

- Fracture....
 Redrill....
~~New Location~~
 Drill Deeper....
 Abandonment.....

Source of Elevation *Ed. PK. ELY. 1013' USGS*

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.

Minimum accuracy, one part in 200

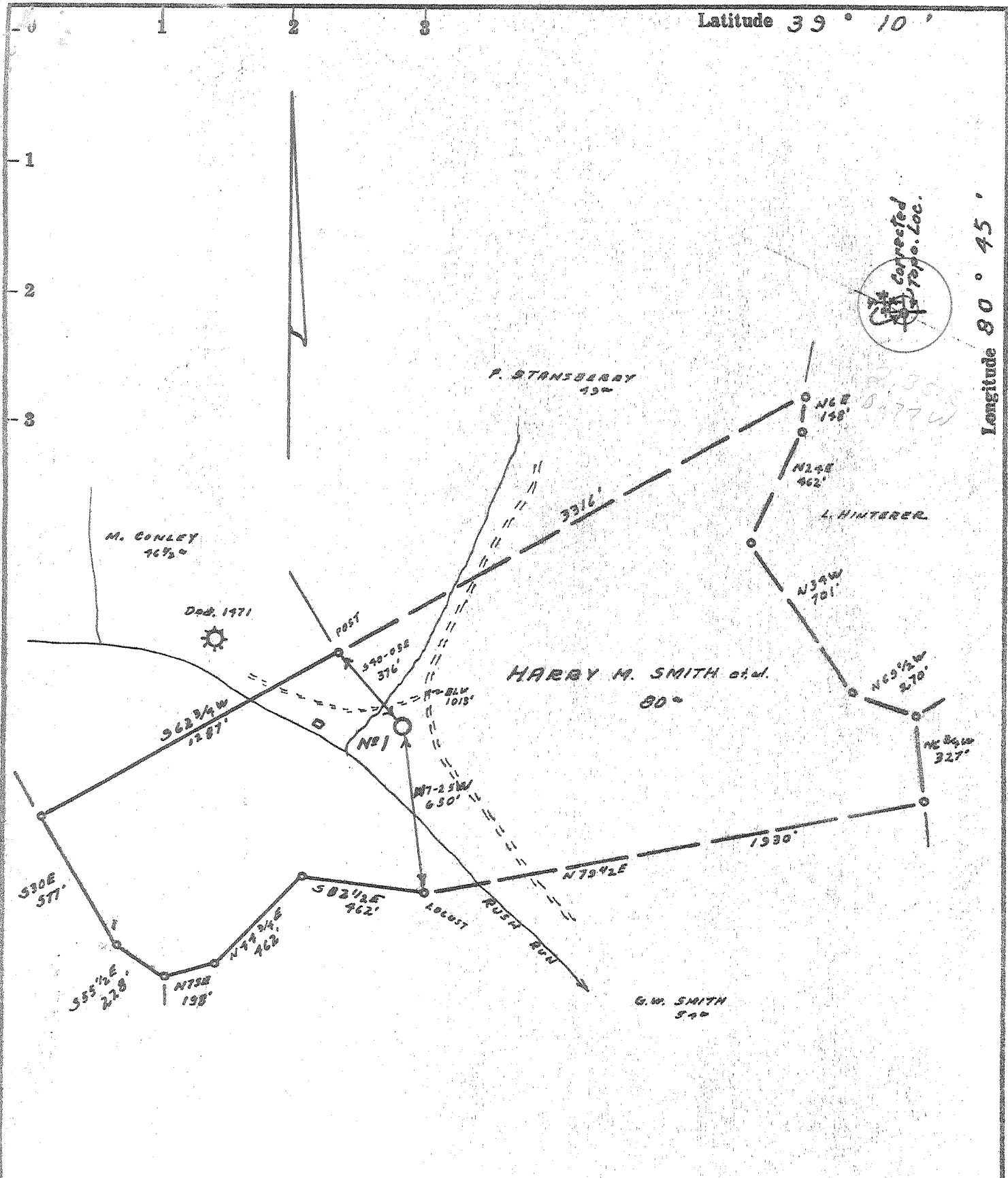
Company *Big D Industrial Equipment, Inc.*
 Address *414 Union Trust Building, Parkersburg, W. Va. 26101*
 Farm *HARRY M. SMITH et al.*
 Tract _____ Acres *80* Lease No. _____
 Well (Farm) No. *1* Serial No. _____
 Elevation (Spirit Level) *1007'*
 Quadrangle *HOLBROOK N44 EC*
 County *DODDRIDGE* District *COVE*
 Engineer *R. J. McWilliam*
 Engineer's Registration No. *105* L.L.S.
 File No. *219/100* Drawing No. _____
 Date *7-31-71* Scale *1" = 500'*

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. *Dodd-1631-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.

AUG 2 1974



- Fracture....
- Redrill.....
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- Drill Deeper.....
- Abandonment.....

Source of Elevation BL. EX. ELEV. 1913' U.S.G.S.

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.

Minimum accuracy, one part in 200

Company JOHN R. WARREN d.b.a. WARREN DRILL CO.

Address OKLAHOMA CITY, OKLAHOMA 73112

Farm HARRY M. SMITH et al.

Tract _____ Acres 80 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 1007'

Quadrangle HOLBROOK NE 43 EC

County DODDRIDGE District COVE

Engineer R. J. McWilliams

Engineer's Registration No. 105 L.L.S.

File No. 219/108 Drawing No. _____

Date 7-31-71 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. Dodd-1631

+ 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.



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SEP 20 1971

39-15
6-25

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

- Rotary
- Spuders
- Cable Tools
- Storage

Quadrangle Holbrook-NE

Permit No. DODD- 1631

WELL RECORD

Oil or Gas Well Gas (KIND)

Company John R. Warren dba Warren Drilling Co.
 Address 1215 United Founders Tower
Oklahoma City, Okla. 73112
 Operator H.M. Smith (Spurgeon) Acres 80
 Location (waters) Rush Run
 Well No. One Elev. 1007'
 District Cove County Doddridge
 The surface of tract is owned in fee by Mrs. H.M. Smith
 Address Connings, W. Va.
 Mineral rights are owned by H.M. Smith, Ira Spurgeon
 Address Connings, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4	209	209	Cemented to surface
6 5/8			Depth set
5 3/16			
4 1/2	2154	2154'	
3			Perf. top. 2030'
2	209	2035'	Perf. bottom. 2033'
Liners Used			Perf. top.
			Perf. bottom

Drilling commenced 8/7/71
 Drilling completed 8/11/71
 Test Shot none From To
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume Cu. Ft.
 Back Pressure lbs. hrs.
 bbls., 1st 24 hrs.

Attach copy of cementing record.
 CASING CEMENTED 4 1/2 SIZE 2154' No. Ft. ~~5000~~ Date 8/12/71
 Amount of cement used (bags) 70 Type I
 Name of Service Co. Halliburton
 COAL WAS ENCOUNTERED AT none FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS) 1033 Bbls. water, 38000# 20-40 sand, 29 B/M. at 3000 psi
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,100 mcf
 BACK PRESSURE AFTER TREATMENT 555 psi HOURS 13
 Fresh Water Surface Feet Salt Water non recorded- Mud Drilling
 Producing Sand Big Injun Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
ay			0	20			
sandy shal, red rock			20	1060			
sand			1060	1076			
shale			1076	1240			
shale, sand			1240	1650			
sand			1650	1660			
shale			1660	1740			
sand			1740	1775			Maxon
shale			1775	1850			
sand			1850	1872			
shale			1872	1910			
lime			1910	1942			
shale			1942	1950			
sandy lime			1950	1961			
lime			1961	2017			Big Lime
sand			2017	2074			Big Injun
slate&shale			2074	2401			
sand			2401	2408			
shale			2408	2608			
sand			2608	2617			Gordon Stray
silt			2617	2622			
sand			2622	2626			Gordon
shale			2626	2690			
TD			2690				

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

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MAY 26 1981

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT OF MINES, 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	Big D Industrial Equipment Inc.
ADDRESS	NAME OF WELL OPERATOR 414 Union Trust Bldg. Parkersburg, W.Va. 26101
COAL OPERATOR OR OWNER	COMPLETE ADDRESS May 20 19 81
ADDRESS	WELL AND LOCATION Cove District
LEASE OR PROPERTY OWNER	Doddridge County
ADDRESS	Well No. One
	Harry M. Smith Farm
	Wm. Blosser, Colfax, W.Va.

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of _____ } SS:

E.N. Clark 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 Big D. Industrial Equipment well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 10th day of July, 1974, and that the well was plugged and filled in the following manner:

PLUGS USED AND DEPTH PLACED			BRICKS		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION	LOCATION	RECOVERED	SIZE	LOST
	T.D. - 2190				2035	2'	NONE
	Graded to 2150				1432	4 1/2"	722'
250'	CEMENT. Plug Set.			2150-1390'			
4 1/2"	CASING CUT. C.			1432'			
55'	CEMENT. Plug. Set.			1432-1377'			
	Pulled. 37. JOINTS - 4 1/2" CASING.						
111'	CEMENT. Plug. Set.			300-139'			
	Pulled. BAL. 4 1/2" CASING -						
37'	CEMENT. Plug. Set.			TO SURFACE WITH MARKET.			

(NAME)	
(NAME)	
(NAME)	

and that the work of plugging and filling said well was completed on the 13th day of August, 1974

And further deponents saith not.

Big D Industrial Equipment, Inc.

BY: _____

Sworn to and subscribed before me this 21st day of May, 1981

My commission expires:

4/28/88

Notary Public
Joyce Wright
017-1631-P

Permit No. _____