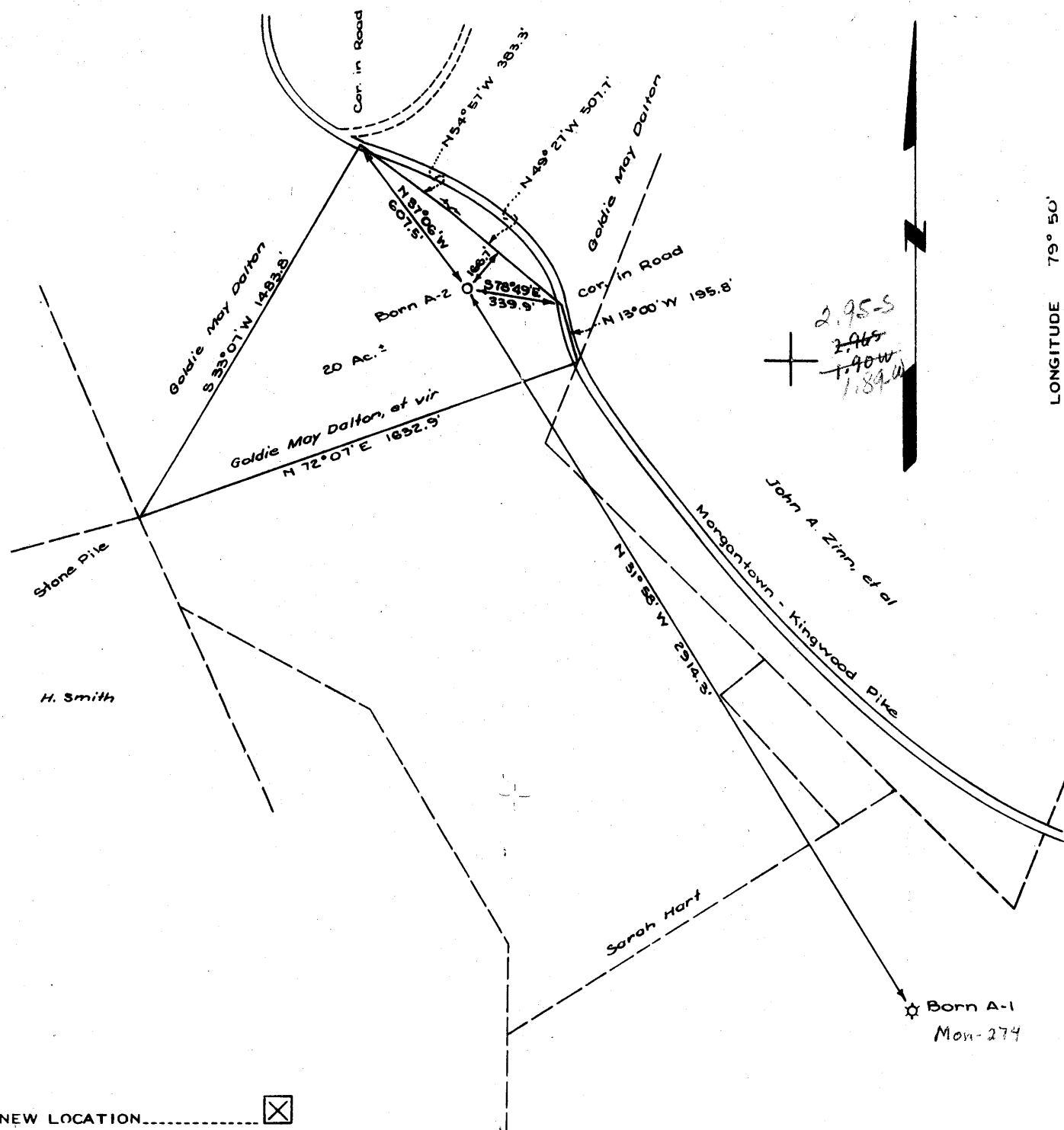


5-16-66-10

P

LATITUDE 39° 35'

LONGITUDE 79° 50'



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

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM GOLDIE MAE DALTON, ET VIR
 TRACT _____ ACRES 20 ± LEASE NO. 73007
 WELL (FARM) NO. BORN A-2 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 2187.1'
 QUADRANGLE MORGANTOWN - SC
 COUNTY MONONGALIA DISTRICT CLINTON
 ENGINEER Sam P. Sumpter
 ENGINEER'S REGISTRATION NO. 2124 - OKLAHOMA
 FILE NO. _____ DRAWING NO. _____
 DATE MAY 4, 1966 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES

OIL AND GAS DIVISION
 CHARLESTON

Same as 584?

WELL LOCATION MAP

FILE NO. Mon 294

+ 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Morgantown
Permit No. MON-294

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Phillips Petroleum Company
Address Bartlesville, Oklahoma
Farm Born "A" Acres 20
130' West, 2500' North, 2900' North, 25 Degrees
Location (waters) West of Born "A" #1
Well No. Two Elev 2167.1'
District Clinton County Monongalia
The surface of tract is owned in fee by Goldie Mae & Ray C. Dalton
Address Rte 3, Box 653 Morgantown, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced June 7, 1966
Drilling completed June 30, 1966
Date Shot None From _____ To _____
With _____

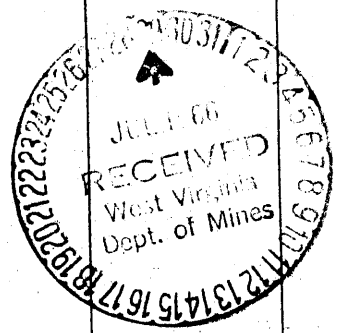
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	Set <u>00</u>		
13 3/8"	58'	41.61'	(100 sax) by Halli.
10 9 5/8"	1032.68'	1017.46'	(340 sax) Do
8 1/2 1/2"	7995.63'	7997.63'	(175 sax) Do
6 3/4"			Depth set
5 3/16"			
4 1/2"			
3"			Perf. top <u>*See below</u>
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
Volume 4,694,000 Cu. Ft.
Rock Pressure _____ lbs. hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) 6/27/66 Halli. pmp'd 5 bbls of acid in 4 1/2" csg perf. f/ 7848' to 7886' - max. press. 2750# - standing press. for ten minutes 1750#.
WELL FRACTURED (DETAILS) Halli. sand frac Oriskany & Chert Sand w/ 50,500# of 20-40 Sand & 7,000# of 10-20 Sand w/ 63,200 gal. of 3% gel water w/ 30# of WG-6/1000 gal. of gel water.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) Four point pot'l test, 7/7/66, calculated open flow 4,694 MCF/day.
ROCK PRESSURE AFTER TREATMENT 3500# HOURS 1 1/4 Hrs
Fresh Water Trace @ 53'; 78' & 194' Feet
Producing Sand Onandaga Chert & Oriskany Sand

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 7995.63' No. Ft. 6/25/66 Date
Amount of cement used (bags) 175 sax
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand			0'	58'	*PERFORATION RECORD: CHERT SECTION: 7660' to 7652' - 8 .53" Dia. holes 7666' to 7664' - 2 Do 7678' to 7672' - 6 Do 7704' to 7700' - 4 Do 7718' to 7708' - 10 Do 7737' to 7722' - 15 Do 7757' to 7750' - 7 Do 7774' to 7770' - 4 Do 7788' to 7784' - 4 Do 7801' to 7799' - 2 Do ORISKANY SAND SECTION 7852' to 7848' - 4 .53" Dia. holes 7860' to 7856' - 4 Do 7868' to 7864' - 4 Do 7886' to 7880' - 6 Do		
Sand			58'	905'			
Shale			905'	1415'			
Red Shale	<u>Catskill</u>	<u>1415'??</u>	1415'	2059'			
Shale			2059'	7080'			
fully Lime			<u>7077</u> 7080'	<u>7082</u> 7632'			
Onondaga Lime			<u>7083</u> 7632'	7651'			
Onondaga Chert	<u>Huntersville chert</u>		7651'	7842'			
Oriskany Sand			7842'	7903'			
Helderberg Lime			7903'	8000'			
			Plugged back f/ 8000' to 7963.58'				

27245
Hamilton
Marcellus ~ 7490



Deep well