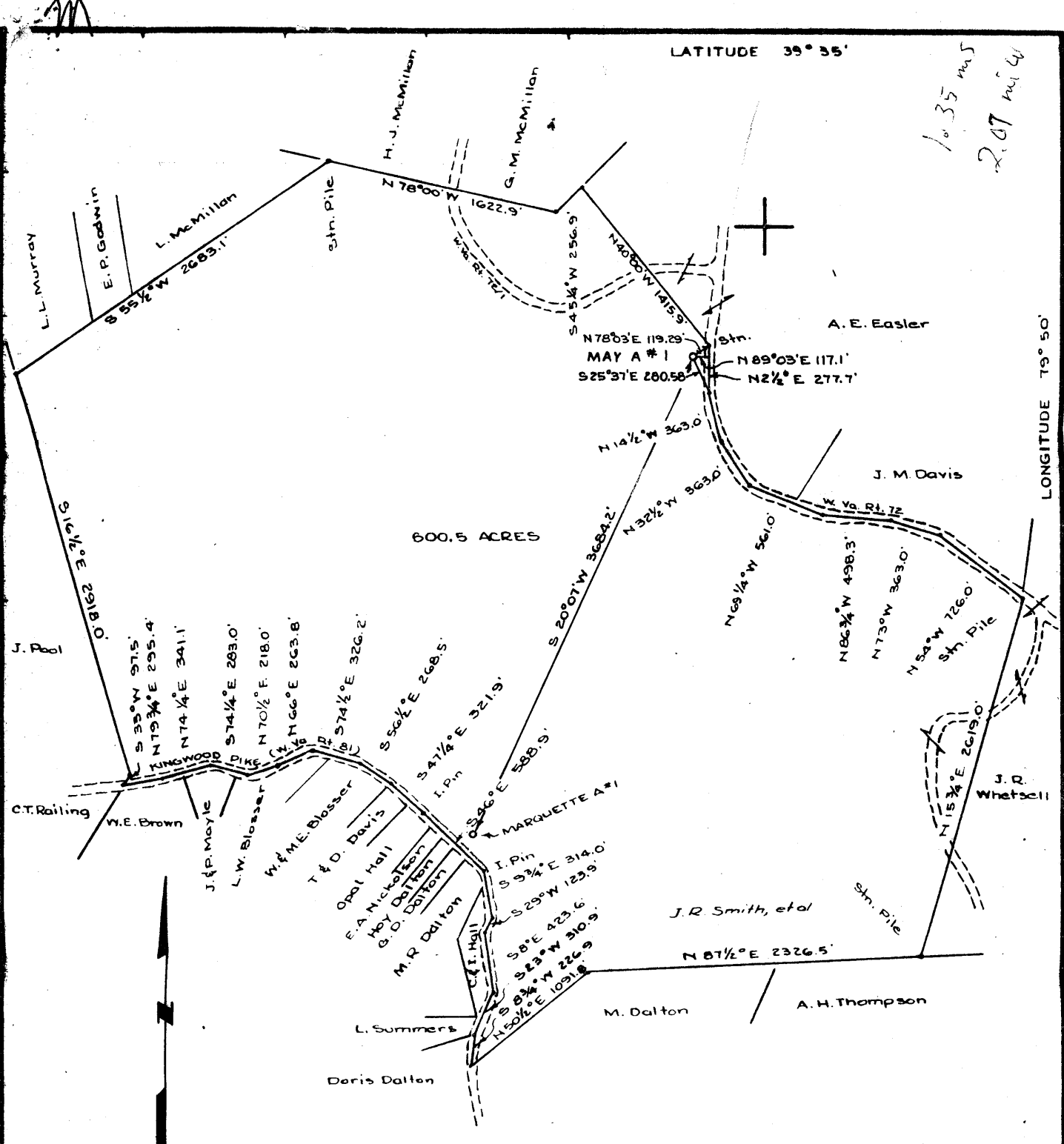
15' Quad Morgantown SC
(sec.) _____

7.5' Quad Masonstown

District _____

WELL LOCATION PLAT

County 061 Permit 307



LATITUDE 39° 35'

LONGITUDE 79° 50'

1035 m.s.
2.07 mi. W

600.5 ACRES

- 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 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."

Edward C. Caswell
 EDWARD C. CASWELL
 Texas Reg. No. 5998

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM CLIFFORD JAMES MAY
 TRACT _____ ACRES 600.5 LEASE NO. 110373
 WELL (FARM) NO. A-1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 2185.5'
 QUADRANGLE MORGANTOWN - SC Morgantown
 COUNTY MONONGALIA DISTRICT MORGAN
 ENGINEER Edward C. Caswell
 ENGINEER'S REGISTRATION NO. 5998 - TEXAS
 FILE NO. _____ DRAWING NO. _____
 DATE MARCH 20, 1967 SCALE 1" = 1000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. MON-307
 DPT/DPD
 7.5' + DENOTES LOCATION OF WELL ON UNITED
 3/4" 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.

DPD TUSC
 Deepwell (Tuscarora)
 (Tuscarora)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
WELL RECORD

Rotary
Spudder
Cable Tools
Storage

Quadrangle Morgantown

Permit No. MON-307

Oil or Gas Well Gas
(KIND)

Company Phillips Petroleum
Address Bartlesville, Oklahoma
Farm May "A" Acres 600.5
Location (waters) *See reverse side.
Well No. 1-A Elev. 2183.5'
District Morgan County Monongalia
The surface of tract is owned in fee by **See reverse side.
Address _____
Mineral rights are owned by Same as surface tract.
Address _____

Drilling commenced May 9, 1967
Drilling completed October 14, 1967
Date Shot None From _____ To _____
With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume See reverse side. Cu. Ft.
Rock Pressure 2 lbs. hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) See reverse side.
WELL FRACTURED (DETAILS) See reverse side.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) See reverse side.

ROCK PRESSURE AFTER TREATMENT _____ HOURS

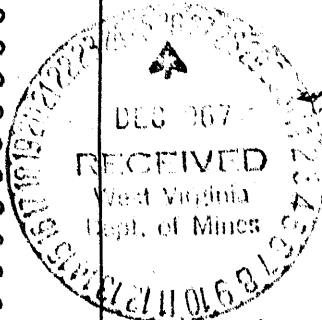
Fresh Water 106' & 190' Feet Salt Water _____ Feet

Producing Sand Chert & Oriskany 7666'-7957'; Tuscarora 10792' Depth 10998' PBTD 11,054'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Set @		(30 Sax) by Halli.
16 16"	31'	18'	Kind of Packer
13			(460 Sax) by Halli.
10 10 3/4"	1010'	1004.82'	Size of
8 7/8"	9150'	9162.72'	(408 Sax) by Halli.
6 3/4"			Depth set
5 3/16"			
4 1/2"	11065'	11075.70'	(362 Sax) by Halli.
3			Perf. top
2 ***Cut off 4 1/2" csg @ 7600'			Perf. bottom
Liners Used pl'd 7650.40' (overall)			measurement)
			Perf. top
			Perf. bottom

Attach copy of cementing record _____
CASING CEMENTED 4 1/2" SIZE 11075.70' No. Ft. 9/22/67 Date
Amount of cement used (bags) 362 sax
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand Stone			0'	44'	PERFORATION RECORD -		
Sand			44'	85'	TUSCARORA SAND: 4 1/2" csg - 9/26/67		
Sand, Shale, Red Rock			85'	440'	10792'-93'	1 .53" dia. hole	
Sand			440'	1010'	10795'-96'	1 Do	
Sandy Lime			1010'	1235'	10805'-06'	1 Do	
Sand			1235'	1692'	10813'-14'	1 Do	
Red Rock & Sand			1692'	2209'	10827'-29'	2 Do	
Sandy Shale			2209'	2860'	10857'-60'	3 Do	
Shale			2860'	3478'	10864'-66'	2 Do	
Shale & Lime Streaks			3478'	4070'	10867'-69'	2 Do	
Shale			4070'	7242'	10873'-76'	3 Do	
Fully Lime			7242'	7352'	10884'-86'	2 Do	
Shale - <u>Hunterville</u>			7352'	7550'	10892'-94'	2 Do	
Marcellus Shale			7550'	7646'	10898'-99'	1 Do	
Onondaga Lime			7646' -5462	7662'	10900'-01'	1 Do	
Onondaga Chert - <u>Hunterville</u>			7662'	7932'	10910'-11'	1 Do	
Oriskany Sand			7932' -5948	7985'	10914'-17'	3 Do	
Melderburg Lime			7985'	8264'	10923'-25'	2 Do	
Bass Inland Lime (Tombstown)			8264'	8468'	10943'-44'	1 Do	
Salina Formation			8468'	8769'	10945'-46'	1 Do	
Silurian Salt } <u>Wills Creek</u>			8769'	9044'	10949'-50'	1 Do	
Dolomite } <u>519</u>			9044'	9511'	10954'-55'	1 Do	
Salt			9511'	9556'	10960'-61'	1 Do	
Dolomite } <u>519</u>			9556'	9797'	10969'-71'	2 Do	
Lockport Dolomite			9797'	10207'	10975'-77'	2 Do	
Rose Hill Shale			10207'	10664'	10985'-86'	1 Do	
Upper Tuscarora			10664' -8480	10777'	10996'-98'	2 Do - total of 40 holes	
Lower Tuscarora			10777'	T.D. 5	See reverse side for Chert & Oriskany		
(Dr'd to 11065') - PBTD 11054'				11065'	perforations.		



7646
2184
5462
9556
2184
7372

CC: Consolidated Gas Supply Corp., 445 W. Main St., Clarksburg, W. Va., 26302

Bartlesville Prod. File JAN 2 1968 (Over)

