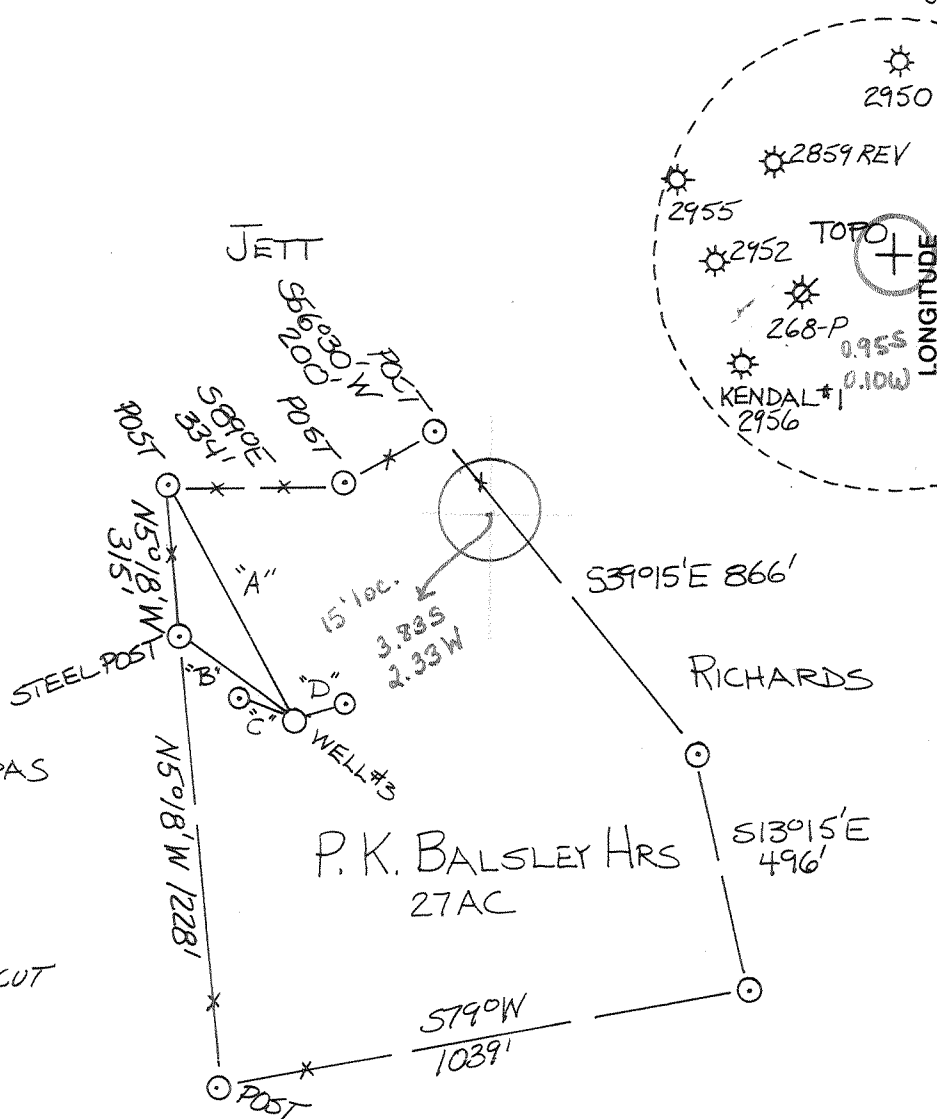


REVISED BALSLEY #3

LATITUDE 39°22'30"  
39°25'-15"

500'

NORTH



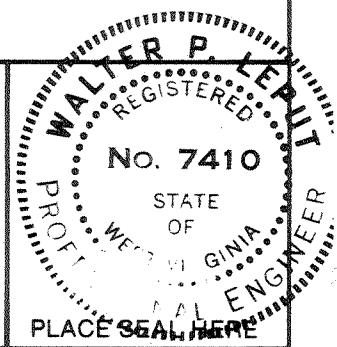
"A" 528°41'E 557'  
 "B" 553°41'E 295'  
 "C" N68°W 120' TO 3' ROCK WITH X-CUT  
 "D" N75°E 109' TO 12" CHERRY TREE  
 NOTES "C" + "D" LANDMARK POINTS

2.80713  
 3.253W

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 6-5-84  
 DRAWING NO. 6-5-84  
 SCALE 1"=400'  
 MINIMUM DEGREE OF ACCURACY 1/1200  
 PROVEN SOURCE OF ELEVATION EO OF ROADS BM #2900' NORTHWEST (1038)

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) Walter P. Lepit  
 R.P.E. 7410 L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 6, 1984  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1261 WATER SHED WEST FORK RIVER  
 DISTRICT CLAY COUNTY HARRISON  
 QUADRANGLE CLARKSBURG 7 1/2 + 15' EC  
 SURFACE OWNER JOHN KENDAL ACREAGE 27  
 OIL & GAS ROYALTY OWNER P.K. BALSLEY HRS LEASE ACREAGE 27  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL X 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 5<sup>TH</sup> SAND ESTIMATED DEPTH 3000  
 WELL OPERATOR HYDROCARBON ENERGIES INC DESIGNATED AGENT AL SORCAN  
 ADDRESS PO DRAWER 976 ADDRESS PO DRAWER 976  
BUCKHANNON W.VA. 26201 BUCKHANNON W.VA. 26201

b-b Brown - Lumberport (104) rec'd 5/7/85

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME PERMIT

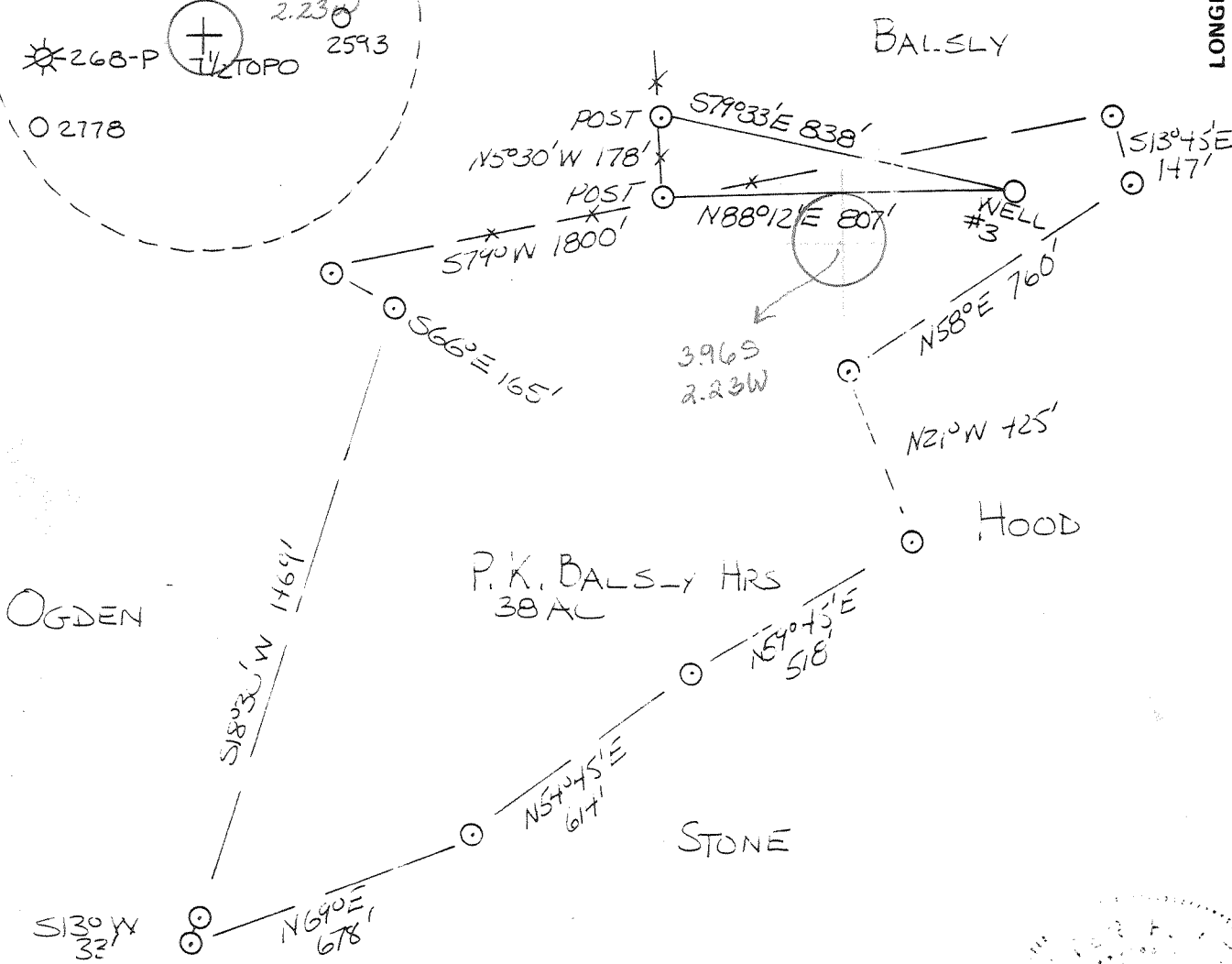
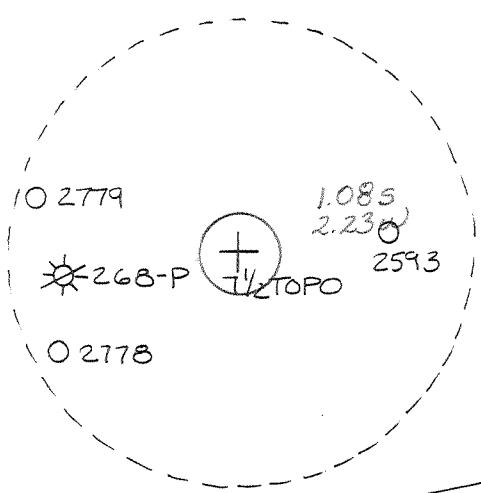
LATITUDE 39°22'30"

39°25'-15"

LONGITUDE 80°15'

5700'

NORTH



FILE NO. 4-13-83  
 DRAWING NO. 4-13-83  
 SCALE 1"=400'  
 MINIMUM DEGREE OF ACCURACY 1/1200  
 PROVEN SOURCE OF ELEVATION BM AT 4 OF ROADS 3700 NORTHWEST (1038)

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) Walter P. Lepert  
 R.P.E. 7410 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APR 13 1983  
 OPERATOR'S WELL NO. Three  
 API WELL NO. 47 - 033 - 2914  
 STATE COUNTY PERMIT

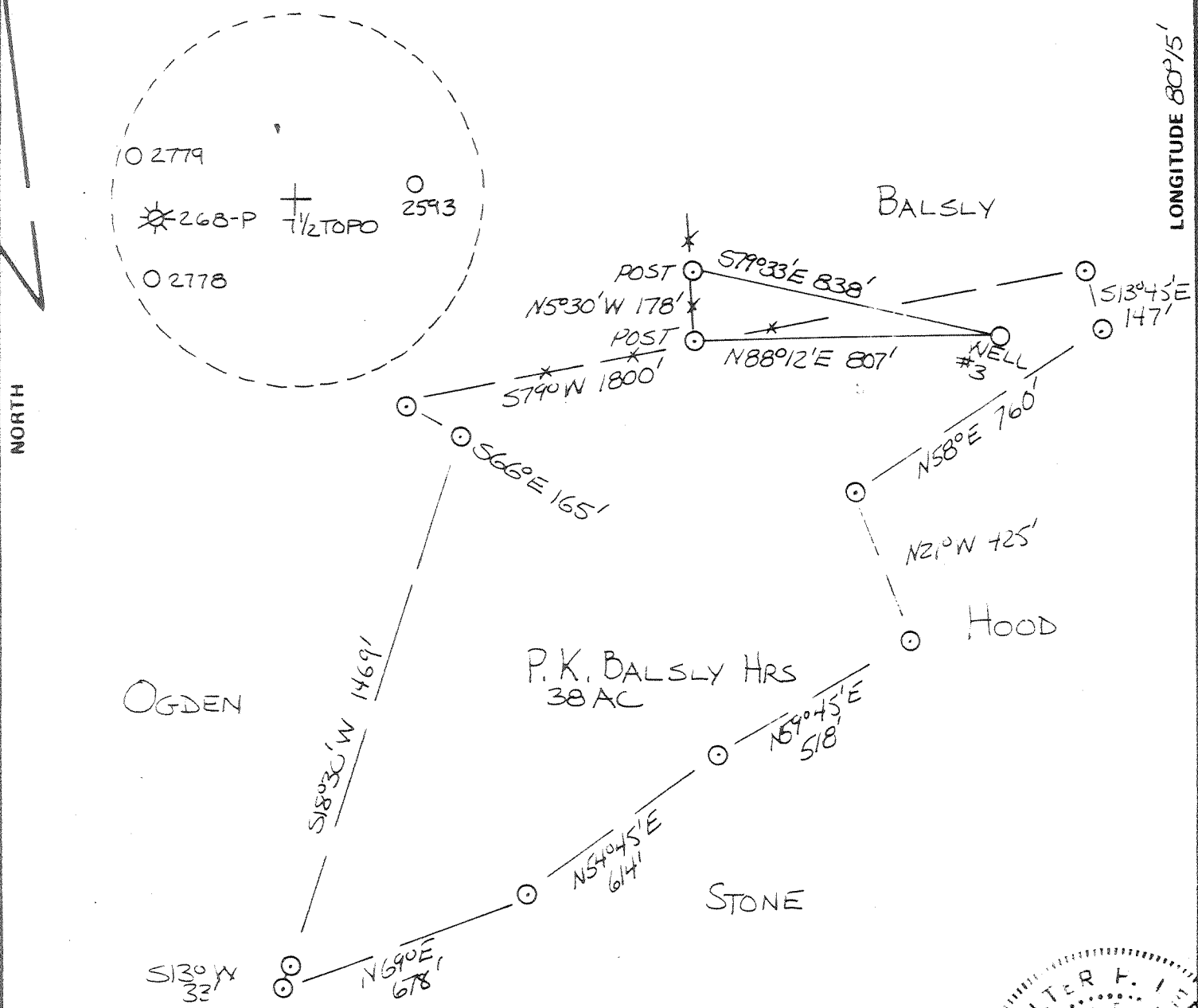
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1418 WATER SHED WEST FORK RIVER  
 DISTRICT CLAY COUNTY HARRISON  
 QUADRANGLE CLARKSBURG 7 1/2 715' EC  
 SURFACE OWNER JOHN KENDAL ACREAGE 38  
 OIL & GAS ROYALTY OWNER P.K. BALSLEY HRS LEASE ACREAGE 38  
 LEASE NO. H-52  
 PROPOSED WORK: DRILL X 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 5TH SAND ESTIMATED DEPTH 3050  
 WELL OPERATOR HYDROCARBON ENERGESIX DESIGNATED AGENT AL SORCAN  
 ADDRESS PO DRAWER 976 BUCKHANNON, W.VA. 26201 ADDRESS PO DRAWER 976 BUCKHANNON W.VA. 26201

JUL 25 1983

LATITUDE 39°22'30"  
39°25'

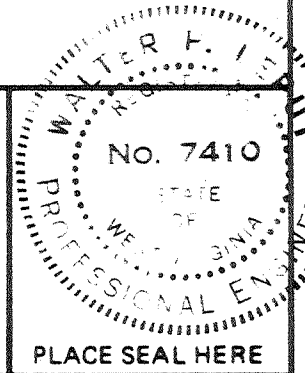
11700'

LONGITUDE 80°15'  
5700'



FILE NO. 4-13-83  
 DRAWING NO. 4-13-83  
 SCALE 1"=400'  
 MINIMUM DEGREE OF ACCURACY 1/1200  
 PROVEN SOURCE OF ELEVATION BM AT 4 OF ROADS 3700' NORTHWEST (1038)

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) Walter P. Lepout  
 R.P.E. 7410 L.L.S.



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



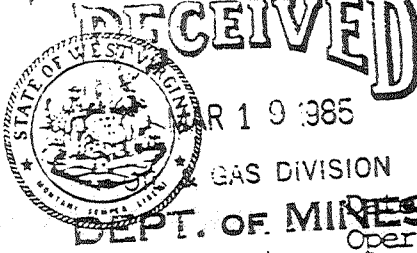
DATE APR 13 1983  
 OPERATOR'S WELL NO. Three  
 API WELL NO.

47 - 033 - 2914  
 STATE COUNTY PERMIT  
Cancelled

(+) 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 1418 WATER SHED WEST FORK RIVER  
 DISTRICT CLAY COUNTY HARRISON  
 QUADRANGLE CLARKSBURG 7 1/2  
 SURFACE OWNER JOHN KENDAL ACREAGE 38  
 OIL & GAS ROYALTY OWNER P.K. BALSLEY HRS LEASE ACREAGE 38  
 LEASE NO. H-52  
 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 5<sup>TH</sup> SAND ESTIMATED DEPTH 3050  
 WELL OPERATOR HYDROCARBON ENERGIES INC DESIGNATED AGENT AL SORCAY  
 ADDRESS PO DRAWER 976 ADDRESS PO DRAWER 976  
BUCKHANNON, W.VA. 26201 BUCKHANNON, W.VA. 26201

JUN 4 1984

4-13-83



IV-35 (Rev 8-81) RECEIVED OCT 12 1984 OIL & GAS DIVISION DEPT. OF MINES

STATE OF WEST VIRGINIA DEPT. OF MINES GAS DIVISION Oct. 9, 1984 Operator's Well No. Balsley # 3 Farm GeorgeKendal API No. 47 - 033 -2914

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow X/)

LOCATION: Elevation: 1261 Watershed West Fork River District: Caly County Harrison Quadrangle Clarksburg 7 1/2

COMPANY Hydrocarbon Energies, Inc. ADDRESS P. O. Drawer 976 DESIGNATED AGENT Alvin Sorcan ADDRESS Rt. 4, Box 444, Buckhannon SURFACE OWNER George Kendal ADDRESS 609 Spring st. Fairmont, WV MINERAL RIGHTS OWNER Josephin Balsley(et al) ADDRESS 717 Stout St. Bridgeport, WV OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey ADDRESS Jane Lew PERMIT ISSUED 7-18-84 DRILLING COMMENCED 9-6-84 DRILLING COMPLETED 9-11-84 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION 5th Sand Depth 2775 feet Depth of completed well 2940 feet Rotary X / Cable Tools Water strata depth: Fresh None feet; Salt None feet Coal seam depths: 298, 332 Is coal being mined in the area? Yes

OPEN FLOW DATA Producing formation 5th Sand Pay zone depth 2775-2815 feet Gas: Initial open flow 189 Mcf/d Oil: Initial open flow smell Bbl/d Final open flow 20 Mcf/d Final open flow 6 Bbl/d Time of open flow between initial and final tests 4 hours Static rock pressure 460 psig (surface measurement) after 72 hours shut in (If applicable due to multiple completion--)

oil/w/ gas show

APR 01 1985

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

FORM	PERFS	BRKD	Holes	Sand	H2O	Rate
5th sand	2779-2808	3100#	16	59,000	622	27.5
ISIP	C02					
1800	20tns					

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SH		G S	-0-	15	No Water Reported Coal @ 298, 332
SD		BR M	15	88	
SH		G S	88	142	
SD		H W	142	173	
SH		G S	173	298	
Coal		BL S	298	304	
SH		G S	304	332	
Coal		BL S	332	342	
SH		G S	342	850	
SD		W H	850	901	
SH		RD&G S	901	1680	
Lime		GR H	1680	1695	
SH		G S	1695	1716	
Big Lime		G H	1716	1780	
Big Injun		W H	1780	1877	
SH		G S	1877	2282	Show Gas @ 2030
Gantz		W H	2282	2316	
50'		W H	2316	2354	Show Gas @ 2340-2350
30'		W H	2354	2402	
Gordon Stray		BR M	2402	2510	
Gordon		BR M	2510	2626	
4th Sand		BR M	2626	2682	Show Gas @ 2660
SH		G S	2682	2778	
5th Sand		W H	2778	2826	Show Gas @ 2802
Sh		G S	2826	2940	
TD				2940	Gas @ T.D. 189MCF

(Attach separate sheets as necessary)

Well Operator

By: Alvin Jones - President

Date: 10-9-84

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



1) Date: June 6, 19 84  
 2) Operator's Well No. Balsley # 3  
 3) API Well No. 47 - 033-2914 (REV)  
 State                      County                      Permit                     

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow   
 5) LOCATION: Elevation: 1261 Watershed: West Fork River (M26)  
 District: Clay County: Harrison Quadrangle: Clarksburg 7 1/2  
 6) WELL OPERATOR Hydrocarbon Energies Inc 7) DESIGNATED AGENT Al Sorcan  
 Address P. O. Drawer 976 Address Rt. 4, Box 444  
Buckhannon, WV 26201 Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Steve Casey Name                       
 Address JaneLew Address                       
 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify)                       
 11) GEOLOGICAL TARGET FORMATION, 5th Sand  
 12) Estimated depth of completed well, 3000 feet  
 13) Approximate trata depths: Fresh, 100 feet; salt,                      feet.  
 14) Approximate coal seam depths: 305, 430, 680 Is coal being mined in the area? Yes  / No

**RECEIVED**  
 JUN 26 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) 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	35'			Kinds
Fresh water									
Coal	8 5/8		23	X		1320	1320	to surface	Sizes
Intermediate	8 5/8		"	"		"	"	" "	
Production	4 1/2		10 1/2	X			3000	300 sks	Depths set
Tubing									
Liners									Perforations: Top Bottom

platin  
batch  
7/23/84

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-033-2914-REV Date July 18, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires July 18, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
BLANKET	<u>                    </u>	<u>MU</u>	<u>MU</u>	<u>627</u>

Margaret J. Hesse  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File