



- New Location .
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

10/11/69
 HIGH SPENCER
 Company CITIES SERVICE OIL COMPANY
 WEST UNION, WEST VA.
 Address Box 673 CHARLESTON, W.VA.
 Farm THOMAS H. RYAN
 Tract _____ Acres 1.00 Lease No. WV-413
 Well (Farm) No. 1 Serial No. GW-57
 Elevation (Spirit Level) 805.00 Smithburg
 Quadrangle CENTER POINT SW
 County DODDRIDGE District WEST UNION
 Engineer W. J. Deane, S. M. Moore
 Engineer's Registration No. 2113
 File No. _____ Drawing No. W-10-69
 Date 23 OCT. 69 Scale 1"=1320'

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

WELL LOCATION MAP
 FILE NO. Dodd-1220 (A)

+ 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.

70207 → 31220

FILE NO.



BRADFORD, PA.

GAMMA RAY-CALIPER-TEMPERATURE SURVEYS

FILE NO.

LOCATION	COMPANY <u>COLUMBIAN CARBON</u>	SURVEY _____ BL & M _____	SECTION _____ TWP _____ RGE _____	WELL # <u>1</u>	FIELD <u>T. H. RYAN G. W. 57</u>	COUNTY <u>DODDRIDGE</u> STATE <u>W. VA.</u>	COUNTY <u>DODDRIDGE</u> STATE <u>W. VA.</u>	FIELD <u>T. H. RYAN G. W. 57</u>	WELL # <u>1</u>	COMPANY <u>COLUMBIAN CARBON</u>
	SECTION _____									
LOG MEASURED FROM <u>*TOP OF CASING</u> ELEVATION _____										
DRILLING MEASURED FROM <u>*TOP OF CASING</u> ELEVATION _____										
PERMANENT DATUM _____ ELEVATION _____										

TYPE OF LOG	
DATE	<u>3/5/57</u>
FOOTAGE	<u>740'0"</u>
TOTAL DEPTH	<u>2000'0"</u>
T.D. - DRILLER	
CAS. SHOE	
C.S. - DRILLER	
MUD KIND	
TREATMENT	
WEIGHT	
VISCOSITY	
PH	
Loss ML/30 MIN.	
Loss ML/15 MIN.	
RESISTIVITY	
MAX. RECORDED TEMP.	
ELECTRODE SPACING	
SYMMETRICAL	

FLUID LEVEL	
LENGTH - MEASURING DEVICE - IN.	<u>12"</u>
O.D. OF INSTRUMENT - IN.	<u>3 1/2"</u>
TIME CONSTANT - SECONDS	<u>5</u>
LOGGING SPEED - FT./MIN.	<u>20'</u>
STATISTICAL VARIATION - IN.	<u>.5</u>
SENSITIVITY REFERENCE	<u>24/HR./IN.</u>

CASING RECORD		
SIZE, IN.	WEIGHT, LB.	INTERVAL
<u>6.156"</u>	<u>L.D.</u>	<u>0 To 1689</u>
_____	_____	To _____
_____	_____	To _____
_____	_____	To _____

OPEN HOLE RECORD	
BIT SIZE, IN.	INTERVAL
_____	To _____
_____	To _____
_____	To _____
_____	To _____

Handwritten note: 3/5/57

CODE NO. G. W. 57

NAME J. H. Ryan

GAS, WATER AND OIL RECORD

CASING AND TUBING

SIZE	PUT IN WELL	PULLED	CASING FT.	DATE	NAME	SET AT	LIQUID OR GAS	DEPTH	FT. RAISED IN HOLE	VOLUME
10"	127						Gas	1310		
							Gas	1669		
								2284		

No record

Doddridge Co.
1220A
yes E log
logged 3/5/57

7' 25' max. radius when record
678' per barrel
2" - 226' pulled when record
2" 166' - (212' 2 3/4" 4" ran when record
of Carmac 7' x 2 3/4" multi cone packer set 1514-18'

RECORD OF SHOT

DATE SHOT	FROM	TO	SAND	TYPE OF EXPLOSIVE	QUANTITY	PRODUCTION BEFORE SHOT	PRODUCTION AFTER SHOT

Not shot

DEPLETION CALCULATION GRAPHIC FROM TO THICKNESS FORMATION

Reconditioning Record 2-19 to 4-9-57

Had hole in 7" casing - gas drowned out. Pulled tubing and anchor Birdwell Surevey - Big Lime 1470-1584' Big Injun 1584-1686' - gas shows 1556' 1610' and 1672'. Casing tester shows hole in pipe at 1550'. Perforated 1671-73' 12 shots 1609-11' 12 shots 1555-57' 12 shots 1520-24' 20 shots

3-7-57 - Bridged hole solid 1687' to 1737' and ran Baker Drillable retainer on 2" tubing set at 1475-77'. Loaded annulus with water and pressured to 400#. Pumped 100 bbls. gel into tubing at 1100# pressure. Did not circulate around 7". Pumped in second 100 bbls. gel. Pressure dropped to 750# - then to 500#. Pumped in 50 sacks cement - 3 bbls. displacement when casing collapsed. Had 400# on annulus - 800# on tubing when pressure equalized.

3-30-57 Perforated 7" 1669-75' 4 shots / ft. 1607-13' 4 shots / ft. Ran Baker RT 8 packer set at 1579' in 7" casing - show of gas 24 hour pressure 42# - 42 hours 58#

4-1-57. Reset packer at 1520' when it would not hold at 1579'. Pumped in 250 gal. MCA and 1400 gal. water for breakdown at 1000-1400# pressure. Gelled 4000 gal. water and 300# W-63 gel. Pumped in with 6100# of sand at 1400-1900# pressure. Flashed with 30 bbls. water at 1200# pressure - total fluid 5,660 gallons.

4-3-57 - Pulled tubing and cleaned out to 1687' - new total depth.

4-5-57 - Re-ran tubing and set packer in 7" at 1514-18' Shut in Pickup:

1	2	3	4	5	10	15	30	60
25	50	65	70	85	120	145	170	185

24 hour pressure 190# - 72 hours 185# - final open flow 16/10 W. 2" 169MCF

10"	127
Gas	1310
Big Injun gas	1669
Gordon Stray	2259
Gordon	2280
TOTAL DEPTH	2287'
BLM-2268'	

