

E.W. PERKINS LEASE
27,435.67 ACRES ±
PERKINS NO. 17
47-035-00342

19

RANDOLPH GABLE
 T.M. 50, PAR 60.1
 5.27 ACRES ±
 (SURFACE)

GEORGE PACK
 DB 244, PG 283
 T.M. 50, PAR 60
 93.189 ACRES ±
 (SURFACE)

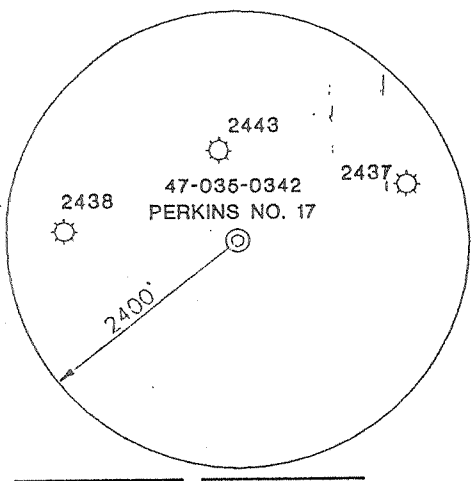
SUE A. REGINA
 AP 47, PG 28
 T.M. 50, PAR 60.2
 3.35 ACRES ±
 (SURFACE)

ROY L. SCHWEINSBERG JR.
 DB 363 698
 T.M. 50, PAR 63.1
 5.00 ACRES ±
 (SURFACE)

GEORGE PACK
 DB 244, PG 283
 T.M. 50, P/O PAR 62
 10.91 ACRES ±
 (SURFACE)

GEORGE PACK
 DB 244, PG 283
 T.M. 50, PAR 63
 25.66 ACRES ±
 (SURFACE)

JAMES LINGAN JR.
 DB 253, PG 74
 T.M. 50, PAR 62.1
 4.09 ACRES ±
 (SURFACE)



E.W. PERKINS NO. 17
WELL NO. 47-035-0342
STATE PLANE COORDINATES
(SOUTH ZONE)
 N. 606,890
 E. 1,816,411
 LAT=(N) 38.664914
 LONG=(W) 81.642962

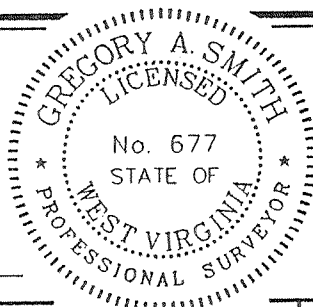
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD'27.
2. LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
3. TRACT BOUNDARY SHOWN HEREON TAKEN FROM A PLAT OF SURVEY DATED 12-07-78 AS PREPARED FOR MARMET REALTY CO. AND RECORDED IN PLAT BOOK 5 ON PAGE 34.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF JACKSON COUNTY IN MARCH 2004.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. APPROXIMATE DEED CLOSURE BASED ON COMBINED DEED DESCRIPTIONS AND ASSUMED MAPPING ERRORS.



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 26, 20 04
 OPERATORS WELL NO. PERKINS NO. 17
 API WELL NO. 47 - 035 - 00342
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5478P17(165-8)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1"= 100'

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

TYPE: OIL GAS INJECTION DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

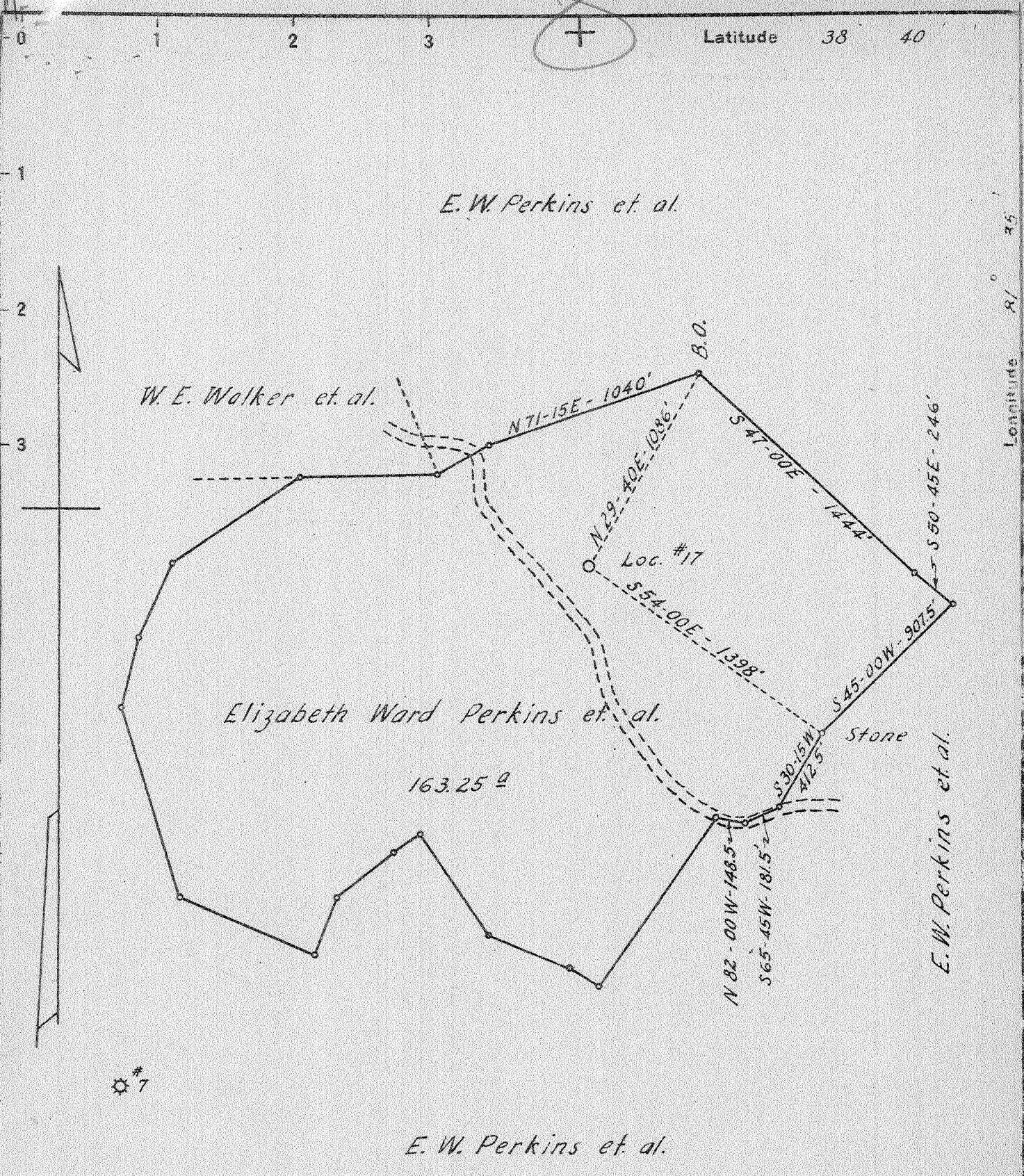
LOCATION:
 ELEVATION 912 WATERSHED GIN RUN OF STONELICK CREEK
 DISTRICT RIPLEY COUNTY JACKSON QUADRANGLE KENNA 7.5'
 SURFACE OWNER GEORGE W. AND MARY B. PACK ACREAGE 10.91±
 ROYALTY OWNER E.W. PERKINS HEIRS OR ASSIGNS LEASE ACREAGE 27,435.67±
 PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
 FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ORISKANY
5261

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT CECIL RAY
 ADDRESS 1710 PENNSYLVANNIA AVE. CHARLESTON, WV 25302 ADDRESS 1710 PENNSYLVANNIA AVE. CHARLESTON, WV 25302

DEEP WELL

MAR 07 2004

629
 LONGITUDE 81°37'30"
 COUNTY NAME JAC
 PERMIT 0342 P



New Location X
 Drill Deeper
 Abandonment

0.12 S
~~3.28 W~~
 3.24-W

Company United Carbon Co.
 Address Charleston, W. Va.
 Farm Elizabeth Ward Perkins et al.
 Tract Acres 27,435⁶⁷ Lease No. 2428
 Well (Farm) No. 17 Serial No. 1061
 Elevation (Spirit Level) 918.3
 Quadrangle Kenna
 County Jackson District Ripley
 Engineer C. G. Withrow
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date May 1, 1942 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-342

+ 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.

6-0-192

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 342	United Carbon Company	Gas Well
Company	United Carbon Bldg., Chas., W. Va.	CASING & TUBING
Address	E. W. Perkins Acres 27435.67	10 3/8 695 0
Farm	Dudden Fork- Poca	10 1/2 1092 0
Location	17 Elev. 918.3	85/8 2179 2179
Well No	Ripley Jackson County	7 5121 5121
District	Delmer Good, Kenna, W. Va.	2 3/8 5250
Surface	c/o J. S. Conley Agt., E. W. Perkins Heirs	CASING CEMENTED:
Mineral	Union Bldg., Chas., W. Va.	8 5/8 464' 7-30-42
Commenced	June 10, 1942	7 215' 9-6-42
Completed	Sept. 16, 1942	
Not shot		
Flow	8/10ths M in 7" O. D. 22#	
Volume	4, 500,000 C.F.	
Rock Pressure	1800 lbs. 24 hrs.	
Fresh Water	658' 1 blr.; 230' 1 1/2 blrs.	
Salt Water	1360' 2 blrs.; 1740' H.F.	

Red Rock	0	170
Sand	170	240
Slate	240	256
Red Rock	256	278
Slate	278	295
Red Rock	295	420
Slate	420	465
Red Rock	465	485
Lime	485	504
Red Rock	504	520
Slate & Shells	520	643
Sand	643	674
Slate	674	700
Red Rock	700	770
Slate	770	790
Red Rock	790	820
Slate & Shells	820	935
Red Rock	935	950
Pink Rock	950	965
Lime	965	980
Red Rock	980	998
Lime Hard	998	1096
Sand	1096	1162
Slate	1162	1330
Sand	1330	1405
Slate & Shells	1405	1640
Gas Sand	1640	1720
Slate & Shells	1720	1728
Salt Sand	1728	1917
Slate	1917	1922
Sand-Maxon	1922	1986
Big Lime	1986	2084
Injun Sand	2084	2122
Slate	2122	2132
Sand - squaw	2132	2145
Slate & Shells	2145	2548
Berea	2548	2558
Slate & Shells	2558	2820
Slate White	2820	3545
Slate & Shells	3545	4180
Brown Shale	4180	4230
Slate	4230	4780
Brown Shale	4780	4975
White Slate	4975	5050
Black Shale - MARCELLUS	5050	5109
Corniferous Lime - 463	5109	5220
Oriskany Sand	5220	5259
Lime - Held	5259	
TOTAL DEPTH		5261

5109 5220
 918 918

 4191 4302

(485)