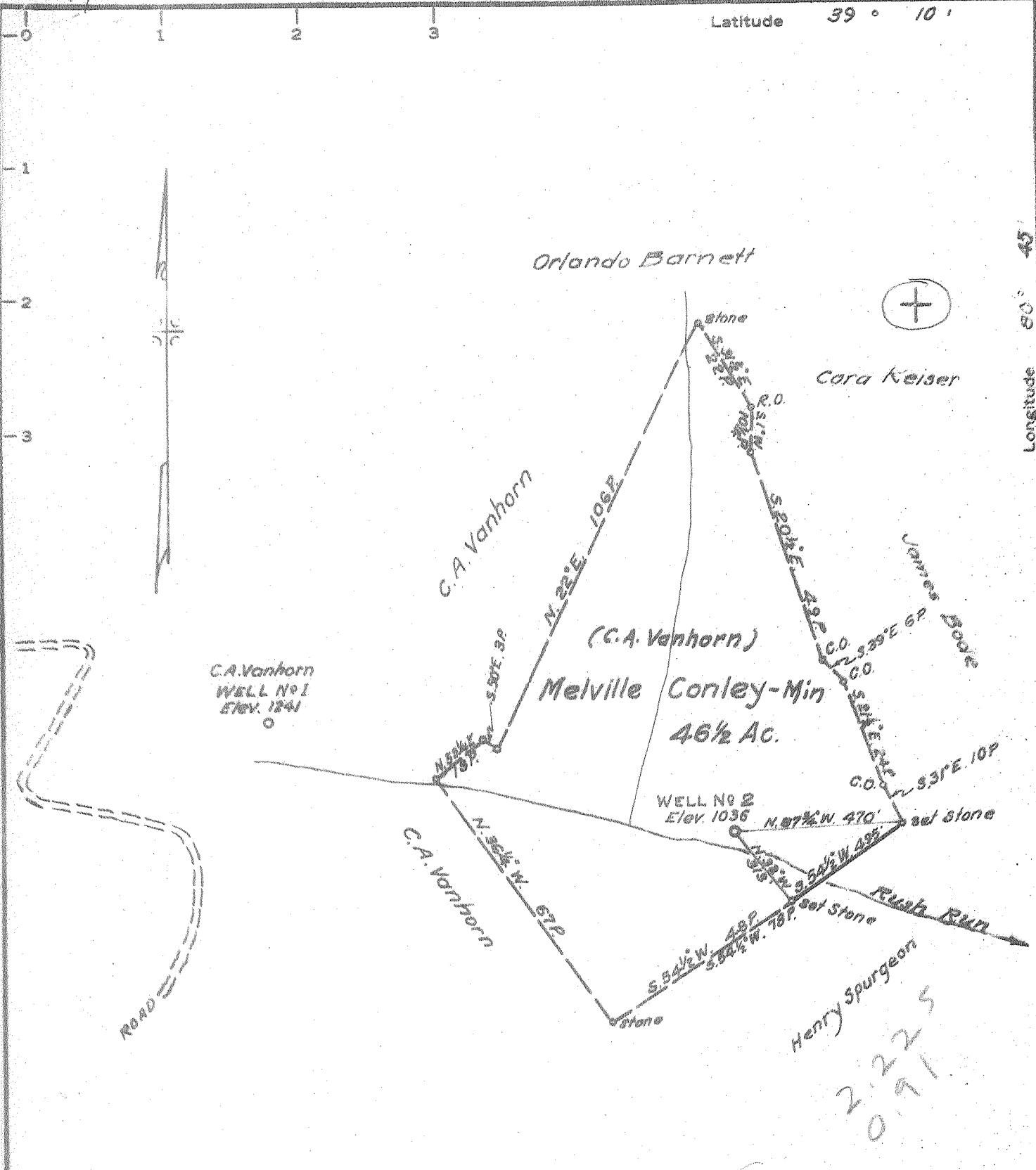


Latitude 39° 10'



MINIMUM ERROR OF CLOSURE 1/1000
 SOURCE OF ELEVATION Well No 1, C.A. Vanhorn ~ Elev 1241

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 Mid-American Exploration Co.
 Address Rooms 914 & 915, Goff Bldg., Clarksburg, W. Va.
 Farm Melville Conley
 Tract 1 Acres 46 1/2 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1036
 Quadrangle Holbrook EC
 County Doddridge District Cove
 Engineer Parker E. Peters
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date June 5, 1967 Scale 1" = 30 P.

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

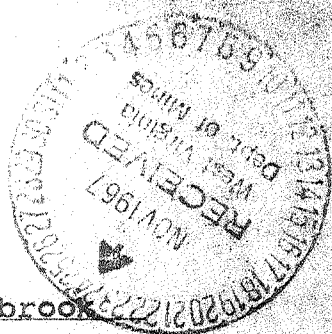
WELL LOCATION MAP
 FILE NO. DOD-1471

+ 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.

2.225
 0.915

6-6-1-33



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Holbrook

WELL RECORD

Oil or Gas Well Comb.
(KIND)

Permit No. Dod 1471

Company Mid American Exploration Company
Address 914 Goff Bldg. Clarksburg, W.Va.
Farm Melville Conley Acres 46.5
Location (waters) Rush Run
Well No. Two Elev. 1036
District Cove County Doddridge
The surface of tract is owned in fee by M.B. Conley
Address Grove, W.Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.	210'		Size of
8 3/4	1078'		
6 3/4			Depth set
5 3/16			
x 4 1/2"		2653	Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 7-25-67
Drilling completed 9-6-67
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED 4 1/2" SIZE 2653 No. Ft. 10/15/67 Date
Halliburton. 160 sacs. 50/50 pozmix.
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED Halliburton. 3 stage. Gordon, Weir & Big Injun. 2700 bbls. wtr.
90,000 lbs. 20/40 sd. 1200 gal. acid.
RESULT AFTER TREATMENT 350,000 cu./ft. 15 bbls. oil.
ROCK PRESSURE AFTER TREATMENT 550 lbs. 24 hrs.
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
sd. sh.	gr. br.	med.	0	1030			
sd.	lt. gr.	med.	1030	1046			
sh. R.R.	gr. red	med.	1046	1200			
sh	gr. br.	med.	1200	1744			
sd.	gr. wh.	hard	1744	1782			Salt sand
sh.	gr. br.	med.	1782	1848			
sand	lt. br.	med.	1848	1891			Maxton
sh.	br. blk.	med.	1891	1896			
lime	gr. br.	hard	1896	1912			
shale	black	soft	1912	1939			
lime	gr. wh.	hard	1939	2005			Big Lime
Sdy. lm.	gr. br.	hard	2005	2036	Trace oil	2030	Keener
sand	gr. wh.	med.	2036	2086	Show oil	2075 - 86	Big Injun
shale	br.	med.	2086	2200			
sd. sh.	gr. br.	med.	2200	2310	show oil	2250 - 80	Weir
shale	gr.	med.	2310	2392			
sand	br.	med.	2392	2401			Berea
shale	gr. br.	med.	2401	2601			
sand	lt. gr.	med.	2601	2621	show gas	2608	Gordon
shale	gr.	med.	2621	2653	Total depth	2653.	

(over)

Richard M. Gilson