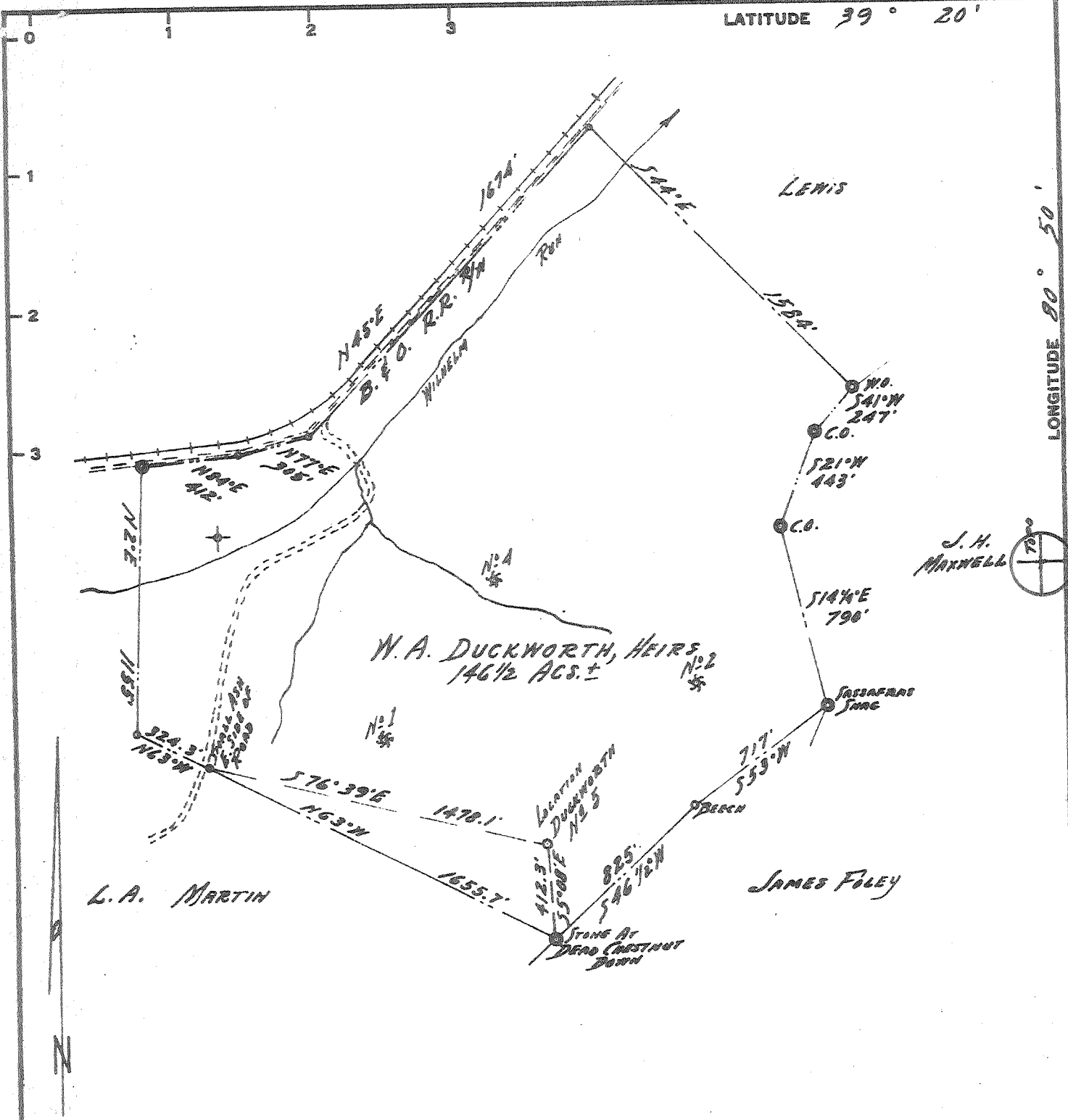


LATITUDE 39° 20'

LONGITUDE 80° 50'



Minimum Error of Closure $\frac{1}{2,000}$

Source of Elevation ROAD INTERSECTION AT OLD CLAY LICK SCHOOL 1 MI ± S.W. OF LOCATION

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.

Signed: Paul S. Dean

Squares: N S E W

- Fracture
- New Location
- Drill Deeper
- Abandonment 4/15/78

Map No.

Company GLENN INC.
 Address Box 427, CHARLESTON 22, W.V.A.
 Farm W. A. DUCKWORTH, HEIRS
 Tract 1 Acres 146 ± Lease No. _____
 Well (Farm) No. FIVE Serial No. _____
 Elevation (Spirit Level) 1065
 Quadrangle WEST UNION SC
 County DODDRIDGE District CENTRAL
 Engineer Paul S. Dean
 Engineer's Registration No. 1856
 File No. 136-7-27 Drawing No. 66-41
 Date MAY 6, 1966 Scale 1" = 600'

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

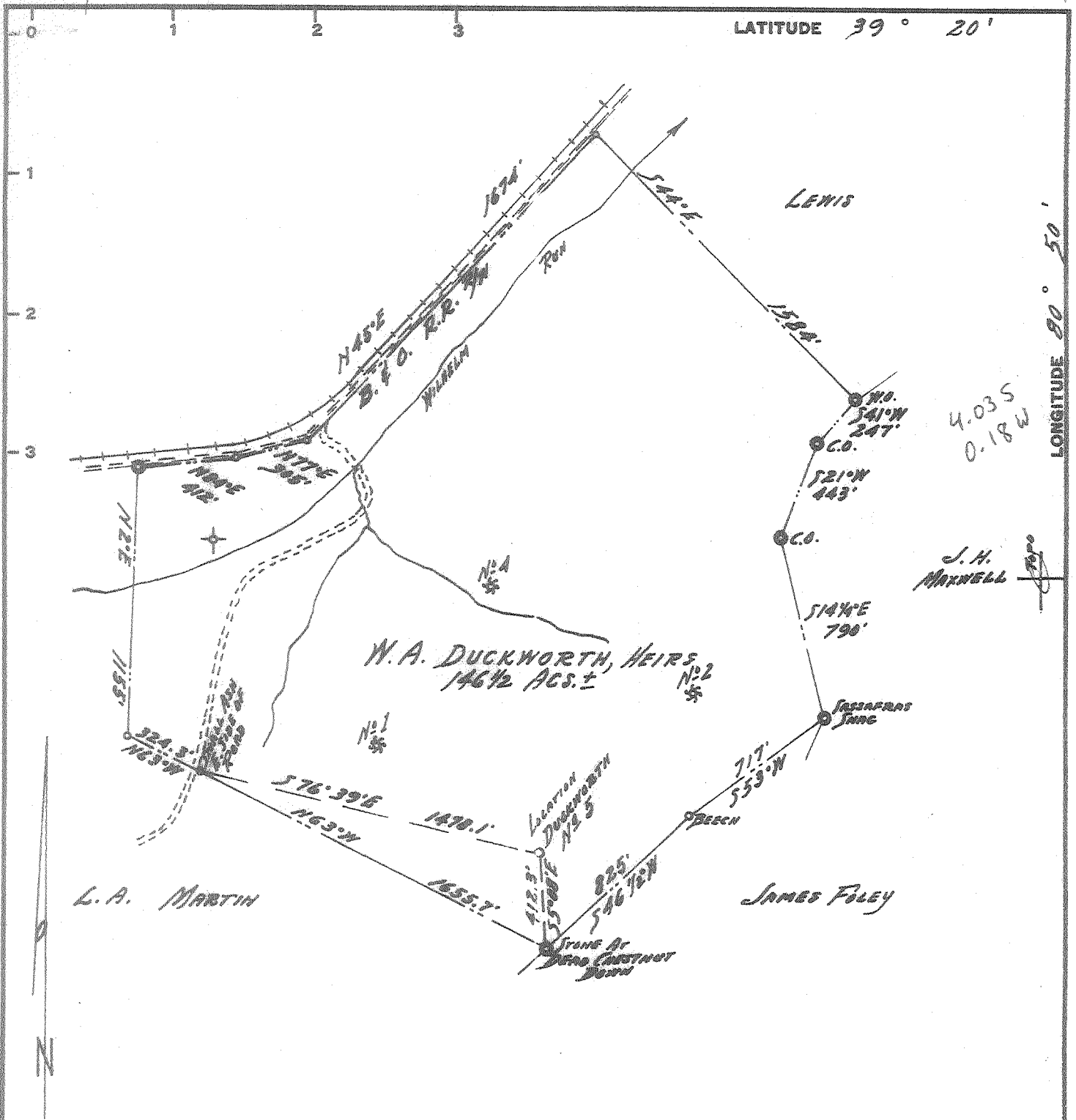
WELL LOCATION MAP

FILE NO. ~~1494~~
000-1393-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.

47-017 MAY 6 1975



Minimum Error of Closure $\frac{1}{2,000}$

Source of Elevation Road Intersection At Old Clay Lick School
1 Mi. S.W. of Location

- Fracture.....
- 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.

Signed: Paul S. Dean

Map No. _____ Squares: N S E W

Company N.G. CLARK, ET AL.
 Address Box 423, CHARLESTON 22, W.VA.
 Farm W. A. DUCKWORTH, HEIRS
 Tract / Acres 146 1/2 Lease No. _____
 Well (Farm) No. FIVE Serial No. _____
 Elevation (Spirit Level) 1065
 Quadrangle WEST UNION - SC
 County DOBBSRIDGE District CENTRAL
 Engineer Paul S. Dean
 Engineer's Registration No. 1856
 File No. 136-7-27 Drawing No. 66-41
 Date MAY 6, 1966 Scale 1" = 600'

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

WELL LOCATION MAP

FILE NO. ~~1194~~
000-1393

+ 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.

66-41



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle West Union

Permit No. DOD 1383

WELL RECORD

Oil or Gas Well Oil and Gas
(KIND)

Company N. G. Clark et al
Address Box 427 Charleston, W. Va. 25322
Farm W. A. Duckworth Acres 146
Location (waters) Wilhelm Run
Well No. 5 Elev. 1065
District Central County Doddridge
The surface of tract is owned in fee by W. A. Duckworth
Address West Union, W. Va.
Mineral rights are owned by Same
Address

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	11	11	
13			
10	472	180	Size of
8 1/4	1099		Depth set
6			
5 3/16			
4 1/2	2240	2240	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced July 25, 1966
Drilling completed Sept. 28, 1966
Date Shot From To

Open Flow /10ths Water in Inch
/10ths Merc. in Inch

Volume Show Cu. Ft.
Block Pressure None taken lbs. hrs.

Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) 600 bbls. of water and 20,000 lbs of sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 250,000 gas 5bbls. oil

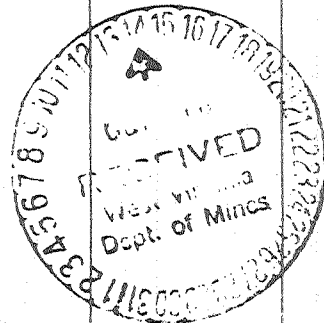
ROCK PRESSURE AFTER TREATMENT None taken HOURS

Fresh Water Feet 1768 and 680' Salt Water Feet

Producing Sand Big Injun Depth 2244

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2240 No. Ft. 9-29-66 Date
Amount of cement used (bags) 80
Name of Service Co. Dowell
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	Remarks
Surface	Yellow	Soft	0	10			
Red Rock	Red	Soft	10	79			
Lime	White	Hard	79	101			
Red Rock	Red	Soft	101	176	Fresh Water	176	1 bailer an hr
Sand	White	Hard	176	228			
Red Rock	Red	Soft	228	246			
Lime	White	Hard	246	259			
Red Rock	Red	Soft	259	279			
Lime-shell	Grey	Soft	279	298			
late-Shell	Grey	Soft	298	313			
Sand	White	Hard	313	353			
Red Rock	Red	Soft	353	374			
Lime	White	Hard	374	394			
Red Rock	Red	Soft	394	401			
Lime	Red	Hard	401	529			
late-Shell	Grey	Soft	529	545			
Red Rock	Red	Soft	545	557			
Lime	White	Hard	557	574			
Red Rock	Red	Soft	574	624			
Lime	White	Hard	624	639			
Sand	White	Hard	639	715	Fresh Water	680	2 bailer an hr.
Lime	White	Hard	715	864			
late	Grey	Soft	864	899			
Red Rock	Red	Soft	899	907			
late	Grey	Soft	907	939			
Lime	White	Hard	939	957			
Red Rock	Red	Soft	957	1011			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	White	Hard	1011	1026			
Red Rock	Red	Soft	1026	1073			
Sand	White	Hard	1073	1103			
Slate	Grey	Soft	1103	1119			
Red Rock	Red	Soft	1119	1191			
Lime	White	Hard	1191	1201			
Red Rock	Red	Soft	1201	1218			
Lime	White	Hard	1218	1265			
Sand	White	Hard	1265	1280			
Slate	Grey	Soft	1280	1303			
Sand	White	Hard	1303	1323			
Lime	White	Hard	1323	1362			
Sand	White	Hard	1362	1396			
Slate	Grey	Soft	1396	1406			
Lime	White	Hard	1406	1441			
Sand	White	Hard	1441	1522			
Lime	White	Hard	1522	1536			
Sand	White	Hard	1536	1595			
Slate	Grey	Soft	1595	1615			
Sand	White	Hard	1615	1706			
Slate	Grey	Soft	1706	1716			
Lime	White	Hard	1716	1798			
Sand	White	Hard	1798	1908			
Slate	Grey	Soft	1908	1918			
Sand	White	Hard	1918	1948			
Lime	White	Hard	1948	2040			
Slate	Grey	Soft	2040	2045			
Big Lime	White	Hard	2045	2123			
Sand Injun	White	Hard	2123	2192	Gas	2126-2130	Show
					Oil	2155-2166	Show
Slate	Grey	Soft	2192	2202			
Lime	White	Hard	2202	2236			
Slate	Grey	Soft	2236	2244			

Date October 12, 1966, 19__

APPROVED N. G. Clark et al, Owner

By N. G. Clark (Title)

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

RECORDED

MAR 03 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	Glenn, Inc. dba/ E.N. Clark
ADDRESS	P.O. Box 422, Sutton, W.Va. 26601
COAL OPERATOR OR OWNER	April 15 1976
ADDRESS	Central
LEASE OR PROPERTY OWNER	Doddridge
ADDRESS	Well. No. Five
	W.A. Duckworth Farm

STATE INSPECTOR SUPERVISING PLUGGING Paul Garrett - Clarksburg, W.Va. 26301

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of _____ SE:

_____ and
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by _____ well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the _____ day of _____, 19____, and that the well was plugged

PLUGS USED AND DEPTH PLACED

CEMENT-THICKNESS	WOOD-SIZE	LEAD	BRIDGES	CASING AND TUBING		
			CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
2244-2080	Clay			2136	2 3/8"	None
2080-1960	Cement			1613	11 1/2"	627
1613-1585	Stone+Clay			None	16"	11
1585-1535	Cement					
715-690	Stone+Clay					
690-660	Cement		Marker set as required by Rule 2:14			
200-155	Stone+Clay					
155-125	Cement					
90-30	Stone+Clay					
30-0	Cement					

Drillers' Names Ed Clark
Ed Clark - Contractor

Remarks: Completed 5/7/76

and that the work of plugging and filling said well was completed on the 7th day of MAY 1976

And further deponents saith not.

Ed Clark

Sworn to and subscribed before me this 1st day of March, 1982

Cherrie D. Dean
Notary Public

My commission expires:

April 2, 1991

Permit No. 017-1383-P