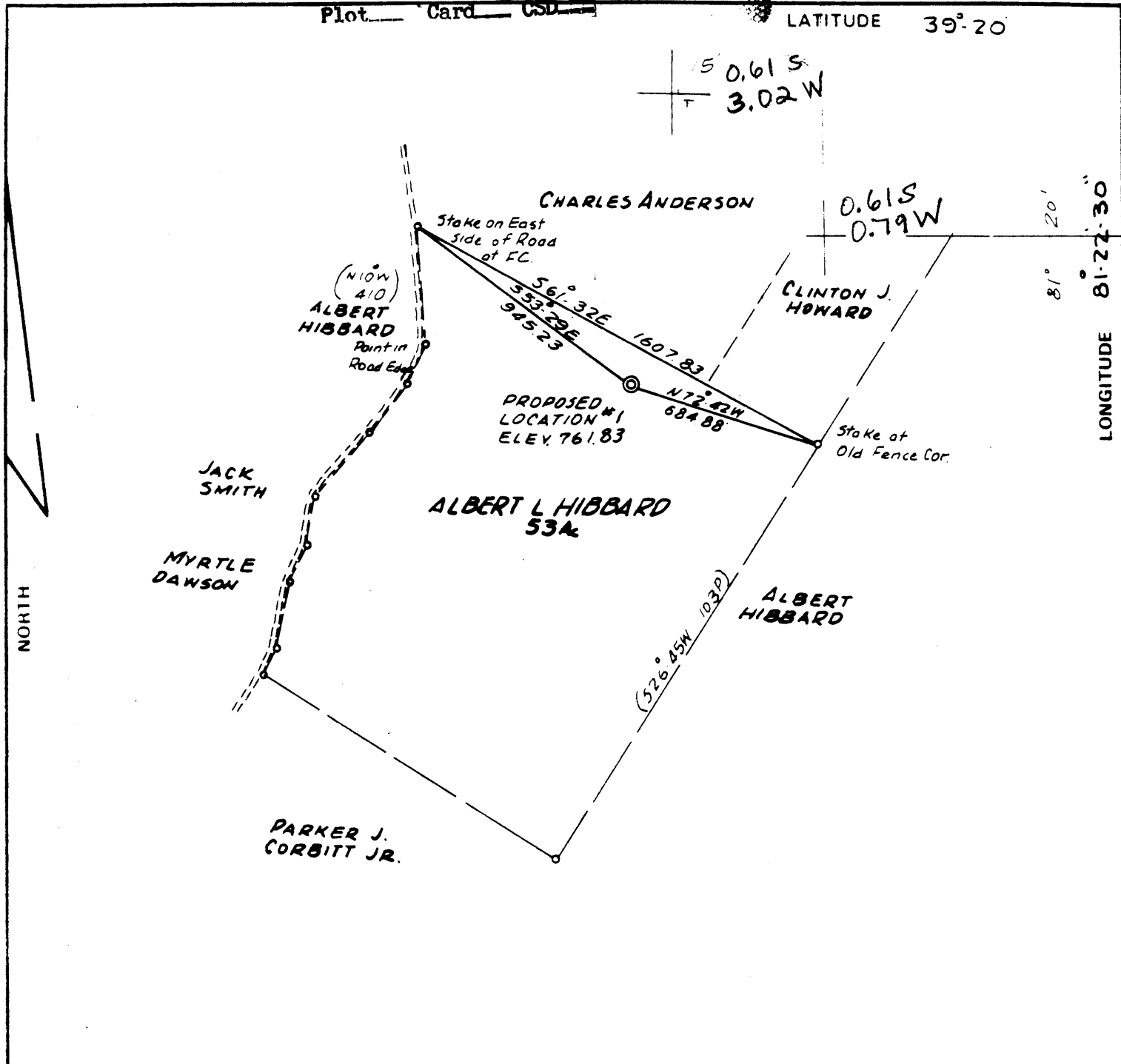


0.61 S
3.02 W



FILE NO _____
 DRAWING NO. _____
 SCALE 1" = 500 FT.
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Intersection
ELEV. 616

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Frank E. Barber
 R.P.E. _____ L.L.S. # 289

PLACE SEAL HERE

— DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE JAN 31, 19 81
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
47 - 107 - 1181-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION ELEVATION 761.83 WATER SHED CARPENTER RUN
 DISTRICT UNION COUNTY WOOD
 QUADRANGLE VALLEY MILLS

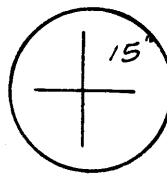
SURFACE OWNER ALBERT L. HIBBARD ACREAGE 53
 OIL & GAS ROYALTY OWNER ALBERT L. HIBBARD LEASE ACREAGE 53
 LEASE NO. _____

PROPOSED WORK DRILL. CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION GORDON ESTIMATED DEPTH 2500
 WELL OPERATOR H.D. WELLS OIL & GAS EXP. DEV. INC. DESIGNATED AGENT H.D. WELLS
 ADDRESS P.O. BOX 1785, CHARLESTON, W.V. 25326 ADDRESS P.O. BOX 1785, CHARLESTON, W.V. 25326

MAY 21 1984

LATITUDE 39° 20'

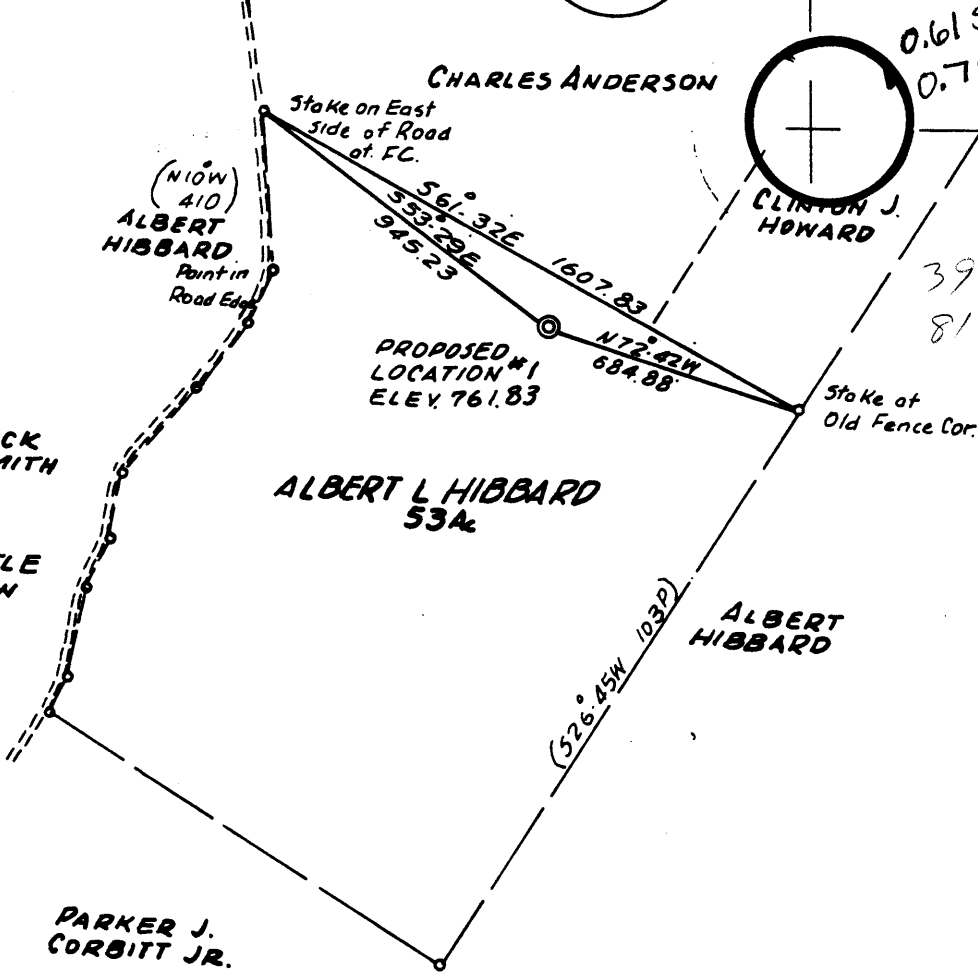


0.61 S
302 W

0.61 S
0.79 W

81° 20' 30"
LONGITUDE 81° 22' 30"

NORTH



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500 FT.
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Road Intersection
ELEV. 616

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) Frank H. Barber
R.P.E. _____ L.L.S. # 289

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



DATE JAN 31, 19 81
OPERATOR'S WELL NO. _____
API WELL NO. _____
47 - 107 - 1181
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 761.83 WATER SHED CARPENTER RUN
DISTRICT UNION COUNTY WOOD
QUADRANGLE VALLEY MILLS Marietta 15'SC
SURFACE OWNER ALBERT L. HIBBARD ACREAGE 93
OIL & GAS ROYALTY OWNER ALBERT L. HIBBARD LEASE ACREAGE 93
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION GORDON ESTIMATED DEPTH 2500'
WELL OPERATOR H.O. WELLS OIL & GAS EXP. DEV. INC. DESIGNATED AGENT H. D. WELLS
ADDRESS P.O. BOX 1785, CHARLESTON, W.Va. 25326 ADDRESS P.O. BOX 1785, CHARLESTON, W.Va. 25326

NOV 5 1981



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JAN 13 1982

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. X
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Marietta
Permit No. 47-107-1181

Company H. D. Wells Oil & Gas Expl & Dev
Address Box 1785, Charleston, WV
Farm Albert Hibbard Acres -69-
Location (waters) Carpenter's Run
Well No. One Elev 761.83
District Union County Wood
The surface of tract is owned in fee by _____
Albert Hibbard
Address Waverly, WV
Mineral rights are owned by same
Address _____
Drilling Commenced 10-21-81
Drilling Completed 10-25-81
Initial open flow 100,000 cu. ft. _____ bbls.
Final production 150,000 cu. ft. per day -3- bbls.
Well open -3- hrs. before test 690 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	300	300	to surface
7			
5 1/2			
4 1/2	2543	2543	1000' fill up
3			
2 1/2"	2200	2200	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fracture Berea: 600 BBLs water, clay & iron stabilizers; 60,000 lbs of 20/40 sand
Fracture Gordon: 800 BBLs water, 1000 gallons acid, 60,000 lb sand

Coal was encountered at none Feet _____ Inches _____
Fresh water -60- Feet _____ Salt Water -1100- Feet _____
Producing Sand Berea 2118-2126 & Gordon 2480-2490 Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil	B	s	0	2		
Clay	R	s	2	14		
Sand	g	s	14	70		
Red Rock	r	s	70	210		
Slate	b	s	210	400		
Red Rock	r	s	400	475		
Shale/Slate		h	475	495		
Shells	w	h	495	675		
Red Rock	r	h	675	1060		
Sand	w	h	1060	1200		
Slate	w	s	1200	1460		
Shells	b	h	1460	1548		
Big Injun		s	1548	1740		
Lime	b	h	1740	1765		
Slate	w	s	1765	2035		
Shale	b	h	2035	2116		
Berea	g	h	2116	2126	Show of gas	
Shale	g	h	2126	2480		
Gordon	g	s	2480	2496	Show of gas	
Shale	b	h	2496	2629	Total Depth	

(over)

* Indicates Electric Log tops in the remarks section.

JAN 20 1982

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

Date Jan 6, 1982

APPROVED _____, Owner

By A. D. Miller Pres
(Title)



Well No. NO. 1
Farm HIBBARD
API # 47 - 107 - 1181
Date Oct 19, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /
LOCATION: Elevation: 761.83 Watershed: Carpenter Run
District: Union County: Wood Quadrangle: Marietta

WELL OPERATOR H. D. WELLS OIL & GAS EXP & DEV
Address P. O. Box 1785
Charleston, WV

DESIGNATED AGENT H. D. WELLS III
Address P. O. Box 1785
Charleston, WV

ROYALTY OWNER Albert L. Hibbard
Address Rt. 1, Box 210
Waverly, WV
Address -53-

COAL OPERATOR None
Address

SURFACE OWNER same
Address
Address

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME
Address
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
Name Deo Mace
Address Rt. 1 Box 5
Sand Ridge, WV
Telephone 655-7398

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OCT 20 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated 10-27, 1978, to the undersigned well operator from Quaker State Oil Refining Corp.

Recorded on 10-27, 1981, in the office of the Clerk of County Commission of Wood County, West Virginia, in 714 Book at page 185. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
113 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BILL

H. D. WELLS OIL & GAS EXPL & DEV, INC
Well Operator
By: [Signature]
Its: President

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) F W A

Address Elk view W.V.

GEOLOGICAL TARGET FORMATION Gordon

Estimated depth of completed well 2500' feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 60 feet; salt, feet.
Approximate coal seam depths: none
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling		
Conductor								Kinds
Fresh water	8 5/8			X			300'	to surface
Coal								Sizes
Intermed.								
Production	4 1/2		10.5	X			2500'	1000' fill up
Tubing								Depths set <u> </u>
Liners								Perforations: <u> </u>
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 6-21-82

J. J. Murray
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By:

Its:

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AUG 24 1984

AFFIDAVIT OF PLUGGING AND FILLING WELL OIL & GAS DIVISION

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.

None
Coal Operator or Owner
Address
Coal Operator or Owner
Address
Albert L. Hibbard
Lease or Property Owner
Rt. 1, Box 210, Waverly, WV 26184
Address

H. D. Wells Oil & Gas Exp. & Dev., Inc.
Name of Well Operator
P.O. Box 1785, Charleston, WV 25326
Complete Address
Hibbard #1 19 84
WELL AND LOCATION
Union _____ District _____
Wood _____ County _____
WELL NO. 47-107-1181
Albert L. Hibbard Farm

STATE INSPECTOR SUPERVISING PLUGGING Glenn Roberts

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SEP 10 1984
OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

H. D. Wells, III and William Shreve

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 H. D. Wells Oil & Gas, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 18th day of June, 19 84, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
<u>Gordon to Surface</u>	<u>Cement Plug (42 sacks) - see Drilling Ticket # 0132 231</u>	<u>Cement Plug #1 2400' to 2300'</u>	<u>4 1/2 1100 Feet</u>	<u>1400</u>
	<u>1700# Gel Between Plugs #1 4 1/2" casing 42 7/8 OH</u>	<u>Cement Plug #2 1400 - 1500</u>		<u>8 5/8</u>
	<u>#3 7 1/2 OH</u>	<u>Cement Plug #3 225'</u>		
	<u>#4 8 5/8 to 5' above</u>	<u>Cement Plug #4 to' to surface</u>		
		<u>85 SACKS 50/60 6% Gel 3% Coloc</u>		
Coal Seams <u>None</u>		Description of Monument		
(Name)		<u>Well tag at top of</u>		
(Name)		<u>cemented casing</u>		
(Name)		<u>approved by state</u>		
(Name)		<u>inspector</u>		

and that the work of plugging and filling said well was completed on the 18th day of June, 19 84.

And further deponents saith not.

Sworn to and subscribed before me this 23 day of August, 19 84.
H. D. Wells, III
William A Shreve
Glenn Roberts
Notary Public

My commission expires:
Sept. 22, 1991

Permit No. 107-1181