

LATITUDE 39° 35'

"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

E. C. CASWELL
Texas Reg. No. 5998

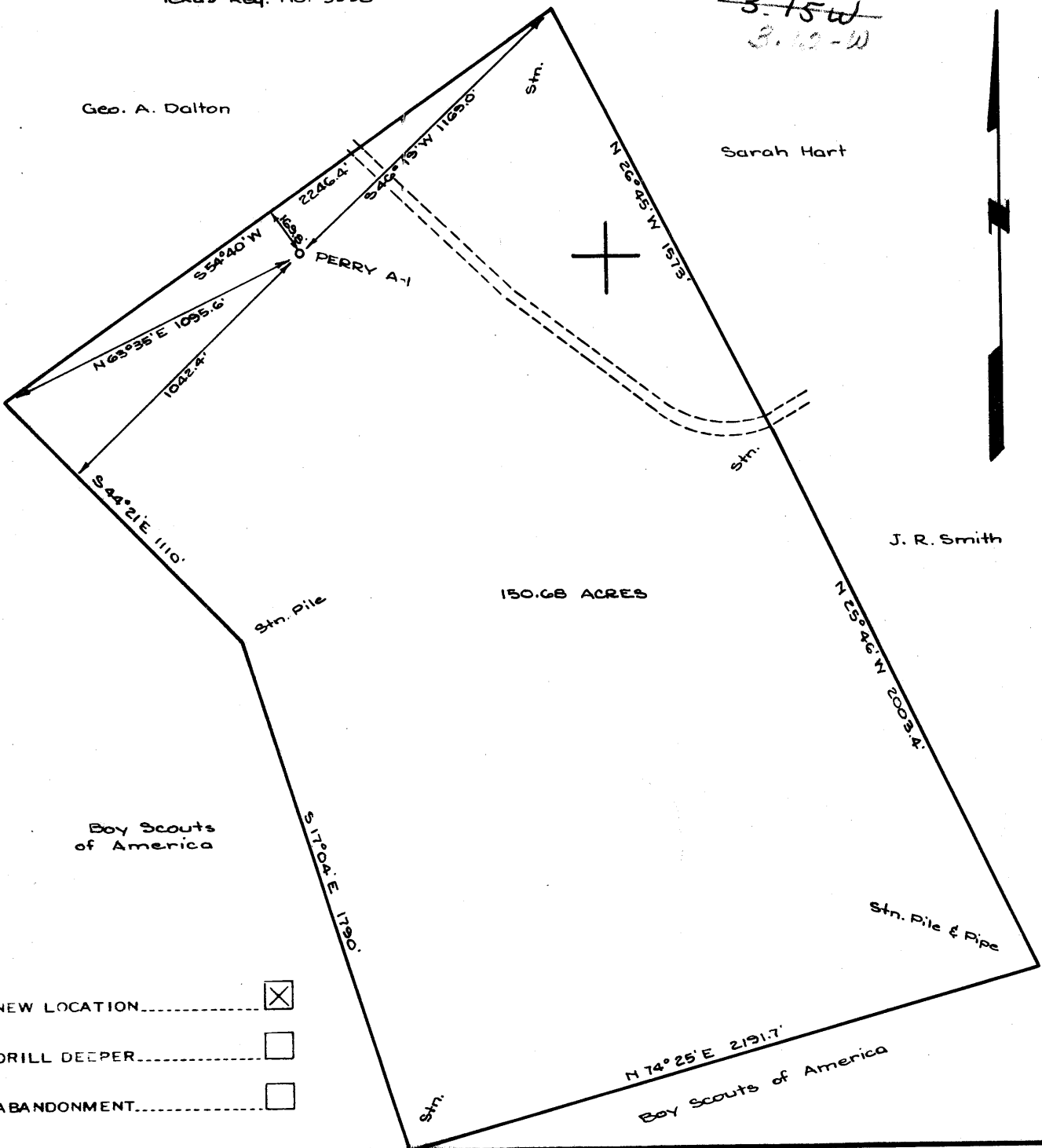
3.16-S
3.20S
~~3.15W~~
3.10-W

Geo. A. Dalton

Sarah Hart

J. R. Smith

LONGITUDE 79° 50'



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

COMPANY PHILLIPS PETROLEUM COMPANY

ADDRESS BARTLESVILLE, OKLAHOMA

FARM JOSEPH R. PERRY, ET AL

TRACT _____ ACRES 150.68 LEASE NO. 60927

WELL (FARM) NO. 1 SERIAL NO. _____

ELEVATION (SPIRIT LEVEL) 2165.79'

QUADRANGLE MORGANTOWN - SC

COUNTY MONOGALIA DISTRICT CLINTON

ENGINEER Edward C. Caswell

ENGINEER'S REGISTRATION NO. 5998 - TEXAS

FILE NO. _____ DRAWING NO. _____

DATE OCTOBER 28, '66 SCALE 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. Mon-303

+ 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

Form OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Morgantown
Permit No. MON-303

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Phillips Petroleum
Address Bartlesville, Oklahoma
Farm Perry "A" Acres 150.68
Location (waters) *See below
Well No. 1 Elev. 2165.79'
District Clinton County Monongalia
**Joseph R. Perry, Agent,
The surface of tract is owned in fee by Lewis B. Perry,
Mary Carol Perry, John A. Perry, Linda R. Perry.
Morgantown, W. Va. Address: 4181 Mansfield Ave,
Mineral rights are owned by Same
Address _____
Drilling commenced December 27, 1966
Drilling completed January 16, 1967
Date Shot None From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 7,517,000/Day Cu. Ft.
Rock Pressure _____ lbs. hrs.
Oil None bbls. 1st 24 hrs.
WELL ACIDIZED (DETAILS) Pmp'd 5 bbls of acid into Oriskany
Sand thru csg perf. f/ 8095'
8112' @ 4300# press. - press. broke back to 2300#.
WELL FRACTURED (DETAILS) 1/16/67 Halli. fracture treated Oriskany Sand & Onondaga Chert zones thru
perf. in 4 1/2" csg w/ 58,560 gal. of 3% gelled acid & allied additives & 54,800# of 20-40 sand -
max. treat. press. 5000#; min. 4050#.
RESULT AFTER TREATMENT (Initial open flow or bbls.) Four-point pot'l test, 2/3/67, calculated open flow
ROCK PRESSURE AFTER TREATMENT 3100# HOURS 3350# - 48 Hrs. 7,517,000 gas/day.
Fresh Water Hit fresh wat. @ 80' Feet Salt Water _____ Feet
Producing Sand Onondaga Chert & Oriskany Sand Depth 8220' - Plugged back to 8169'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	Set @:		
13 13 3/8"	59.85'	43.80'	(100 Sax) by Halli.
10 9 5/8"	1025.61'	1010.61'	(310 Sax) by Halli.
8 1/4 1 1/2"	8204.96'	8209.96'	(200 Sax) by Halli.
6 1/2"			Depth set
5 3/16"			
4 1/2"			
3"			Perf. top ***See below
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 8204.96'
CASING CEMENTED 4 1/2" SIZE No. Ft. 1/13/67 Date
Amount of cement used (bags) 200 sax
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT 129' FEET 133' INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES
WELL FRACTURED (DETAILS) 1/16/67 Halli. fracture treated Oriskany Sand & Onondaga Chert zones thru
perf. in 4 1/2" csg w/ 58,560 gal. of 3% gelled acid & allied additives & 54,800# of 20-40 sand -
max. treat. press. 5000#; min. 4050#.
RESULT AFTER TREATMENT (Initial open flow or bbls.) Four-point pot'l test, 2/3/67, calculated open flow
ROCK PRESSURE AFTER TREATMENT 3100# HOURS 3350# - 48 Hrs. 7,517,000 gas/day.
Fresh Water Hit fresh wat. @ 80' Feet Salt Water _____ Feet
Producing Sand Onondaga Chert & Oriskany Sand Depth 8220' - Plugged back to 8169'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand Rock			0'	60'	***PERFORATION RECORD:		
Sand			60'	125'	ORISKANY SAND:		
Shale			125'	605'	8095' to 8097' - 2		.53" Dia. holes
Sandy Shale			605'	2485'	8104' to 8112' - 8		Do
Shale			2485'	3140'	CHERT ZONE:		
Sand			3140'	3945'	7905' to 7908' - 3		.53" Dia. Holes
Shale			3945'	7372'	7924' to 7928' - 4		Do
Tully Lime			7372'	7570'	7932' to 7934' - 2		Do
Hamilton Shale			7570'	7790'	7937' to 7939' - 2		Do
Marcellus Shale			7790'	7885'	7945' to 7950' - 5		Do
Onondaga Lime			7885'	7899'	7952' to 7956' - 4		Do
Onondaga Chert <u>Hundersville</u>			7899'	8092'	7962' to 7964' - 2		Do
Oriskany Sand			8092'	8150'	7972' to 7976' - 4		Do
Helderberg Lime			8150'	8220'	7981' to 7983' - 2		Do
				PBTD 8169'	7993' to 7995' - 2		Do
					7999' to 8001' - 2		Do
					8006' to 8008' - 2		Do
					8011' to 8013' - 2		Do

*Location f/ line four above:
6600' EAST OF 79 DEG. 55 MIN. & 13,050'
NORTH OF 39 DEG. 30 MIN., CLINTON
DISTRICT, MONONGALIA COUNTY, WEST VA.

