

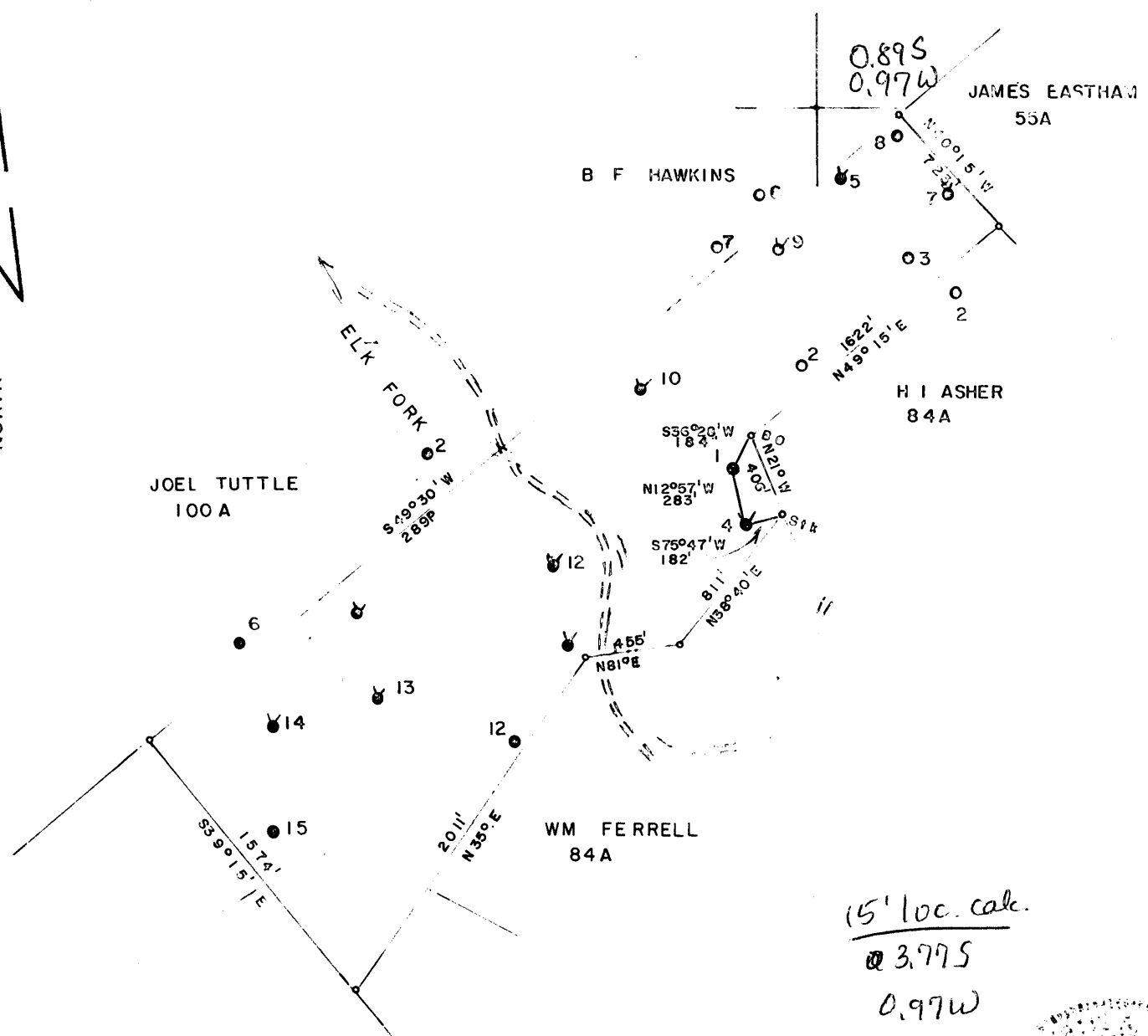
AS 6-6-90

5100

LATITUDE 39° 32' 30"

LONGITUDE 80° 50' 00"

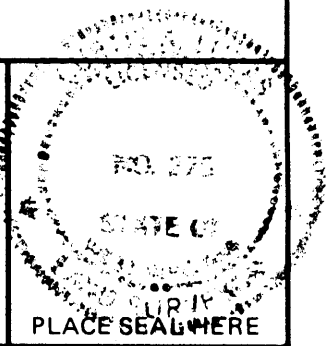
NORTH



15' loc. calc.
@ 3.975
0.97W

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 800'
MINIMUM DEGREE OF ACCURACY 1 in 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
R.P.E. _____ L.L.S. 275



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 2 MAY 15, 1990
OPERATOR'S WELL NO. JTAHAWKINS 1
API WELL NO. 47-95-0535 LI
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL X
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 890 WATER SHED ELK FORK
DISTRICT ELLSWORTH COUNTY TYLER
QUADRANGLE PORTERS FALLS New Martinsville 15'sc
SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 114
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 KEENER ESTIMATED DEPTH 1809 Kidwell Elk Fork
WELL OPERATOR SMOKERISE PRODUCING CO DESIGNATED AGENT RICHARD FERRELL
ADDRESS 412 3rd STREET ADDRESS RT 1, BOX 211 B
MARIETTA OHIO MIDDLEBOURNE WV 26149

JUN 11 1990
(30)

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

Location Made..... First Work Done.....
 Rig Commenced..... Rig Completed.....
 Drilling Commenced 5/28/97 Drilling Completed 6/17/97
 Purchased from Elk Fork O. & G. Co. (Drilling Contractor)
 Date 1/26/00 (H. N. G. Co. Tools, String No.)
 Driller Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal								
Little Dunkard								
Big Dunkard								
Gas Sand								
First Salt								
Second Salt								
Third Salt								
Maxon								
Little Lime								
Pencil Cave								
Big Lime								
Keener								
Big Injun					1788	1779		Keener sand well
Squaw								
Weir								
Berea								
Gantz								
Fifty Foot								
Thirty Foot								
Gordon Stray								
Gordon								
Fourth								
Fifth								
Total Depth		1800						

1954 - J. T. A. Hawkins, compt 1897
 10" Casing 253 Shots 7/24/97 5 qts, 6' shell
 8 1/4" 1080 8/23/97 10 8'
 6 5/8" 1823 9/25/97 15 10'
 Gas 1779 11/2/97 20 10
 Oil 1788 4/26/98 60 10
 1st pay 1788 1/3/99 60 2 - 10
 Depth 1800 1809

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Ceg.															
10" "			253		253	0		none							
8 1/4" "			1080		1080	0		none							
6 5/8" "			1723												
5 1/2" "			1754	3			1754	3							
2" Tbg.			1799												run 7-7-1916

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
6-5/8 x 5-3/16"	Hook Wall Paker			run 7-7-1916

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
7/24/97	5												
8/23/97	10												
9/25/97	15												
11/20/97	20												
4/26/98	60												
1/3/99	60												

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr..... of..... Coal Company on ground when coal was cemented
 Remarks:..... Signature of persons who cemented well

1.1.1990

7 S. E. W. 13 Location Made Purchased From H.C.&R.
 Oil District Elsworth Rig Completed Date Purchased 3-1-43
 County Tyler Dr'g Commenced 5-28-97 Sold To
 State W.Va. Dr'g Completed 6-17-97 Date Sold
 Rights Owned By Dr'g Contractor Date Abandoned

FORMATION

CASING RECORD

Kind	Top	Bottom	Steel Line Meas.	Tests	Size	Bottom Casing Steel Line	Put in Well Tally Meas.	Pulled Tally Meas.	Cemented
	1788				10"		253	253	Date
	1779				8 1/2"		1080	1080	Size Csg.
					6-5/8"		1723		Top "
					5-3/16"		1754		Bot. "
					2" Tbg.		1799		

PACKERS AND SHOES

Kind	Size	Depth Set	Date Set
H.W.Pkr.	6-5/8" x 5-3/16"	1754	7-7-16

TORPEDO RECORD

Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
7-24-97	5				
8-23-97	10				
9-25-97	15				
11-20-97	20				
4-26-98	60				
1-3-99	60				

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD

Filled With	From	To	PLUG		
			Size	Kind	Depth

Oil Prod. Sand
 Keener
 ★ At Completion ★ 30 Days After ★

APPROVED

Supt.

Oil in Barrels
 as in M. Cu. Ft.

TESTS, REPORTS AND REMARKS ON REVERSE SIDE



Date 9/10/89
 Operator's
 Well No. 1
 Farm J. T. A. HAWKINS
 API No. 47-095-0535

WR-35
RECEIVED
 SEP 18 1989

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

State of West Virginia

DEPARTMENT OF ENERGY
 Oil and Gas Division

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

NATURAL GAS

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

LOCATION: Elevation: _____ Watershed ELK FORK
 District: ELLSWORTH County Tyler Quadrangle _____

COMPANY SMOKE RISE PRODUCING Co.

ADDRESS 412 3RD ST. MARIETTA, OHIO

DESIGNATED AGENT RICHARD FERRELL

ADDRESS RT. 1 MIDDLEBOURNE, W. VA.

SURFACE OWNER John Tallman

ADDRESS RT. 1 MIDDLEBOURNE, W. VA.

MINERAL RIGHTS OWNER AA

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK _____

ADDRESS _____

PERMIT ISSUED _____

DRILLING COMMENCED 5/28/87

DRILLING COMPLETED 6/17/87

IF APPLICABLE: PLUGGING OF DRY HOLE ON
 CONTINUOUS PROGRESSION FROM DRILLING OR
 REWORKING. VERBAL PERMISSION OBTAINED
 ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8	253		
8 5/8	1080		
7	1723	1723	
5 1/2	1754	1754	
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION KEMNER Depth 1790 feet

Depth of completed well 1800 feet Rotary ___ / Cable Tools X

Water strata depth: Fresh 75 feet; Salt _____ feet

Coal seam depths: _____ Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation UNKNOWN Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

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 measurement) after _____ hours shut in

(Continue on reverse side)

1 1990