

RICHARDSON HEIRS ET AL LEASE

1,348.5 ACRES±

47-085-8234-N

TANNER ET AL

COUNTY COUNTY

MOOD RITCHIE
AUTOMATIONS PRODUCTS, INC.

CHAO OIL COMPANY
100 AC.±
(SURFACE)

CATHERINE HARDIGG ET AL
1000 AC.±
(SURFACE)

L.F. BRAFFORD
86.135 AC.±
(SURFACE)

WYATT
21.5 AC.±
(SURFACE)

47-085-8234-N

S 72°25' E 4222.75'
S 67°55' E 4059.63'

SPRING

STONE (FOUND)

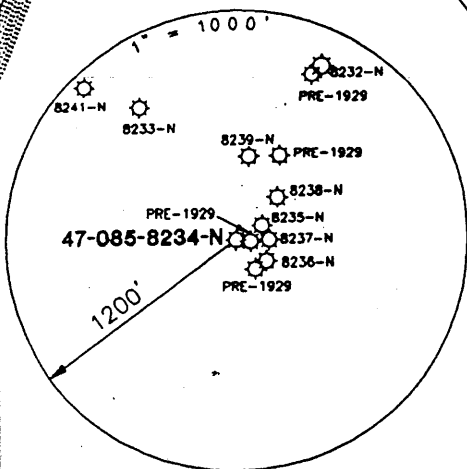
CUTHBERT-CARLE HEIRS
1348.5 AC.±
(SURFACE)

RED OAK

E.J. BAXTER
10 AC.±
(SURFACE)

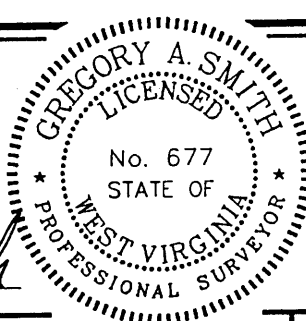
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED DATED 9/16/82 AND RECORDED IN DEED BOOK 218 ON PAGE 331.
3. SURFACE OWNERS AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE AND WOOD COUNTIES IN SEPTEMBER, 1998.
4. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).



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 DECEMBER 21 19 98
 OPERATORS WELL NO. 12239203
 API WELL NO. 47-085-8234-N
 STATE COUNTY PERMIT P

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 40508234 (68-64)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1098' SCALE 1" = 1000'

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 1015' WATERSHED OIL SPRING RUN

DISTRICT GRANT COUNTY RITCHIE QUADRANGLE PETROLEUM 7.5'

SURFACE OWNER CHAO OIL COMPANY ACREAGE 100

ROYALTY OWNER WILLIAM B. RICHARDSON HEIRS ET AL LEASE ACREAGE 1348.5

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 MISSISSIPPIAN (UPPER)
 ESTIMATED DEPTH 200'-500'

WELL OPERATOR CLOWSER WELL SERVICE, INC. DESIGNATED AGENT JOHN CLOWSER
 ADDRESS RT. 3 BOX 27-A, SALEM, WV 26426 ADDRESS RT. 3 BOX 27-A, SALEM, WV 26426

COUNTY NAME RIT
PERMIT 8234-P

INSTRUCTIONS

39. 15 00

- 1) ATTACH A PHOTO COPY OF THE LOCATION OF THE WELL ON A 7.5 MINUTE QUADRANGLE WITH THE CORRESPONDING LONGITUDE AND LATITUDE.
- 2) DESIGNATE THE LOCATION OF THE WELL WITH THE SYMBOL (+)

LATITUDE 39-13-11
LONGITUDE 81-16-58

81 15 00



2.14 S
1.74 W

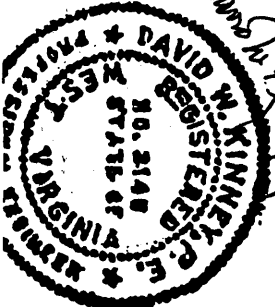
+ 7.5' Tick

02011

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED David W. Kinney PE
TITLE WU #2149 J

DATE APRIL 1, 19 93
OPERATORS WELL NO. 122392-03
API WELL NO. 085-8234-N



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

Blum

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

LOCATION: ELEVATION 1040 WATER SHED OIL SPRING RUN
DISTRICT GRANT COUNTY RITCHIE
QUADRANGLE PETROLEUM
GERTRUDE M. AHART (*Cuthbert - Carle Heirs*)
SURFACE OWNER RALPH B. CUTHBERT (HEIRS) ACREAGE 1348.5 +/-

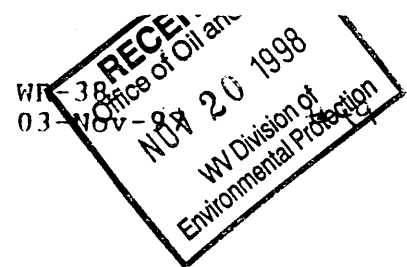
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 1348.5
LEASE NO. _____

PRODUCING FORMATION MISSISSIPPIAN (UPPER) TOTAL DEPTH 200' - 500'

WELL OPERATOR CHAQ OIL COMPANY DESIGNED AGENT ROBERT S. KISS, ATTY
ADDRESS 3030 MAXROY STREET ADDRESS 343 PRINCE STREET
HOUSTON, TEXAS 77008 BECKLEY, WEST VIRGINIA 25802

Petroleum 3

17281



API # 47-085-8234 P

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

8234

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: Cathbert + Albert Heim

Operator Well No.: 122392-03

LOCATION: Elevation: _____
District: GRANT
Latitude: _____
Longitude: _____

Quadrangle: _____
County: Ritchie

Well Type: OIL GAS _____

Company: Chag Oil Company
3030 Marnay Street
Houston, TX 77008

Coal Operator or Owner: N/A

Agent: John Clouser

Coal Operator or Owner: N/A

Permit Issued: 3-29-96

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Ritchie

SS:

John Clouser and Justin Clouser 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 Sam Hershman Oil and Gas Inspector representing the Director, say that said work was commenced on the 10th day of Nov, 1998, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel 6% CMT 12sk	436'	400'	1" - 435'	0-1"
Gel 6% CMT 12sk	300'	300'	2" - 436'	0-2"
Gel 6% CMT 12sk	250'	250'	3" - 124'	312"-3"
Gel 6% CMT 16sk	150'	150'		5" - 200'
	100'	0		

12/4/98

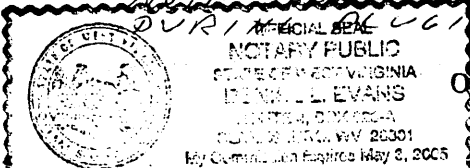
Description of monument: 7' x 36" above surface w/ API #
and that the work of plugging and filling said well was completed on the 11th day of Nov, 1998.

And further deponents saith not.

Sworn and subscribe before me this 19th day of November, 1998
My commission expires: 5/3/2005

John Clouser
Justin Clouser
Samuel Hershman
Notary Public

Oil and Gas Inspector: Samuel Hershman



11-18-98 DEC 3 1998

R 11-18-98 8234-P