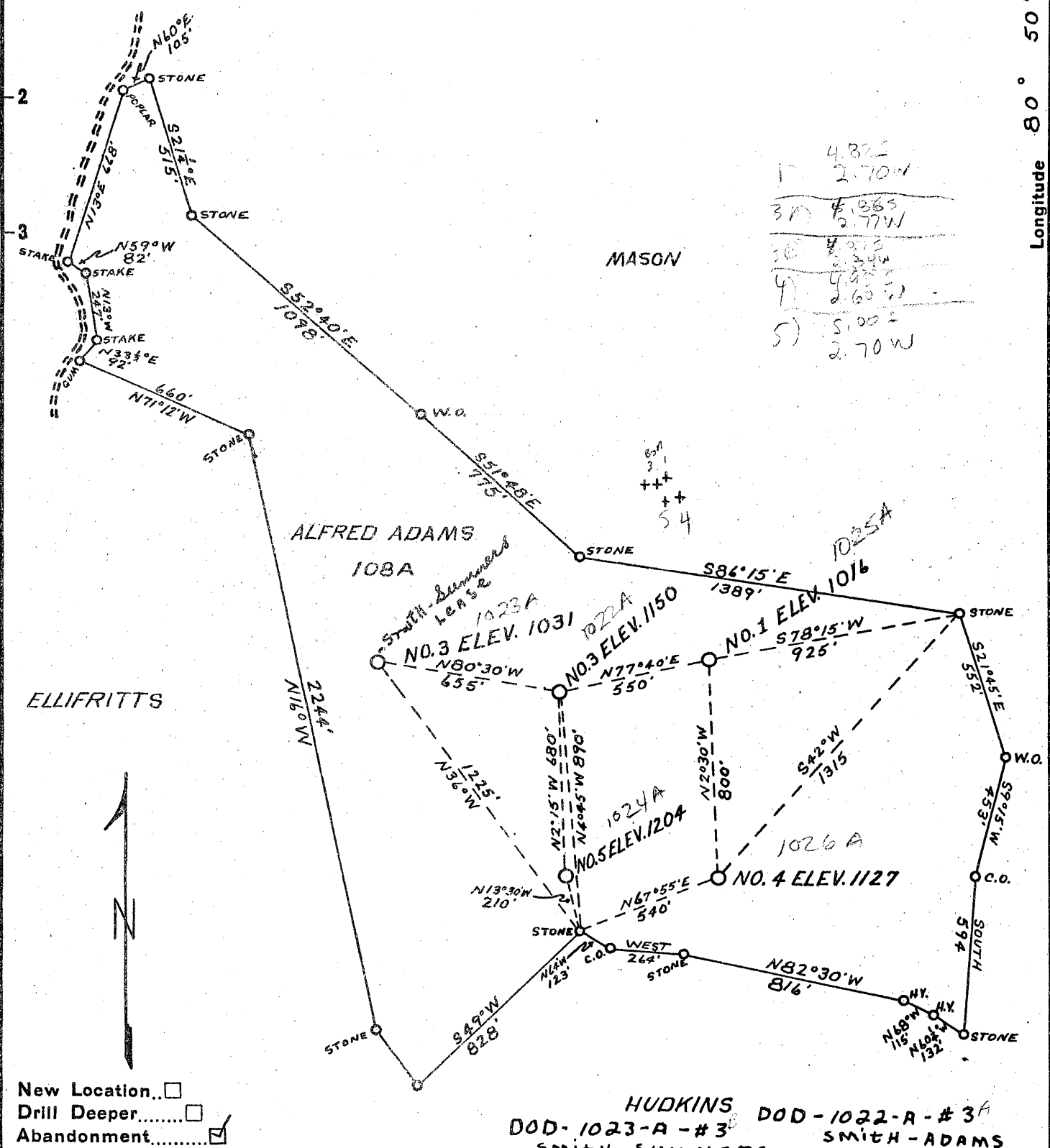


Latitude 39° 20'

Longitude 80° 50'



- New Location...
- Drill Deeper.....
- Abandonment.....

HUDKINS DOD-1022-A-#3
 DOD-1023-A-#3 SMITH-ADAMS
 SMITH-SUMMERS

Company MACKAY AND WHITE
 Address RAVEN ROCK, W. VA.
 Farm ALFRED ADAMS
 Tract _____ Acres 108 Lease No. _____
 Well (Farm) No. 3, 3, 4, 5 Serial No. _____
 Elevation (Spirit Level) 1016, 1031, 1150, 1127, 1204
 Quadrangle WEST UNION
 County DODDRIDGE District CENTRAL
 Engineer B. F. RINEHART
 Engineer's Registration No. 648
 File No. _____ Drawing No. _____
 Date 10-12-53 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 DOD-1024-A-#5 - SMITH-SUMMERS
WELL LOCATION MAP
 FILE NO. DOD-1025-A-#1 S.A.
DOD-1026-A-#4 S.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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

960

WELL RECORD

Permit No. 10267

Oil or Gas Well X (KIND)

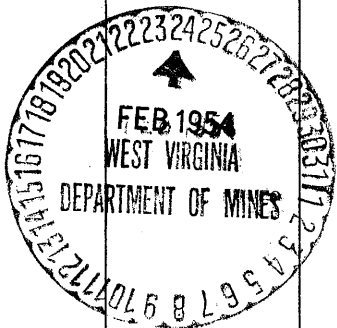
Company Mackey & White
 Address Raven Rock, West Va.
 Farm Now Alfred Adams Acres 108
 Location (waters) Greenwood hill
 Well No. 4 Elev. 1127
 District Central County Doddridge
 The surface of tract is owned in fee by Alfred Adams
Greenwood Address W.Va.
 Mineral rights are owned by E.M. Smith hrs
Greenwood Address W.Va.
 Drilling commenced 1919
 Drilling completed _____
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil Not now producing 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	268	none	Size of
8 1/4	1340	"	
6 5/8	2086	2086	Depth set
5 3/16			
3			Perf. top
2		2237	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
1st Salt Sand			1660	1695			
2nd " "			1830	1845			
3rd. " "			1865	1875			
Maxon Sand			2030	2048			
Big lime			2076	2165			
Injun Sand			2165	2221			
Oil Pay			2174	2181			
Total Depth 2237.							



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		<i>SP</i>					<i>1</i>

Date Feb 20, 1964

APPROVED Low E White, Owner

By Master
(Title)