

Plot Card CSD

LATITUDE 39° 10' 00"

LONGITUDE 80° 50' 00"

NORTH

SOUTH FK. HUNTING CLUB, INC.

SHEETS

BUSH

E. MAXSON, HEIRS
65.53 AC.

BUSH
+ 2.14S
1.27W

SOUTH FK. HUNTING CLUB, INC.

N58°40'W
361.68'

N81°56'E
642.36'

N53°E
513.48'

STONE

N73°0'W
454.19'

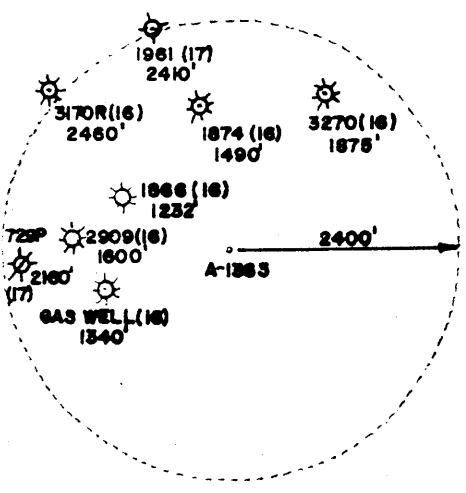
S42°09'W
300.55'

A-1365

MATTHEWS

EAGAN

⊕ 2.14S
1.27W



LAND SURVEYING SERVICES
RT. 2, BOX 215E
JANE LEW, WV 26378
PHONE: 304-745-4426

FILE NO. 02-58
DRAWING NO. _____
SCALE 1" = 300'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 950' WEST OF LOCATION ELEV. - 1254'

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) Stephen D. Losh
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE DECEMBER 21, 19 83
OPERATOR'S WELL NO. A-1365
API WELL NO. _____
47 - 085 - 6858
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 X
LOCATION: ELEVATION 1186' WATER SHED OTTERSIDE CREEK
DISTRICT UNION 4 COUNTY RITCHIE
QUADRANGLE OXFORD 7.5 min. S26 Holbrook X 15' C 5
SURFACE OWNER ELVA MAXSON, HEIRS ACREAGE 65.53
OIL & GAS ROYALTY OWNER ELVA MAXSON, HEIRS LEASE ACREAGE 66
LEASE NO. 90
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

FEB 06 1984

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500' G-G Auburn (132)
WELL OPERATOR ALAMCO OIO DESIGNATED AGENT DANIEL L. WHEELER
ADDRESS P.O. BOX 1740 CLARKSBURG, WV 26302-1740 ADDRESS P.O. BOX 1740 CLARKSBURG, WV 26302-1740

RECEIVED
AUG 17 1984



Date August 15, 1984
Operator's _____
Well No. A-1365
Farm Maxson
API No. 47 - 085 - 6858

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL ___ / GAS X / LIQUID INJECTION ___ / WASTE DISPOSAL ___ /
(If "Gas", Production ___ / Underground Storage ___ / Deep ___ / Shallow XX /)

LOCATION: Elevation: 1188' Watershed Otterslide Creek
District: Union County: Ritchie Quadrangle: Oxford 7.5'

COMPANY ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

DESIGNATED AGENT ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

Elva Maxson Heirs
SURFACE OWNER Gertrude Howell, Agent

ADDRESS Rt. 1, Box 145, Mt. Clare, WV 26408
Elva Maxson Heirs

MINERAL RIGHTS OWNER Gertrude Howell, Agent

ADDRESS Rt. 1, Box 145, Mt. Clare, WV 26408

OIL AND GAS INSPECTOR FOR THIS WORK Samuel

Hersman ADDRESS P.O. Box 66, Smithville, WV

PERMIT ISSUED February 2, 1984

DRILLING COMMENCED June 21, 1984

DRILLING COMPLETED June 27, 1984

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

| Casing & Tubing Size Cond. | Used in Drilling | Left in Well | Cement fill up Cu. Ft. |
|----------------------------|------------------|--------------|------------------------|
| 20-16 | | | |
| 11-3/4" | | | |
| 9 5/8" | | | |
| 8 5/8" | 1205' | 1205' | to surface |
| 7" | | | |
| 5 1/2" | | | |
| 4 1/2" | 5288' | 5288' | w/760 sks 1600' |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Alexander DEPTH 5500 FEET

Depth of completed well 5500 feet Rotary x / Cable Tools _____
Water Strata depth: Fresh 40 feet Salt _____ feet
Coal seam depth: None listed Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation Alexander, Benson, Riley Pay zone depth See Back feet

Gas: Initial open flow 2 Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 1710 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1600 psig (surface measurement after 48 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 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)

SEP 24 1984
SEP 24 1984

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

Well was fractured July 10, 1984
 Perforations: 4379 - 4382 5175 - 5177
 4384 - 4385 5192 - 5200 Alexander
 4501 - 4506 Riley
 4808 - 4811
 4818 - 4820
 4850 - 4856
 4888 - 4890 Benson

WELL LOG

| FORMATION COLOR HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas |
|------------------------------|----------|--------------------|--|
| Fill | 0 | 6 | 1/4" stream water @ 40' |
| Sand | 6 | 18 | Gas check @ 2020' No show |
| Red Rock | 18 | 40 | Gas check @ 2266' No show |
| Sand & Shale | 40 | 83 | Gas check @ 2357' 6 MCF/D |
| Red Rock | 83 | 93 | Gas check @ 2972' 4 MCF/D |
| Sand & Shale | 93 | 333 | Gas check @ 3439' 7 MCF/D |
| Red Rock | 333 | 352 | Gas check @ 3532' 9 MCF/D |
| Sand & Shale | 352 | 392 | Gas check @ 4242' 6 MCF/D |
| Red Rock | 392 | 468 | Gas check @ 4714' 8 MCF/D |
| Sand & Shale | 468 | 479 | Gas check @ 5196' 7 MCF/D |
| Red Rock | 479 | 508 | Gas check @ 5500' 2 MCF/D |
| Sand & Shale | 508 | 760 | |
| Red Rock | 760 | 797 | |
| Sand & Shale | 797 | 820 | <u>GAMMA RAY LOG TOPS</u> |
| Red Rock | 820 | 885 | |
| Sand & Shale | 885 | 1965 | Weir 2287' |
| Little Lime | 1965 | 1992 | Gordon Stray 2671' |
| Sand & Shale | 1992 | 2005 | Gordon 2775' |
| Big Lime | 2005 | 2110 | Speechley 3348' |
| Injun | 2110 | 2120 | Balltown 3753' |
| Sand & Shale | 2120 | 5500 T.D. | Riley 4364' |
| | | <i>Rhinestreet</i> | Benson 4804' |
| | | <i>55 @ T.D.</i> | Alexander 5048' |
| | | <i>24</i> | |
| | | <i>3'</i> | |

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: *Spayne Franerulle / dhp*

Date: August 15, 1984

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."

