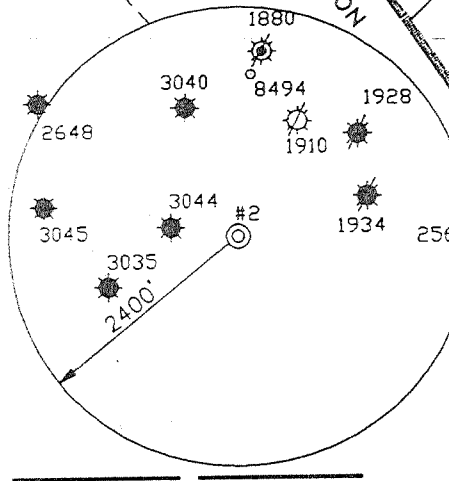
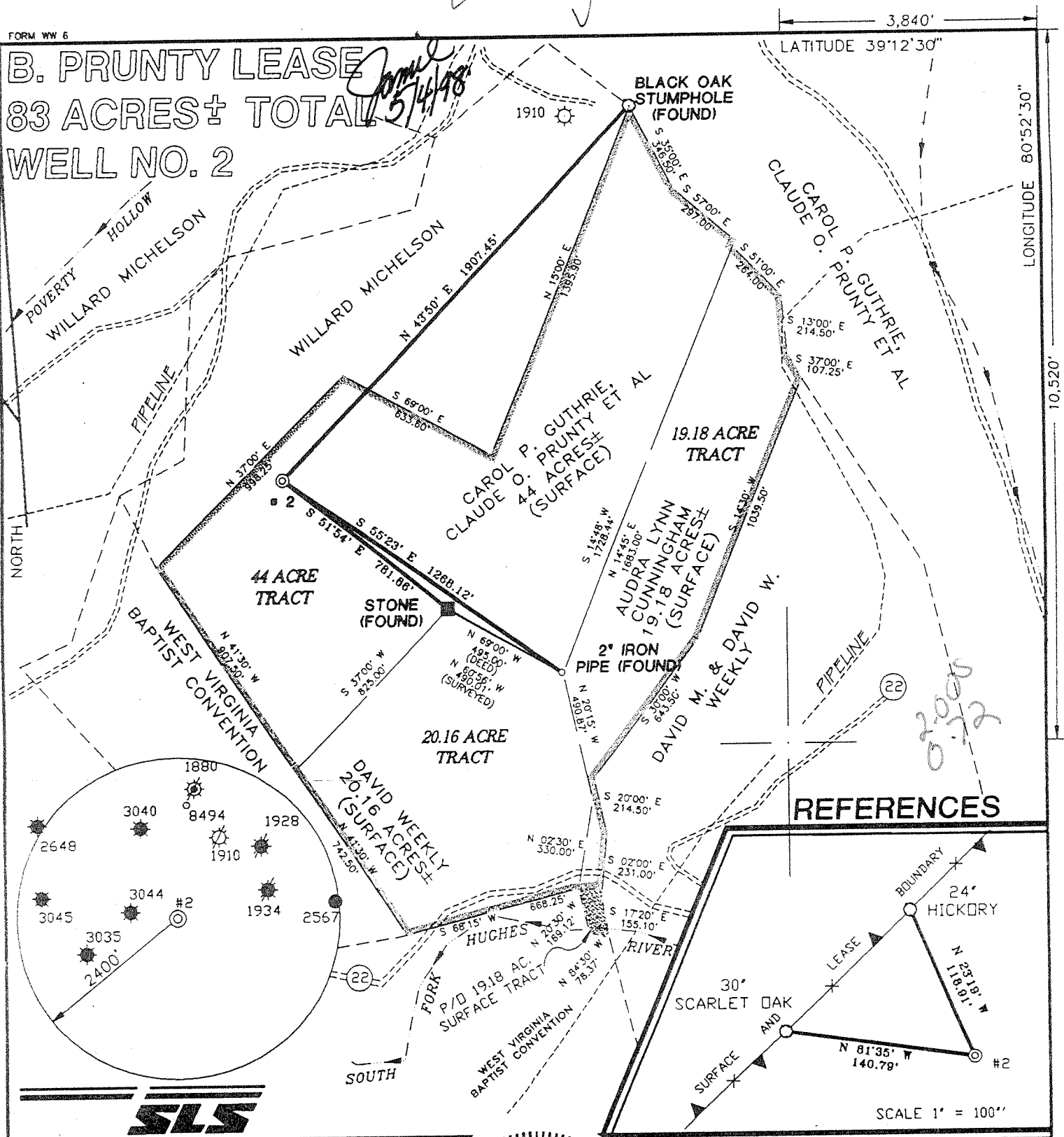
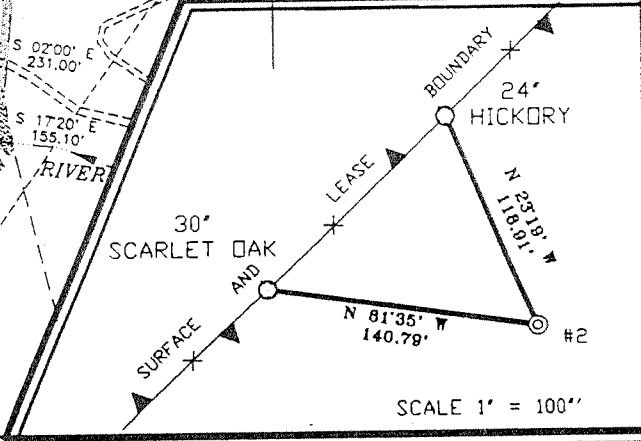


B. PRUNTY LEASE
83 ACRES± TOTAL
WELL NO. 2

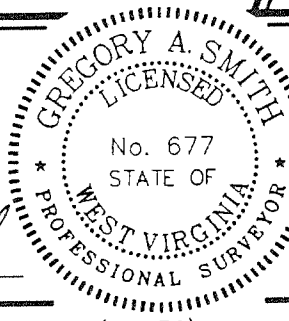
5/14/98



REFERENCES



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 ENERGY.



P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 9, 19 98
 OPERATORS WELL NO. B. PRUNTY # 2
 API WELL NO. 47-085-08541
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3911P2 (64-76)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 791' SCALE 1" = 500'

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

WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1115' WATERSHED SOUTH FORK HUGHES RIVER
 DISTRICT UNION COUNTY RITCHIE QUADRANGLE PULLMAN 7.5'
 SURFACE OWNER CAROL P. GUTHRIE, CLAUDE O. PRUNTY ET AL ACREAGE 44
 ROYALTY OWNER EMMA PRUNTY ET AL LEASE ACREAGE 44 OF 83
 PROPOSED WORK : LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN
 ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

COUNTY NAME RITCHIE
 PERMIT 08541

6-6-13

MAY 11 4 1998

WR-35

01-May-98
API # 47 - 85 - 08541

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed [Signature]

Well Operator's Report of Well Work

Farm name: William F. Prunty

Operator Well No. : B. Prunty #2

LOCATION: Elevation: 1115.00

Quadrangle: Pullman

District: Union County: Ritchie
Latitude: 10,520' Feet South of 39 Deg. 12 Min. 30 Sec.
Longitude: 3,840' Feet West of 80 Deg. 52 Min. 30 Sec.

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: SAM HERSMAN
Permit Issued: 05/01/98
Well Work Commenced: 07/10/98
Well Work Completed: 07/15/98
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5541'
Fresh water depths (ft) 20', 220'
Salt water depths (ft) NONE

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	123.55'	123.55'	125 sks To Surface
8 5/8"	2168.20'	2168.20'	630 sks To Surface
4 1/2"	5377'	5377'	460 sks
2 3/8"		5208'	

Is coal being mined in area (Y / N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Warren	3435' - 3492'
Speechley	3502' - 3537'
Balltown	3844' - 4509'
Rileys	4550' - 4832'
Benson	4970' - 4980'
Elk	5151' - 5172'
Producing formation <u>Alexander</u>	Pay zone depth (ft) <u>5206' - 5291'</u>
Gas: Initial open flow <u>No Show</u> MCF / d	Oil: Initial open flow <u>0</u> Bbl / d
Final open flow <u>1,532</u> MCF / d	Oil: Final open flow <u>show</u> Bbl / d
Time of open flow between initial and final tests <u>N/A</u>	Hours
Static rock pressure <u>1750</u> psig (surface pressure) after <u>96</u>	Hours

Second producing formation Commingled Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF / d	Oil: Initial open flow _____ Bbl / d
Final open flow _____ MCF / d	Oil: Final open flow _____ Bbl / d
Time of open flow between initial and final tests _____	Hours
Static rock pressure _____ psig (surface pressure) after _____	Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: KEY OIL COMPANY

By: [Signature]
Date: March 9, 1999

PRESIDENT

MAR 29 1999

RIT 8541

B. Prunty #2 (47-085-08541)
Four Stage Foam Frac - Halliburton

1 st Stage:	Alexander (14 holes) (5228.25' to 5271.75') Elk (2 holes) (5159.50' to 5159.75')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 550,000 SCF N2, 812 bbls foam.
2 nd Stage:	Benson (9 holes) (4974' to 4976') Third Riley (3 holes) (4820.75' to 4821.25')	60 Quality Foam. 750 gal 15% HCL. 40,000# 20/40 sand, 417,000 SCF N2, 617 bbls foam.
3 rd Stage:	Riley (5 holes) (4594.5' to 4595.5') Balltown (8 holes) (4129.25' to 4489.50')	60 Quality Foam. 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 502,000 SCF N2, 744 bbls foam.
4 th Stage:	Speechley (2 holes) (3516.75' & 3517) Warren (10 hole) (3455' to 3480.25')	60 Quality Foam. 750 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 502,000 SCF N2, 684 bbls foam.

WELL LOG

Fill	0	4
Red Rock	4	26
Sand	26	84
Red Rock & Sand	84	398
Sand	398	437
Sand & Shale	437	714
Red Rock & Shale	714	1015
Sand & Shale	1015	1177
Red Rock & Shale	1177	1320
Sand & Shale	1320	1546
Blue Shell	1546	1555
Sand & Shale & Red Rock	1555	1601
Sand & Shale	1601	2002
Little Lime	2002	2034
Sand & Shale	2034	2054
Big Lime	2054	2108
Big Injun	2108	2189
Shale	2189	2351
Weir	2351	2493
Sand & Shale	2493	3435
Warren	3435	3492
Shale	3492	3502
Speechley	3502	3537
Sand & Shale	3537	3844
Balltown	3844	4509
Shale	4509	4550
Riley	4550	4614
Sand & Shale	4614	4801
Third Riley	4801	4832
Shale	4832	4970
Benson	4970	4980
Shale	4980	5151
Elk	5151	5172
Shale	5172	5206
Alexander	5206	5291
Shale & siltstone	5291	5541
TD	5541	

Damp @ 20'

1 1/2" water @ 220'

GAS CHECKS

2213' - No Show
 2527' - No show
 3336' - No Show
 3634' - No Show
 4371' - 6/10^{ths} 1/2" w-H²O
 4652' - 10/10^{ths} 1/2" w-H²O
 5093' - 2/10^{ths} 1" w-H²O
 5322' - No Show
 TD - No Show