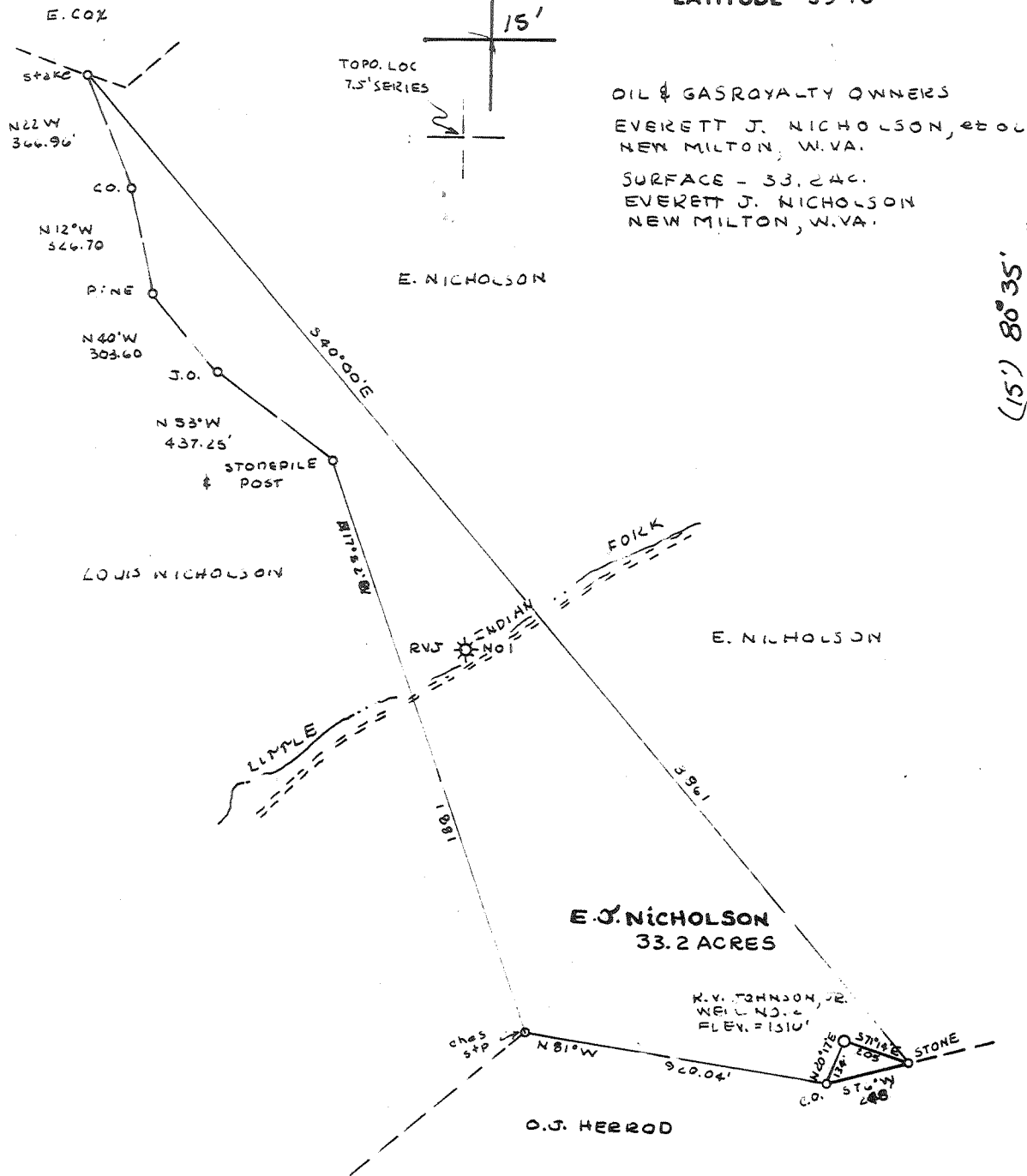


5-2

Card 7.5' SERIES

H) 5-8-80

LATITUDE 39°10'



(15') 80°35'
LONGITUDE 80°37'30"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOR
400'± E. OF LOC. - ELEV.=1446'

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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

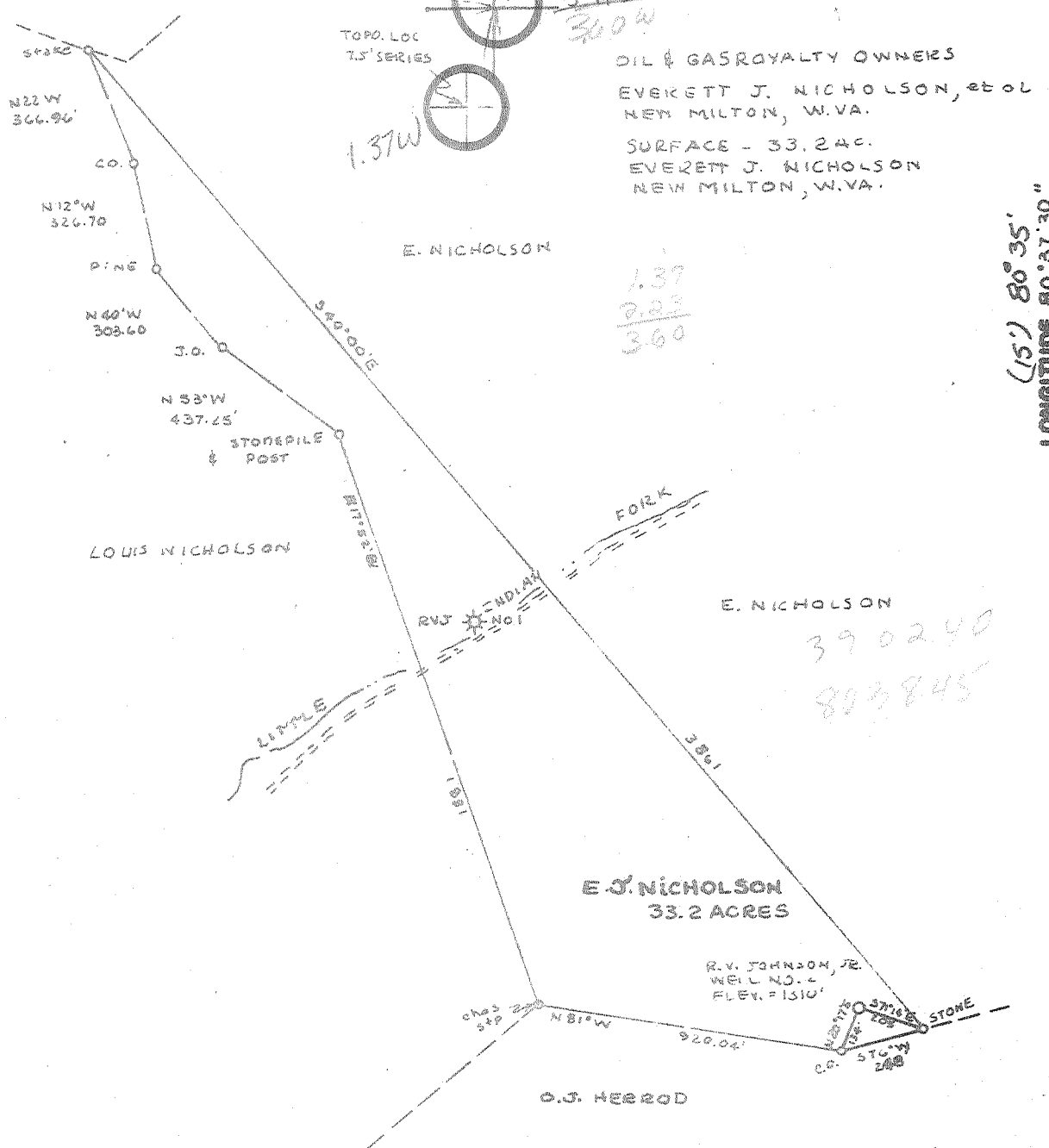


DATE APRIL 28, 1980
 OPERATOR'S WELL NO. TWO
 API WELL NO. 47-017-2739-P
 STATE COUNTY PERMIT

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 1310' WATER SHED LITTLE INDIAN FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5' YADIS 15'
 SURFACE OWNER EVERETT J. NICHOLSON ACREAGE 33.2
 OIL & GAS ROYALTY OWNER EVERETT J. NICHOLSON, et al LEASE ACREAGE 33.2
 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 BIG INDIAN ESTIMATED DEPTH 2600±
 WELL OPERATOR RUSSELL V. JOHNSON, JR DESIGNATED AGENT GAL SMYTHE
 ADDRESS DRAWER "L" ADDRESS DRAWER "L"
GLENVILLE, W.VA. 26351 GLENVILLE, W.VA. 26351

JUL 10 1980



LONGITUDE 80°37'30"

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 400' E OF LOC. - ELEV. 1446'

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.
Mark C. Echard
(SIGNED) MARK C. ECHARD
R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE APRIL 28, 1980
OPERATOR'S WELL NO. TWO
API WELL NO. 47-017-2739
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 1310' WATER SHED LITTLE INDIAN FORK
DISTRICT NEW MILTON COUNTY DODDRIDGE
QUADRANGLE NEW MILTON 7.5' X ADIS 15' C
SURFACE OWNER EVERETT J. NICHOLSON ACREAGE 33.2
OIL & GAS ROYALTY OWNER EVERETT J. NICHOLSON, et al LEASE ACREAGE 33.2
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 RIG INTLN ESTIMATED DEPTH 2600±
WELL OPERATOR RUSSELL V. JOHNSON, JR DESIGNATED AGENT GAI SMYTHE
ADDRESS DRAWER "1" GLENVILLE W.VA 26351 ADDRESS DRAWER "1" GLENVILLE W.VA 26351

6-6 Meathouse Fork-Bristol (146)

JUN 17 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle New Milton

Permit No. 2739

Company Russell V. Johnson, Jr.
 Address P.O. Drawer "L", Glenville, WV
 Farm E.J. Nicholson Acres 33.2
 Location (waters) Indian Fork
 Well No. Two Elev. 1310'
 District New Milton County Doddridge
 The surface of tract is owned in fee by _____
Everett J. Nicholson
 Address New Milton, WV 26411
 Mineral rights are owned by E.J. Nicholson et al
 Address New Milton, WV 26411
 Drilling Commenced 6-17-80
 Drilling Completed 6-19-80
 Initial open flow _____ cu. ft _____ bbls
 Final production SEE BELOW cu. ft. per day _____ bbls.
 Well open _____ hrs. before test _____ RP

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft (Sks.)
Size 20-16			
Cond. 13-10"			
4 1/2"	402'	402'	115 sks
4 1/2"	2575	2575	120 sks
2"	2490'	2490'	
Liners Used			

Well treatment details: Attach copy of cementing record.
 15% NCL Acid 500 gal. 2441 to 2444 2500PD
 L53 ClayCon't 23 gal. 2483 to 2486
 W44 None-Emul. 22 gal.
 20/40 Prop 30000# BBLs. 498
 80/100 Prop 10000#
 J266 Gell 350#
 F78 Surf 18 gal.
 Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Big Injun Depth 2414-2527

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			21	82		
Sand & Shale			82	419		
Sand & Shale			419	2350		
Lime			2350	2365		
Shale & Red Rock			2365	2374		
Lime			2374	2414		
Big Injun			2414	2527		
Shale			2527			
Logger's TD				2590		

Init. Flow: 0 Cf, 0 Bbl
 Final : 3 Cf, 25 Bbl
 Well Open : - , 100# RP

Damp 821'
 Soaping

RECEIVED
 JUL 10 1981

OIL & GAS DIVISION
 DEPT. OF MINES

By: J. L. Sniffen
 Date: May 26, 1981

AUG 17 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. E.J. Nicholson #2

API Well No. 47-017 - 2739
State County Permit

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage ___ / Deep ___ / Shallow

LOCATION: Elevation: 1310' Watershed: Indian Fork
District: New Milton County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR Russell V. Johnson, Jr.
Address Drawer "L"
Glenville, WV 26351

DESIGNATED AGENT Gai L. Smythe
Address Drawer "L"
Glenville, WV 26351

OIL & GAS ROYALTY OWNER E.J. Nicholson et al
Address New Milton, WV 26411

COAL OPERATOR ---none---
Address

Acreage 33.2 A

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Everett J. Nicholson
Address New Milton, WV 26411

Name _____
Address _____

Acreage 33.2 A

Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name N/A
Address

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech
Clarksburg, WV 26301
622-3871

Name _____
Address _____
RECEIVED
MAY - 1 1980

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract ___ / dated 6 August, 1979, to the undersigned well operator from Rockwell Petroleum Company

[If said deed, lease, or other contract has been recorded:]
Recorded on 3/17, 1980, in the office of the Clerk of the County Commission of Gilmer County, West Virginia, in Lease Book 114 at page 98. A permit is requested as follows:

PROPOSED WORK: Drill / 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 the receipt of this Application by the Department.

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 lessee on or before the day of the mailing or delivery of this Permit 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
619 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 346-2000

Russell V. Johnson, Jr.
Well Operator

BLANKET SIGNATURE

By Gai L. Smythe
Deputy

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 2610' feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 120 feet; salt, _____ feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11-3/4			X		30'	30'		Kinds
Fresh water	8-5/8		20.0#	X		300'	300'	85 sks	
Coal									Sizes
Intermediate									
Production	4 1/2		9.5#	X			2540'	115 sks	Depths set
Tubing									
Liners									Perforations:
									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 included in the Form IV-2 filed in connection therewith.

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 1-13-81.


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 regulations.

Date: _____, 19____

By _____

Its _____

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, 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	<u>Russell V. Johnson, Jr.</u>
Address	<u>1518 First City Place</u> <u>Oklahoma City, Okla. 73102</u>
Coal Operator or Owner	<u>October 28</u> 19 <u>88</u>
Address	<u>New Milton</u> District
Lease or Property Owner	<u>Doddridge</u> County
Address	WELL NO. <u>2</u>

STATE INSPECTOR SUPERVISING PLUGGING

E. J. Nicholson
RECEIVED
NOV 14 1988

AFFIDAVIT

STATE OF OKLAHOMA
County of Oklahoma

ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Halliburton and Gai Smythe

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 Russell V. Johnson, Jr., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13th day of November, 19 82, 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>Big Injun</u>	<u>Standard class H for cement plugs and 6 % gel between plugs.</u>	<u>Cement Plugs</u> <u>2490'-2390'</u> <u>gel 2390'-1614'</u>	<u>41/2</u> <u>1564</u>	<u>1067</u>
		<u>Cement Plug</u> <u>1614'-1424'</u> <u>gel 1424'-430'</u>	<u>85/8</u> <u>0</u>	<u>402</u>
		<u>Cement Plug</u> <u>430'-330'</u> <u>gel 330'-50'</u>		
		<u>Cement Plug</u> <u>50'-0'</u>		
<u>Coal Seams</u>		<u>Description of Monument</u>		
(Name)		<u>Plugging monument</u>		
(Name)		<u>w/8 5/8" weld cap</u>		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 13th day of November, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 10th day of November, 19 88.

Russell V. Johnson, Jr. Operator
Susan Rene Jackson
Notary Public

My commission expires:
October 12, 1991

NOV 18 1988 Permit No. 017-2739-P