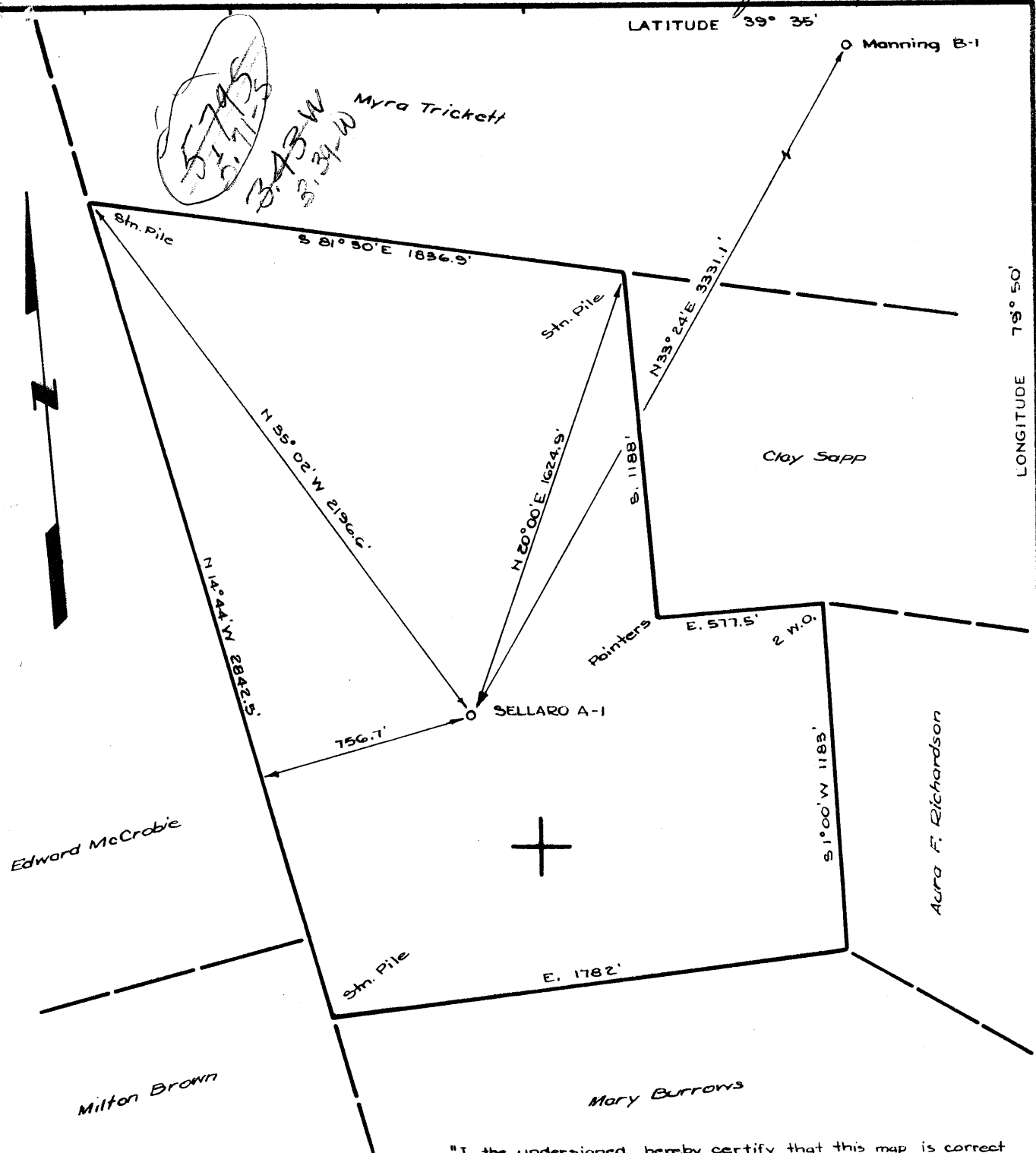


LATITUDE 39° 35'

LONGITUDE 79° 50'



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 SAM SELLARO, ET AL

TRACT _____ ACRES 100 LEASE NO. C-70142

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

ELEVATION (SPIRIT LEVEL) 1888.2'

QUADRANGLE MORGANTOWN *5C*

COUNTY MONONGALIA DISTRICT CLINTON

ENGINEER *Edward C. Caswell*

ENGINEER'S REGISTRATION NO. 5998 - TEXAS

FILE NO. _____ DRAWING NO. _____

DATE 12-1-67 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES

OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MON-314

+ 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.

MAR 18 1968

Deep Well

Form OG-10



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION 7

Rotary
 Spudder
 Cable Tools
 Storage

Quadrangle Morgantown

Permit No. MON-314

WELL RECORD

Oil or Gas Well Gas
 (KIND)

Company Phillips Petroleum
 Address Bartlesville, Oklahoma
 Farm Sellaro "A" Acres 100
 Location (waters) **See reverse side
 Well No. 1 Elev. 1883.2'
 District Clinton County Monongalia
 The surface of tract is owned in fee by **See reverse side
 Address _____
 Mineral rights are owned by **See reverse side
 Address _____
 Drilling commenced February 17, 1968
 Drilling completed March 9, 1968
 Date Shot None From _____ To _____
 With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16 48"	Set 2:		
13 3/8"	52'	32'	(60 Sax) Halli
10 9 5/8"	1022.60'	1004.60'	(350 Sax) Halli
8 1/4"			Size of
6 1/4"			Depth set
5 3/16"			
4 1/2 11.60"	7350'	7841.94'	(200 Sax) Halli
3"			Perf. top See att
2"			Perf. bottom ment
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
 Volume 9,466 MCF/Day (CAOFP) Cu. Ft.
 Rock Pressure 3500# lbs. 391 hrs.
 Oil None bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) None
 WELL FRACTURED (DETAILS) **See reverse side

Attach copy of cementing record.
 CASING CEMENTED SIZE 4 1/2" No. Ft. 3/5/68 Da
 Amount of cement used (bags) 200 sax
 Name of Service Co. Halliburton
 COAL WAS ENCOUNTERED AT None FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open flow or bbls.) See gas volume above

ROCK PRESSURE AFTER TREATMENT _____ HOURS

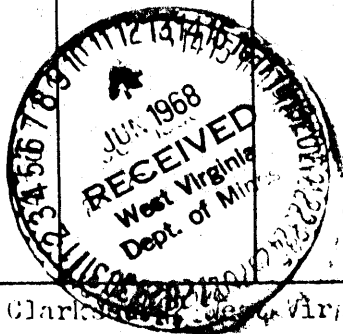
Fresh Water 54' Feet Salt Water _____ Feet

Producing Sand Chert & Oriskany Depth 7850' - PBD 7822.22'

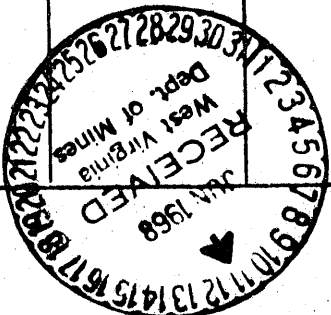
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks	
DRILLER'S LOG:					ELECTRIC LOG:			
Clay & Sand			0'	40'	FORMATION:	FROM:	TO:	
Sand			53'	81'	Big Lime	500'	676'	
Sand, Shale			81'	417'	Weir	790'	902'	
Shale, Lime			417'	1028'	50 Foot 1	1017'	1070'	
Shale			1028'	1044'	30 Foot	1088'	1168'	
Sand & Shale			1044'	1175'	Gordon	Absent		
Shale & Lime			1175'	5428'	5th Sand	1604'		
Shale			5428'	5742'	Bayard	1703'	1773'	
Shale & Lime			5742'	6048'	Speechly	2100'	2420'	
Shale			6048'	7019'	Riley	3425'	3443'	
Tully Lime			7019'	7070'	Benson	3690'		
Shale & Lime			7070'	7207'	Tully	7019'	7107'	
Shale, Lime & Chert			7207'	7440'	Onondaga	7433'	7447'	
Chert			7440'	7715'	Chert	7447'	7718'	
Sand			7715'	7790'	Oriskany	7713'	7730'	
Lime			7790'	7850'	Helderberg	7780'		
			PBD	7822.22'				

Picked up fresh water @ 54'

JUN 18 1968



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
*LOCATION F/ REVERSE SIDE: 17,900' W of 79 Deg. 50' 0' S of 39 Deg. 30' Monongalia County, Clinton Dist, Morgantown Quadrangle							
**MINERAL RIGHTS OWNED BY - F/ REVERSE SIDE: Sam Seldaro (1/2), 512 Princeton Ave, Morgantown, West Va.; Oakley J. Hopkins (1/2), 161 Chancery Row, Morgantown, West Va.							
***WELL FRACTURE DETAILS: Frac treated 4 1/2" csg perf. f/ 7448' to 7768' opposite Chert & Oriskany zones w/ 14062 gallons of 3% gelled acid fluid; 51,500# of 20-40 sand plus allied additives; max. treat. press. 5000#; min. treat. press. 4900#; Avg prop-in rate 31.4 Bbls/min.; instant SIP 3300#; 5-min. SIP 2800#; 10-min. SIP 2700#.							
						314	



Date June 5, 1968

APPROVED E. S. Miles Owner

By E. S. Miles
DIST. PROD. SUPT (Title)

Form OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Rotary
Spudder
Cable Tools
Storage

Quadrangle Morgantown

Permit No. MON-314

WELL RECORD

Oil or Gas Well Gas
(KIND)

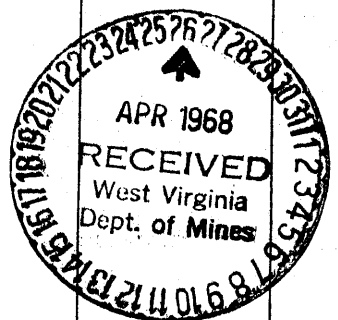
Company Phillips Petroleum
Address Bartlesville, Oklahoma
Farm Sellaro "A" Acres 100
Location (waters) *See reverse side
Well No. 1 Elev. 1888.2'
District Clinton County Monongalia
The surface of tract is owned in fee by **See reverse side
Address _____
Mineral rights are owned by **See reverse side
Address _____
Drilling commenced February 17, 1968
Drilling completed March 9, 1968
Date Shot None From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 9,466 MCF/Day (CAOFP) Cu. Ft.
Rock Pressure 3500# lbs. 391 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) None
WELL FRACTURED (DETAILS) **See reverse side

Casing and Tubing Size	Used in Drilling	Left in Well	Packers
16	Set @:		Kind of Packer
13 13 3/8"	52'	32'	(60 Sax) Halli.
10 9 5/8"	1022.60'	1004.60'	(350 Sax) Halli. Size of
8 1/4"			
6 3/4"			Depth set
5 3/16"			
4 1/2 4 1/2"	7850'	7841.94'	(200 Sax) Halli.
3"			Perf. top See below
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED SIZE 4 1/2" No. Ft. 3/5/68 Date
Amount of cement used (bags) 200 sax
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) See gas volume above
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water 54' Feet _____ Salt Water _____ Feet _____
Producing Sand Chert & Oriskany Depth 7850' - PBD 7822.22'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil, Sand Rock			0'	52'	PERFORATION DATA: ORISKANY: 7725'-7768' CHERT: 7448'-7687'	- five .45" dia. holes. - thirty-five .45" dia. holes.	
Sand & Shale			52'	295'			
Shale & Lime			295'	5428'			
Shale			5428'	7019'			
Tully Lime			7019'	7326'			
Marcellus Shale			7326'	7433'			
Onondaga Lime			7433'	7447'			
Onondaga Chert			7447'	7718'			
Oriskany Sand			7718'	7780'			
Helderberg Lime			7780'	7850'			
			PBD	7822.22'			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
*LOCATION F/ REVERSE SIDE:							
5700' E OF 79 DEG. 55 MIN. AND ON 39 DEG. 30 MIN., CLINTON DIST., MONONGALIA COUNTY, W. VA.							
**MINERAL RIGHTS OWNED BY - F/ REVERSE SIDE:							
Sam Seldaro (1/2), 512 Priceton Ave, Morgantown, West Va.; Oakley J. Hopkins (1/2), 164 Chancery Row, Morgantown, West Va.							
***WELL FRACTURE DETAILS:							
Frac treated 4 1/2" csg perf. f/ 7448' to 7768' opposite Chert & Oriskany zones w/ 14062 gallons of 3% gelled acid fluid; 51,500# of 20-40 sand plus allied additives; max. treat. press. 5000#; min. treat. press. 4900#; Avg pump-in rate 31.4 Bbls/min.; instant SIP 3300#; 5-min. SIP 2800#; 10-min, SIP 2700#.							

Date April 23, 19 68

APPROVED E. S. Miles, Owner

By E. S. MILES
DIST. PROD. SUPT. (Title)