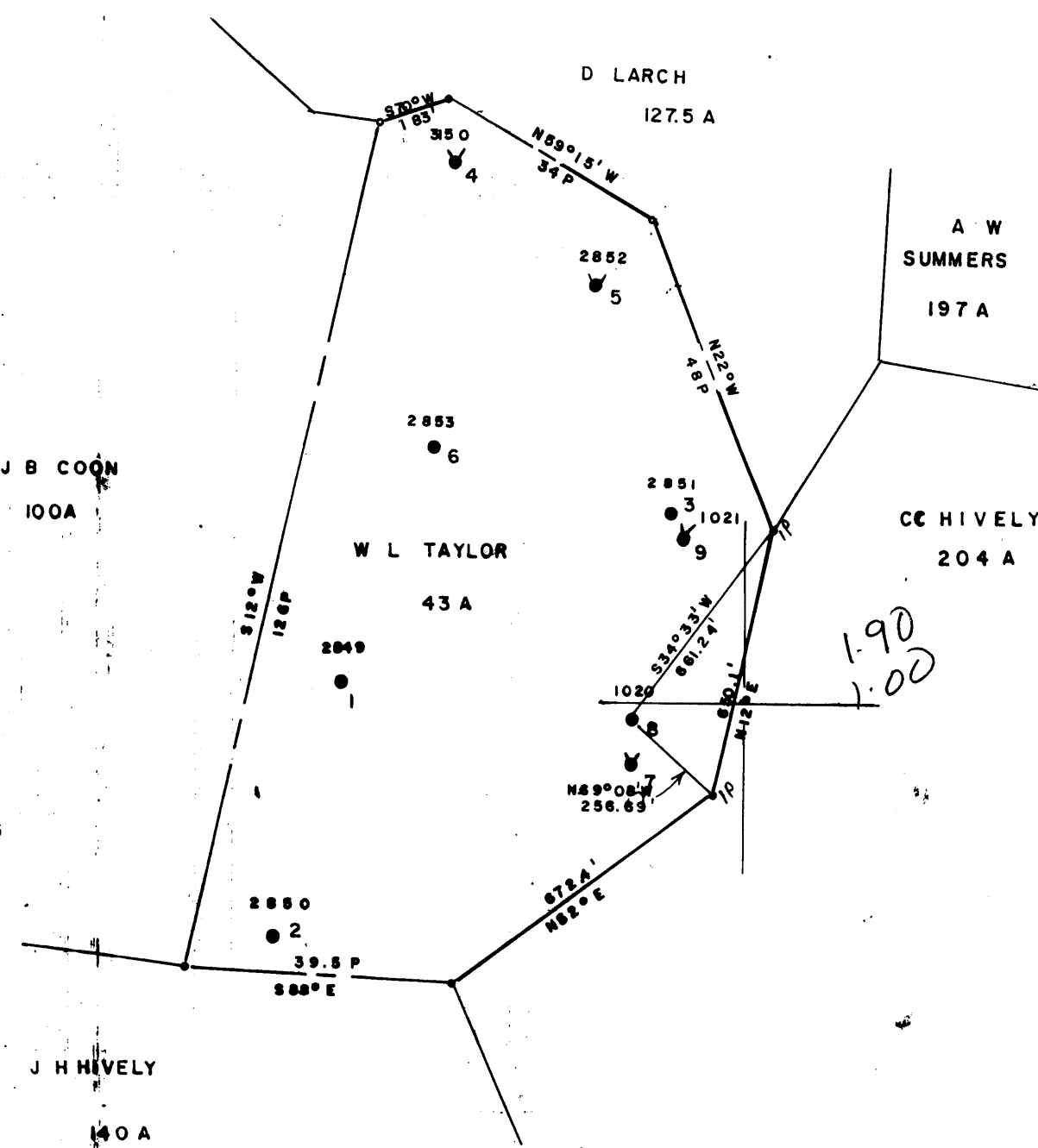
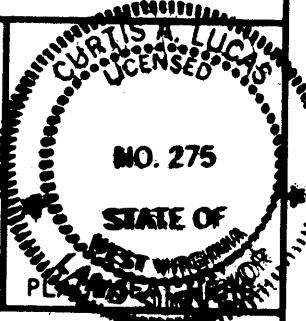


NORTH



FILE NO. _____
 MAP NO. 70 SOS.
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION PENNZOIL CO. RECORDS

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) Curtis A Lucas
 CURTIS A LUCAS PS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUGUST 4, 1997
 FARM W L TAYLOR NO. 8
 API WELL NO. 47 - 87 - 1020 - P
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 999 WATER SHED GREEN CREEK
 DISTRICT WALTON COUNTY ROANE
 QUADRANGLE KETTLE

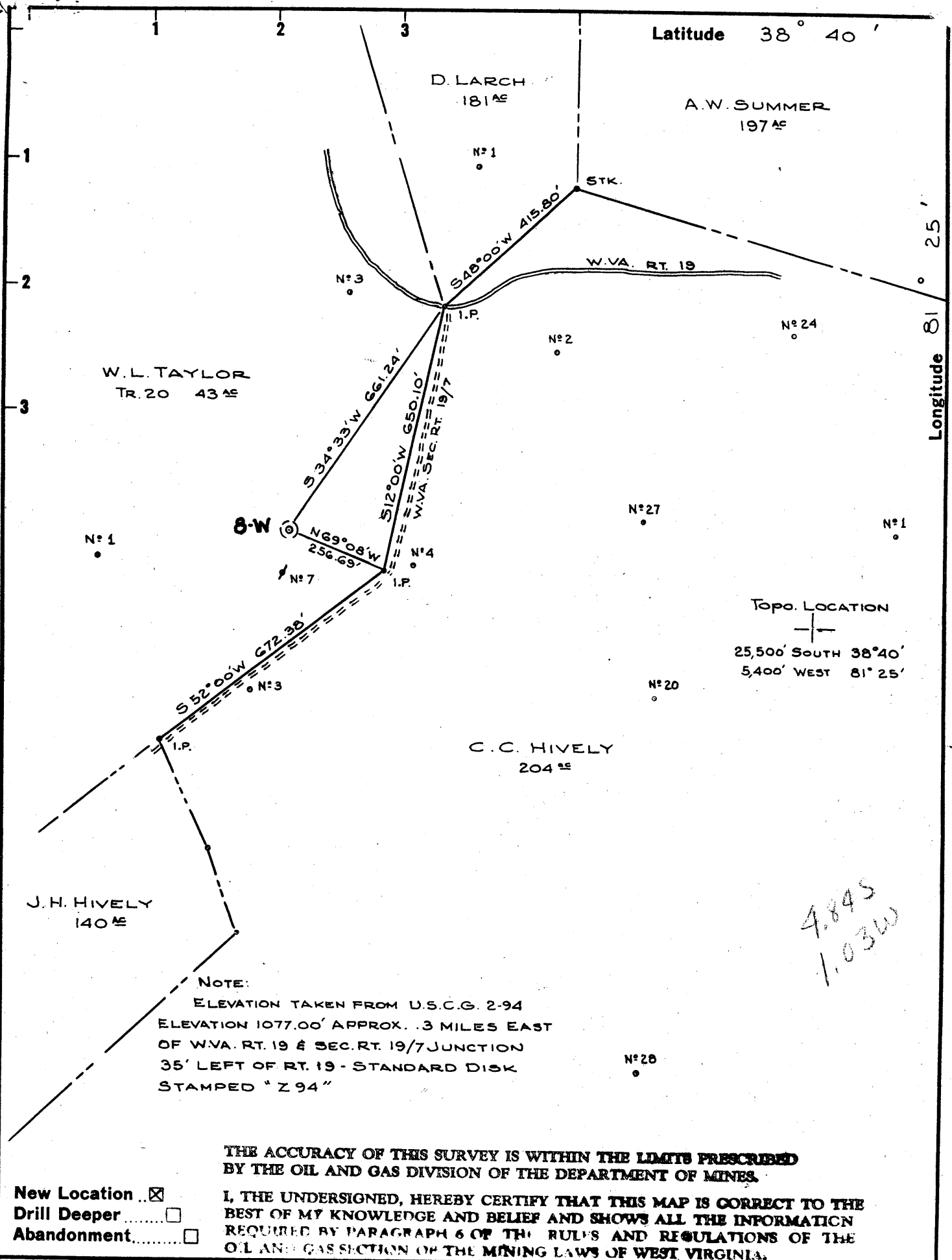
now 2854

SURFACE OWNER JACK R VANCE ACREAGE _____
 OIL & GAS ROYALTY OWNER TAYLOR HRS. _____ LEASE ACREAGE 43
 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) _____

AUG 15 1997

PLUG AND BANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION BIG IN JUN ESTIMATED DEPTH 2101
 WELL OPERATOR B HEFNER & ASSOC DESIGNATED AGENT G B HEFNER
 ADDRESS PO BOX 249 ADDRESS PO BOX 249



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.

Company CITIES SERVICE OIL CO.
 Address BOX 873, CHARLESTON, W.VA.
 Farm W.L. TAYLOR
 Tract 20 Acres 43² Lease No. _____
 Well (Farm) No. 8-W Serial No. _____
 Elevation (Spirit Level) 999.47
 Quadrangle WALTON-4 - W-105
 County ROANE District WALTON
 Engineer Wendell S. Moore
 Engineer's Registration No. 2113
 File No. _____ Drawing No. W-3-64
 Date 10-FEB.-1964 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. ROA-1020
2854

+ Denotes location of well on United States Topographic Maps, scale 1 to _____ latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

Samples! 30' - 2030' 13-H 8-0



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 15

Rotary
Spudder
Cable Tools
Storage water
Oil or Gas Well injection

Quadrangle Walton 4 SW

Permit No. Roa-1020 2854

WELL RECORD

Company Cities Service Oil Company
Address P.O. Box 873, Charleston 23, W. Va.
Farm W. L. Taylor, et al Acres 43⁺
Location (waters) _____
Well No. 8-W Elev. 999.47'
District Walton County Roane
The surface of tract is owned in fee by Mrs. Masie Ray
Address Walton, W. Va.
Mineral rights are owned by Mrs. Ruby Hammock
Address Walton, W. Va.
Drilling commenced 2-24-64
Drilling completed 4-7-64
Date Shot not shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED not acidized

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16 3/8" 48#	33'	33'	Baker Model "A" Size of 4"x2"
10 3/4" 32#	806'	806'	
7" 23#	1937'	102'	Depth set <u>2021' 6"</u>
5 3/16"			
3"			Perf. top _____
2 3/8" 4.6#	2030'	2030'	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
see reverse side
COAL WAS ENCOUNTERED AT 756 FEET 12 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

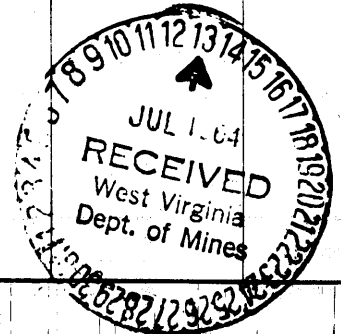
WELL FRACTURED not fractured

RESULT AFTER TREATMENT Water injection well

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 65' Feet Salt Water 1500-07' 1584-95' Feet 1612-19'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	30			
Blue Slate			30	35			
Sand			35	70	F. water	65'	1/2-10"blr/hr
Red Rock			70	91			
Blue Slate			91	96			
Sand			96	116			
Slate			116	125			
Lime			125	150			
Sand			150	241			
Slate			241	248			
Lime			248	270			
Red Rock			270	288			
Sand			288	295			
Lime			295	307			
Sand			307	405			
Lime			405	413			
Red Rock			413	423			
Lime			423	438			
Red Rock			438	446			
Lime			446	463			
Red Rock			463	534			
Lime			534	557			
Slate			557	588			
Red Rock			588	617			
Slate			617	626			
Sand			626	647			
Slate			647	658			



Formation	Color	Hard or Soft	Top 15	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			658	665			
Red Rock			665	689			
Lime			689	745			
Slate			745	756			
Coal			756	757			
Lime			757	801			
Sand			801	825			
Slate			825	833			
Lime			833	840			
Sand			840	926			
Slate			926	940			
Dunkard Sand			940	982			
Slate			982	985			
Black Carbonaceous Shale			985	997			
Big Dunkard			997	1042			
Slate			1042	1050			
Sand			1050	1165			
Slate			1165	1214			
Sand			1214	1222			
Slate			1222	1290			
Slate, Sand & Shells			1290	1339			
Sand			1339	1370			
Slate and Shells			1370	1453			
Salt Sand			1453	1866	S. water	1500-07'	1-10" b/r/hr.
Little Lime			1866	1890	Oil	1585'	show
Pencil			1890	1900	S. water	1584-95'	2-10" b/r/hr.
Big Lime			1900	2034	S. water	1612-19'	hole full
Big Injun			2034	2096	Gas	1961'	show
Shale			2096	2112'DLM=			
				2114'SLM			
Total depth-----				2114'SLM=2115'Schl Meas.			
Plugged back depth-----				2101'			
Cored 2027' to 2115' T. D. by Dikor Drilling Co. Reamed hole to 6-1/4" from 2027' to T. D.							
CASING RECORD							
3-7-64	Ran 10-3/4" with steel shoe at 800'DLM-set in 20' red clay						
3-31-64	Ran 7" with steel shoe at 1922'DLM-R/L nipple 3 joints from bottom. Centralizers on 1st jt. 10' from bottom. Cemented with 6 sacks. Pulled 1835' later						
4-15-64	Ran 4-1/2" with steel shoe at 2115'Schl. Meas. Ran Screw Down Packer at 2043'. Packer insert 2' off bottom. Centralizers on 1st, 3rd and 5th joints. Gelled hole with 75 bbls. water and 10 sacks Gel. Unscrewed 7" at R/L nipple-pulled. Ran 250 gal. mud flush, 325 sacks Pozmix Cement, 25 sacks Latex Cement. Pumped plug to 2103'						
4-14-64	Ran Logs: Induction, Density, Gamma Ray, Neutron, Temperature and Integrated Sonic.						
4-20-64	Ran Cement Top Locator Log-found cement at 990'						
7-7-64	Perforated 2045-2066' 85 shots 1/2" dia. 4/shots per ft. Checked hole with sand pump-open to 2118'. Dumped 1 sack cement 2118-2105'						
7-8-64	Dumped 1 sack cement 2114-2101' Ran 2-3/8" tubing with Baker 4x2 Model "A" Packer set at 2021'6"						

Date July 10, 1964

APPROVED Cities Service Oil Company, Owner

By W. S. Moore, Div. Sup't
(Title)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

now 87-2854

WV Division of Environmental Protection
AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE 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.

Farm name: VANCE, JACK R. Operator Well No.: W.L.TAYLOR #8

LOCATION: Elevation: 999.00 Quadrangle: KETTLE
District: WALTON County: ROANE
Latitude: 10000 Feet South of 38 Deg. 37 Min. 30 Sec.
Longitude 5300 Feet West of 81 Deg. 25 Min. 0 Sec.

Well Type: OIL X GAS _____
G B HEFNER & ASSOC dba
Company: ROCK CREEK OIL CO
P O BOX 249
BRIDGEPORT WV 26330

Coal Operator _____
or Owner _____

Agent: G B HEFNER

Coal Operator _____
or Owner _____

Permit Issued: 08/15/97

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of ROANE

ss:

CHRIS RAINES and RONALD PAXTON 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 the above named well operator, and participated in the work of plugging and filling the above well, and HOMER DOUGHERTY Oil and Gas Inspector representing the Director, say that said work was commenced on the 8th day of September, 1997, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	2101	2021	Shot off tubing @ 2021	
Cement	2021	1921	Shot off 4 1/2" @ freepoint	
Gel	1921	718	(718) left	407
Cement	718	618		
Gel	618	300	10 3/4" left	806 (Cemented)
Cement	300	200		
Gel	200	50		
Cement	50	surface		

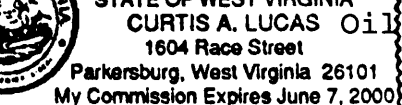
Description of monument: 1 joint 7" csg extending 30" above surface and that the work of plugging and filling said well was completed on the 11th day of September, 1997.

And further deponents saith not.

Sworn and subscribe before me this 11th day of September, 1997

My commission expires: June 7, 2000

Chris Raines
Ronald Paxton
Curtis A. Lucas
Notary Public



Oil and Gas Inspector: H. H. Dougherty
was not on location during plugging