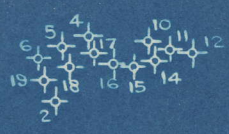


0	1	2	3	2.81 S	Latitude 38	15
#19	2.89 S		#18	2.15 W		
	2.28 W			2.69 S		
#2	3.00 S		#10	1.72 W		
	2.21 W			2.73 S		
1			#11	1.61 W		
#5	2.71 S		#12	2.75 S		
	2.18 W			1.50 W		
2			#14	2.80 S		
#4	2.67 S			1.70 W		
	2.03 W					
#16	2.80 S					
	1.91 W					
3						
#17	2.95 S					
	2.01 W					



Longitude 81 55



- LIN - 648-A - #19
- LIN - 658-A - #2
- LIN - 729-A - #5
- LIN - 734-A - #4
- LIN - 735-A - #16
- LIN - 736-A - #17
- LIN - 737-A - #18
- LIN - 746-A - #10
- LIN - 747-A - #11
- LIN - 749-A - #12
- LIN - 750-A - #14
- LIN - 753-A - #15

#15	2.82 S
	1.81 W

New Location
 Drill Deeper
 Abandonment

Company W. VA. PIPE PROJECT
 Address P. O. Box 2452, TULSA, OKLA.
 Farm J. W. STEPHENS (U.T.)
 Tract Acres 155 Lease No. 71117
2, 4, 5, 6, 10, 11, 12
 Well (Farm) No. 14, 15, 16, 17, 18, 19 Serial No. _____
 Elevation (Spirit Level) SEE ABOVE
 Quadrangle MADISON
 County LINCOLN District DUVAL
 Engineer PAULE E. JOACHIM
 Engineer's Registration No. 669
 File No. 44-49 Drawing No. _____
 Date MARCH 5, 1949 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. 043-648-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.

Duval District, Lincoln County, W. Va.
Big Creek Development Co.
1/2 mile west of Snowden.

734A

	Top.	Bottom.	Thickness.
Soil and clay	0	- 14	14
Slate	14	- 74	60
Sand	74	- 104	30
Slate	104	- 204	100
Sand	204	- 284	80
Slate and sand	284	- 1014	730
Slate	1014	- 1090	76
Salt Sand	1090	- 1755	665
Little Lime	1755	- 1800	45
Pencil Cave	1800	- 1805	5
Big Lime	1805	- 1995	190
Big Injun Sand	1995	- 2045	50
Slate	2045	- 2125	80
Lime shell	2125	- 2275	150
Slate	2275	- 2496	221
Black slate	2496	- 2511	15
Berea Sand	2511	- 2532	21
Slate	2532	- 2537	5



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

939

WELL RECORD

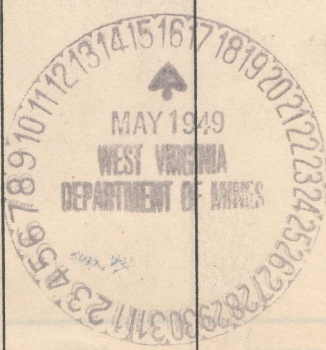
Permit No. 734-A ^{or plat 648 A} Oil or Gas Well 011
(KIND)

Company West Virginia Pipe Project
Address Box 2452, Tulsa, Oklahoma
Farm J. W. Stephens (U. T.) Acres 155
Location (waters) _____
Well No. 4 Elev. 1051'
District Duval County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced _____
Drilling completed March 15, 1909
Date Shot 3-20-09 and 5-13-16 From 2513 To 2529.5
With 90 qts. and 90 qts.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8	<u>1815'</u>		Depth set _____
5 3/16	<u>1881'</u>		
3			Perf. top _____
2	<u>2523'</u>		Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	FEET	INCHES	FEET INCHES
	FEET	INCHES	FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			1090	1755			
Little Line			1755	1800			
Pencil Cave			1800	1805			
Big Line			1805	1995			
Big Injun			1995	2045			
Brown Shale			2496	2511			
Berea			2511	2532			



JUL 10 1949

