

WELL PERMIT TYLER No. 203
MINIMUM ERROR OF CLOSURE 1:2000

SOURCE OF ELEVATION CENTER PAVEMENT AT "POINT D"

New Location
Drill Deeper
Abandonment
issued 8.7.75

ON ST. RT. 2 AS SHOWN ABOVE.

"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."

Company Apollo Petroleum Corp.
 Address 630 Commerce Sq. Chas. W. W25301
 Farm HARRY L. WEBB
 Tract 1 Acres 1.92 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 622.6
 Quadrangle NEW MATAMORAS SE
 County TYLER District UNION
 Engineer Gordon W. Sammons
GORDON W. SAMMONS
 Engineer's Registration No. 509
 File No. _____ Drawing No. _____
 Date SEPT-25-1968 Scale 1" = 100'

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

WELL LOCATION MAP
 FILE NO. Tyl-421-P

+ 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.

47-095



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well Gas & Condensate (KIND)

Quadrangle New Metamoras 7 1/2
Permit No. Tyl-421

WELL RECORD

Company Ferguson & Bosworth
Address 6745 Thorne St., Worthington, Ohio 43085
Farm Harry Webb Acres 19.2
Location (waters) Ohio River
Well No. one (1) Elev. 634 K.B.
District Union County Tyler
The surface of tract is owned in fee by Harry Webb
Address Sistersville, W. Va.
Mineral rights are owned by Harry Webb
Address See above
Drilling commenced Sept. 18, 1968
Drilling completed October 13, 1968
Date Shot Perforated From 2863 To 2873
With 20 glass jets
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 400,000 Cu. Ft.
Rock Pressure 750 lbs. 12 hrs.
Condensate _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) 1000 gal.
WELL FRACTURED (DETAILS) _____

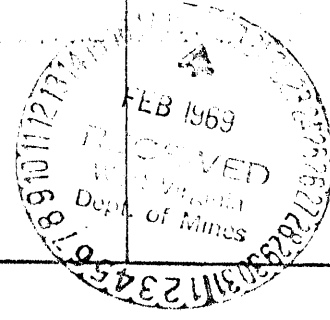
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	145	145	
10			Size of
8 1/4 8 5/8	1615	1615	
6 3/4			Depth set
5 3/16 5 1/2	3250	3250	
4 1/2			
3			Perf. top <u>2863</u>
2			Perf. bottom <u>2873</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Attach copy of cementing record.
CASING CEMENTED 5 1/2 SIZE 3250 No. Ft. 10-15-68 Date
Amount of cement used (bags) Top of cement @ 2200 feet
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open flow or bbls.) 400,000 cu. ft. w/condensate 400 Mcf
ROCK PRESSURE AFTER TREATMENT 750 HOURS 12 hrs.
Fresh Water @ 150 Feet Salt Water _____ Feet
Producing Sand Ohio Shale "Brown Sh" Depth 2866

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gravel	brown	soft	surface	50			
shale & ss	gray	hard	50	1390	water	150	fresh
Sandstone	white	"	1390	1430			
Big Taj. ss.	white	"	1430	1545	Show gas	{1430-60 {1528-1551	condensate with gas
shale	gray	"	1545	1850			
shale & ss.	gray & brown	"	1850	2050			
shale	pale gray	"	2050	2100			
shale	maroon	"	2100	2200			
Sandstone	greenish-gray	"	2200	2220	S.S. gas	2200	
shale	gray	"	2220	2320			
Sandstone & Sh.	greenish-gray	"	2320	2460	S.S. gas	2345	
"Brown Sh"	gray	"	2460	3521	good show gas	2866	condensate to the surface
T.D.				3521			

Note: Well shut-in, waiting on gas line.



PI rpt 10/25/68
Tyl-421 is 2800W of Tyl 296 origin. compl. as a SI Dev sh gas well.
MAR 02 1969