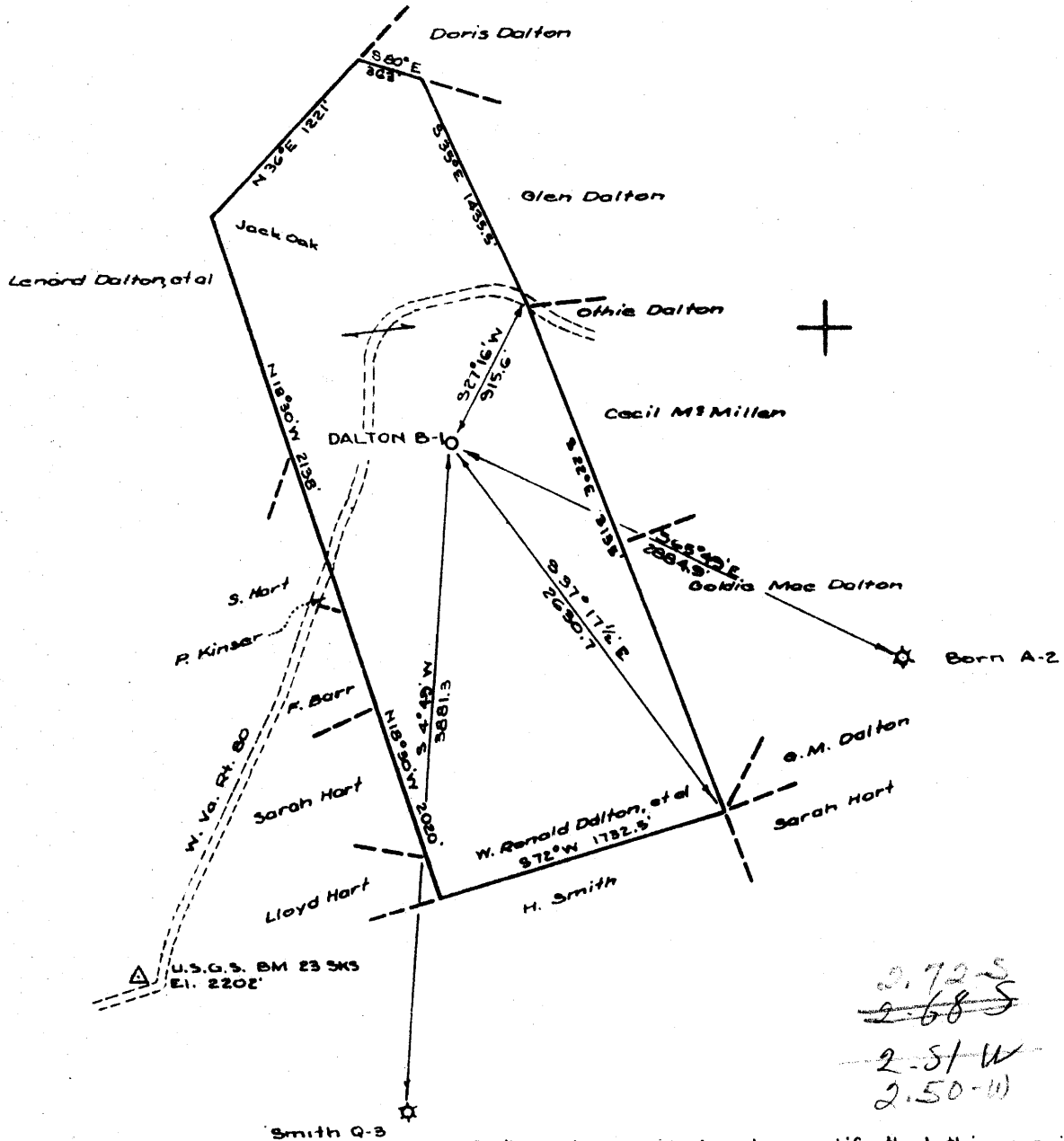


1/19/67 CH

LATITUDE 39° 35'

LONGITUDE 79° 50' 19 52 30



~~2.725~~
~~2.685~~
 2.51 W
 2.50 W + 7.5

"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."

Louis P. Sumpter

LOUIS P. SUMPTER
Oklahoma Reg. No. 2724

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

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM W. RONALD DALTON, ET AL
 TRACT _____ ACRES 154.5 LEASE NO. 109239
 WELL FARM NO. B-1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 2110.1'
 QUADRANGLE MORGANTOWN 5C
 COUNTY MONONGALIA DISTRICT CLINTON
 ENGINEER Louis P. Sumpter
 ENGINEER'S REGISTRATION NO. 2724 - OKLAHOMA
 FILE NO. _____ DRAWING NO. _____
 DATE JANUARY 12, 1967 SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. MON-305

+ 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.

2-6-313 DEEP WELL.

Form OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Morgantown

Permit No. MON-305

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company <u>Phillips Petroleum</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Bartlesville, Oklahoma</u>	Size			
Farm <u>Dalton "B"</u> Acres <u>154.5</u>	16	Set @:		Kind of Packer
Location (waters) <u>*See below</u>	13 13 3/8"	50.05'	34.05'	(50 Sax) by Halli
Well No. <u>1</u> Elev. <u>2110.1'</u>	10 9 5/8"	1006.65'	992.65'	(340 Sax) by Halli
District <u>Clinton</u> County <u>Monongalia</u>	8 1/4 4 1/2"	8292.28'	8295.28'	(250 Sax) by Halli
The surface of tract is owned in fee by <u>*P. F. Price & H. E. Martin; **Raymond Ronald Dalton</u>	6%			Depth set
Address <u>*318 High St., Morgantown, W. Va. **Rte 3, Morgantown, W. Va.</u>	5 3/16			
Mineral rights are owned by <u>Same</u>	4 1/2			
Address	3			Perf. top <u>**See below</u>
Drilling commenced <u>January 24, 1967</u>	2			Perf. bottom
Drilling completed <u>February 17, 1967</u>	Liners Used			Perf. top
Date Shot <u>None</u> From <u>None</u> To <u>None</u>				Perf. bottom
With				

Attach copy of cementing record. 8292.28'

CASING CEMENTED 4 1/2" SIZE No. Ft. 2/17/67 Date

Amount of cement used (bags) 250 sax

Name of Service Co. Halliburton

COAL WAS ENCOUNTERED AT 95' TO FEET INCHES

WELL ACIDIZED (DETAILS) Set bridge plug @ 7900' - pl'd tbg 1/2" plug & spotted 1000 gallons of acetic acid w/ Halli. pmp trk. FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) 2/17/67 Halli. fracture treated Oriskany Sand & Onondaga Chert zones thru perf. in 4 1/2" csg w/ 58,200 gal. of 3% gelled acid & allied additives & 55,000# of 20-40 sand - 16 perf balls - avg inj. press. 4935# - max. press. 5200#.

RESULT AFTER TREATMENT (Initial open flow or bbls.) Four-point pot'l test - 5,452,000 cu. ft. gas/day.

ROCK PRESSURE AFTER TREATMENT 3200# HOURS Instant

Fresh Water @ 69' Feet Salt Water Feet

Producing Sand Onondaga Chert & Oriskany Sand Depth 8300' - Plugged back to 7900'.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand Rock			0'	50'	**PERFORATION RECORD:		
Shale & Sand			50'	205'	ORISKANY SAND:		
Sandy Shale			205'	1947'	8186' to 8188' - 4		.53" Dia. hole
Shale			1947'	3295'	8198' to 8203' - 10		Do
Sandy Shale			3295'	4052'	8203' to 8212' - 8		Do
Shale			4052'	7214'	8220' to 8222' - 4		Do
Tully Line			7214'	7324'	8232' to 8238' - 12		Do
Hamilton Shale			7324'	7526'	The above plugged off - bridge plug set @ 7900'.		
Marcellus Shale			7526'	7623'			
Onondaga Lime			7623'	7638'	ORISKANY SAND:		
Onondaga Chert (Huntersville)			7638'	7827'	7833' to 7838' - 5		.53" Dia. hole
Oriskany Sand			7827'	7882'	7860' to 7862' - 2		Do
Helderberg Lime			7882'	8300'			
			PBTD	7900'	ONONDAGA CHERT:		
					7655' to 7656' - 1		.53" Dia. hole
					7661' to 7662' - 1		Do
					7671' to 7683' - 2		Do
					7689' to 7702' - 13		Do
					7712' to 7714' - 2		Do
					7719' to 7720' - 1		Do
					7736' to 7737' - 1		Do
					7739' to 7740' - 1		Do
					7744' to 7746' - 2		Do
					7759' to 7761' - 2		Do
					7771' to 7772' - 1		Do

*Location f/ line four above:
10,100 Feet East of Longitude 79 Deg. 55 Min.
& 15,700 Feet North of Latitude 39 Deg. 30 Min.,
Clinton District, Monongalia CO., West Virginia.

