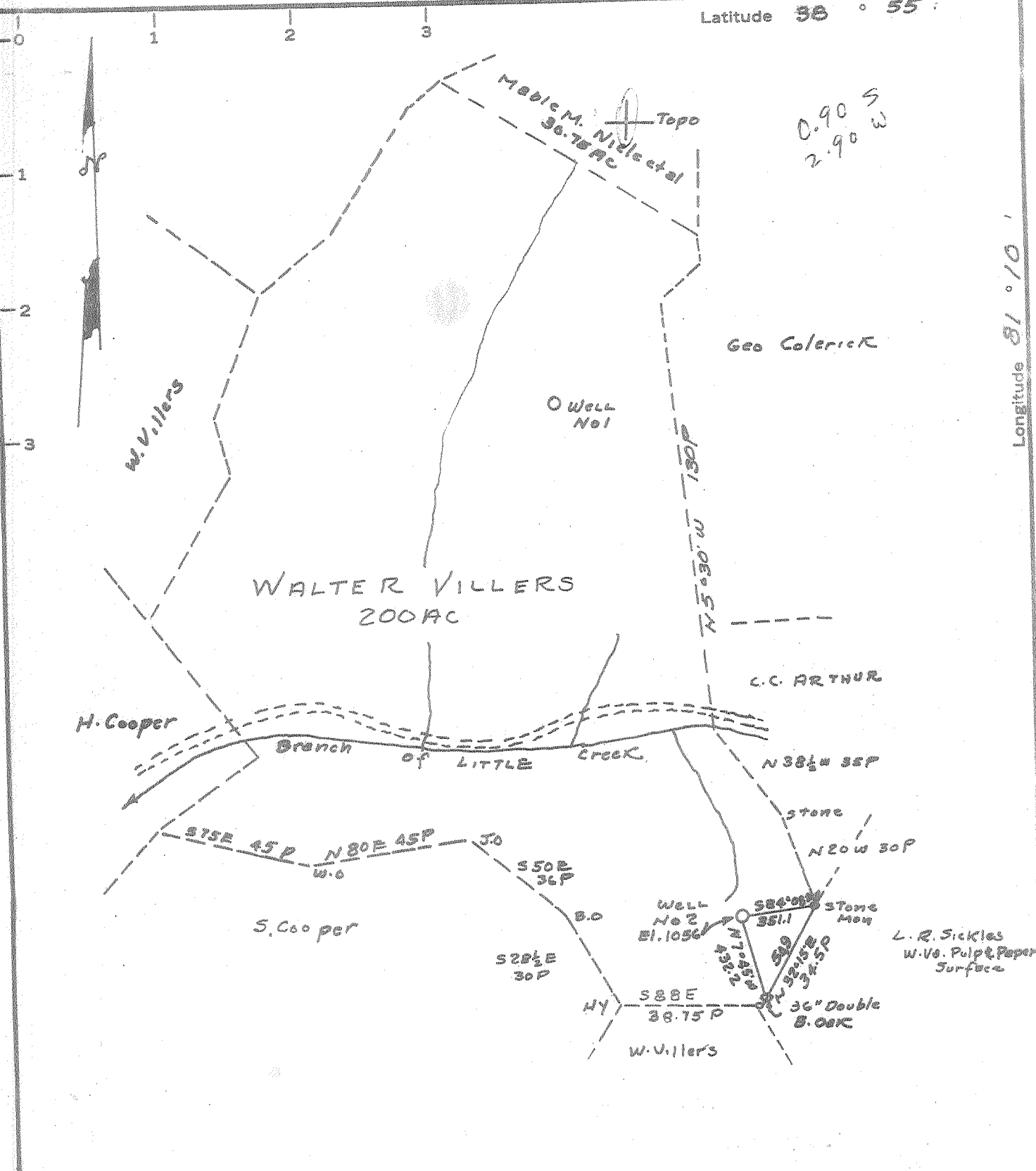


M

Latitude 36 ° 55'



Longitude 81 ° 10'

MINIMUM ERROR OF CLOSURE 1' in 200

SOURCE OF ELEVATION L.R. Sickles No. 1 Cal. permit No 2297

Elev 1059.7

New Location
 Drill Deeper
 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."

Company Adena Petroleum Inc.
 Address 1014- 7th St. Parkersburg, W. Va.
 Farm Walter Villers
 Tract _____ Acres 200 L. No. 114
 Well (Farm) No. 2
 Elevation (Spirit Level) 1056
 Quadrangle Arnoldsburg
 County Calhoun DISTRICT - LEE
 Engineer Ray
 Engineer's Registration _____
 File No. _____
 Date July 14, 1966 1" = 40P

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

WELL LOCATION MAP
 FILE NO. CAL-2307

+ 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.

6-0-168



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Quadrangle ARNOLDSBURG

Permit No. CAL - 2307

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Adena Petroleum, Inc.
Address 1814 Seventh St. Parkersburg, W.Va.
Farm Walter Villers Acres 200
Location (waters) Little Creek
Well No. Two Elev. 1056.0
District Lee County Calhoun
The surface of tract is owned in fee by Walter Villers
Address Creston, W.Va.
Mineral rights are owned by Nell Hamilton et al
Address Grantsville, W.Va.
Drilling commenced 7/25/66
Drilling completed 8/10/66
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 300# est lbs. 72 hours hrs.
Oil 6 bbls (Natural) bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	306	306	Size of
8 1/4	1055	1055	
6 5/8			Depth set
5 3/16			
3			Perf. top
2	1800	1800	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

RESULT AFTER TREATMENT INJUN
ROCK PRESSURE AFTER TREATMENT No Treatment
Fresh Water None Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	12			
Sand			12	73			
Red Rock			73	80			
Slate			80	105			
Sand			105	135			
Slate			135	150			
Sand			150	170			
Red Rock			170	185			
Slate			185	210			
Red Rock			210	225			
Lime			225	235			
Slate			235	275			
Lime			275	295			
Red Rock			295	305			
Lime			305	360			
Red Rock			360	455			
Slate Shells			455	495			
Sand			495	515			
Slate Shells			515	545			
Lime			545	560			
Red Rock			560	590			
Salte Shells			590	620			
Red Rock			620	655			
Slate Shells			655	680			
Sand			680	720			
Slate			720	735			
Sand			735	745			
Red Rock			745	860			
Sand			860	910			

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime Shells			910	930			
Slate Shells			930	950			
Lime			950	986			
Sand			986	1000			
Broken Sand			1000	1006			
Lime			1006	1012			
Slate			1012	1020			
Red Rock			1020	1030			
Slate Shells			1030	1056			
Lime Gritty			1056	1115			
Slate Shells			1115	1160			
Lime			1160	1190			
Slate Shells			1190	1315			
Sand			1315	1445			
Black Slate			1445	1475			
Lime Shells			1475	1510			
Sand Broken			1510	1615			
Black Slate			1615	1755			
Lime Gritty			1755	1765			
Sand			1765	1785			
Slate Shells			1785	1815	SG	1815	
Sand			1815	1832 TD	Oil	1823	

Date 12/1/66, 19

APPROVED Adena Petroleum, Inc. Owner

By Denzil L. Prather
Denzil L. Prather (Title)