

LATITUDE 39° 15' 00"

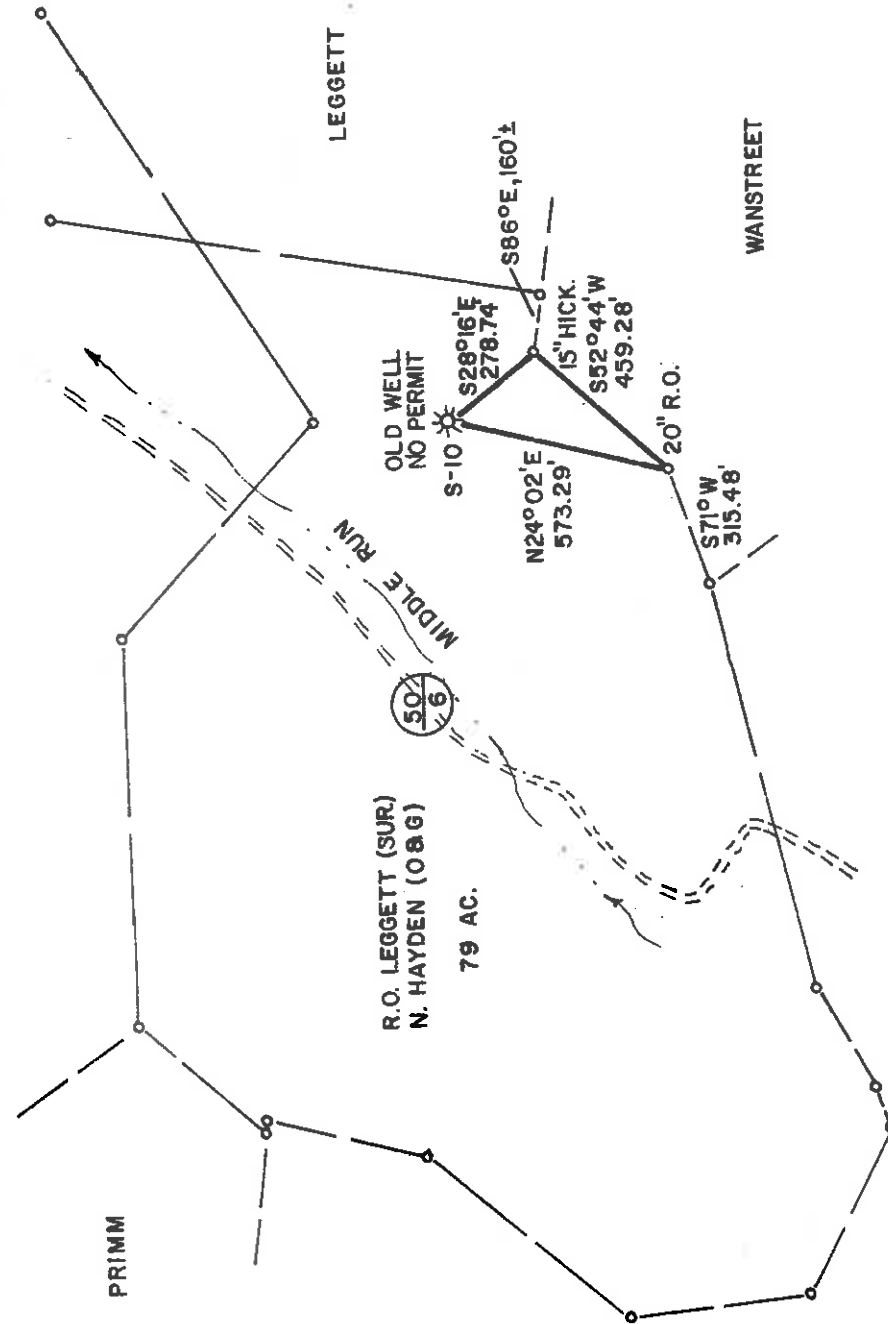
LONGITUDE 80° 50' 00"

3470

0.6/29/92

LEGGETT

NO WELLS
WITHIN 1200'



PRIMM

LEGGETT

R.O. LEGGETT (SUR.)
N. HAYDEN (O&G)
79 AC.

MIDDLE RUN

OLD WELL
NO PERMIT

S-10 * S28°16'E 278.74'
15" HICK.
S52°44'W 459.28'

20" R.O.

S71°0W 315.48'

WANSTREET

LLOYD

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

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. STEPHEN D. LOSH 674

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 700 S.W. OF LOCATION SPOT ELEV. - 1263'

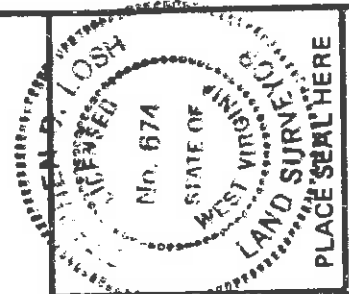
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



(+) 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 1116' WATER SHED MIDDLE RUN OF ARNOLDS CREEK
DISTRICT WEST UNION COUNTY DODDRIDGE
QUADRANGLE OXFORD 7.5 min.
SURFACE OWNER RAYMOND O. LEGGETT ACREAGE 79
OIL & GAS ROYALTY OWNER NATHANIEL HAYDEN LEASE ACREAGE 80
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 _____ ESTIMATED DEPTH 5204'
TARGET FORMATION *Alphard*
WELL OPERATOR *Startoil Co.* DESIGNATED AGENT DARREL WRIGHT
ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112 SALEM, WV 26426 SALEM, WV 26426

JULY 01 1992



DATE AUGUST 22 19 83
OPERATOR'S WELL NO. S-10
API WELL NO. 47-017-3255-P
STATE COUNTY PERMIT

Janie G/29/90

LATITUDE 39° 15' 00"

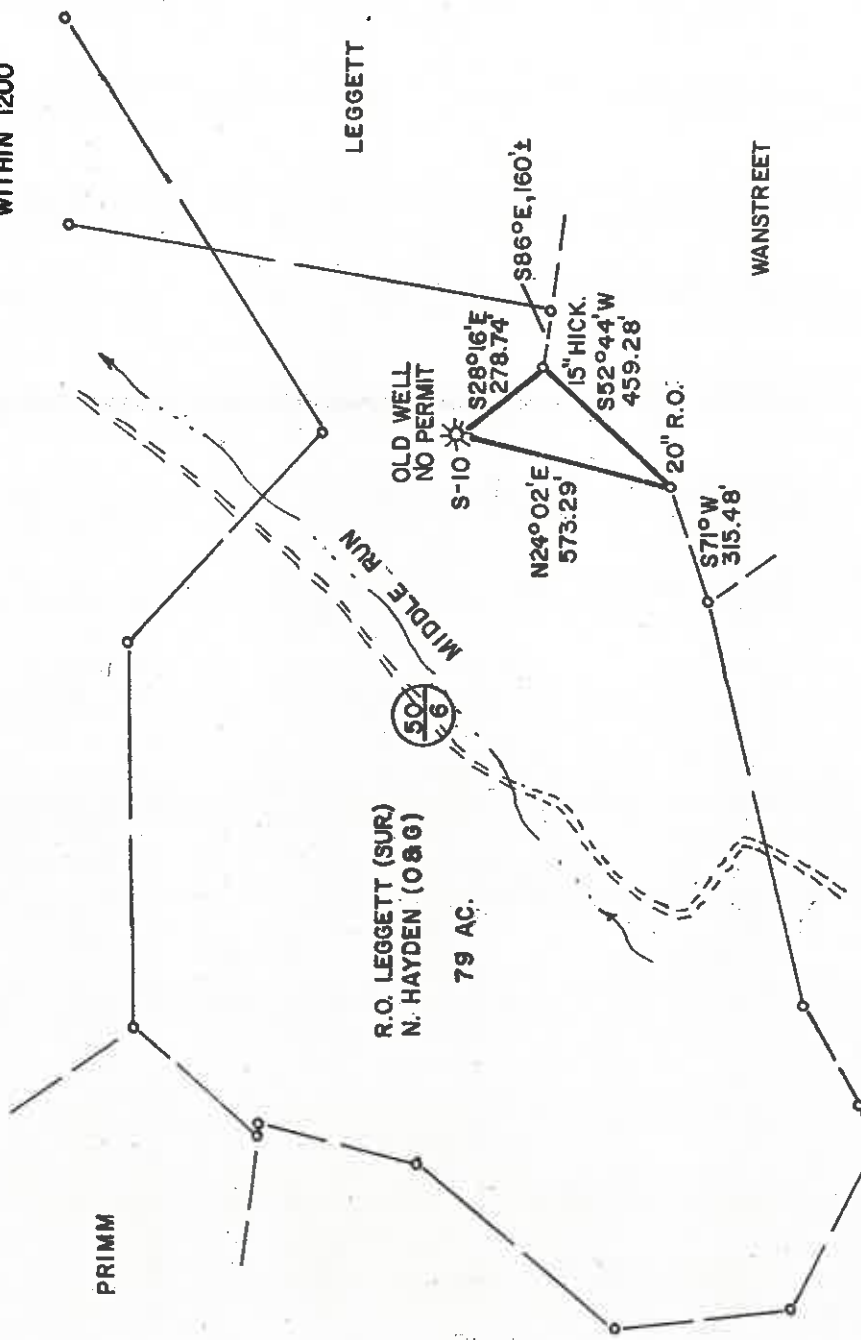
1780'

3470'

LONGITUDE 80° 50' 00"

LEGGETT

NO WELLS
WITHIN 1200'



NORTH

LLOYD

PREPARED BY:

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1 in. 200
PROVEN SOURCE OF
ELEVATION TOP OF KNOB 700'S.W.
OF LOCATION SPOT ELEV. - 1263

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT 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

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE AUGUST 22, 19 83
OPERATOR'S WELL NO. S-10
API WELL NO. _____

47-017-3255-P
STATE COUNTY PERMIT

(*) 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 1118' WATER SHED _____ MIDDLE RUN OF ARNOLDS CREEK

DISTRICT WEST UNION COUNTY _____ DOODRIDGE

QUADRANGLE OXFORD 7.5 min.

SURFACE OWNER RAYMOND O. LEGGETT ACREAGE 79

OIL & GAS ROYALTY OWNER NATHANIEL HAYDEN LEASE ACREAGE 80

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 *Alphabeta* ESTIMATED DEPTH 5204'

WELL OPERATOR *Statwell Co.* DESIGNATED AGENT DARREL WRIGHT

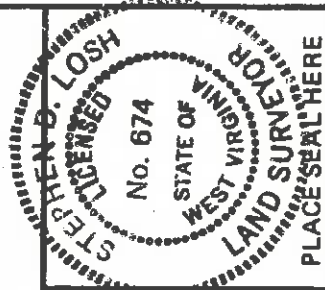
ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112

SALEM, WV 26426

SALEM, WV 26426

JUN 29 1990

DOOD. 3255



of V. Card. OSD

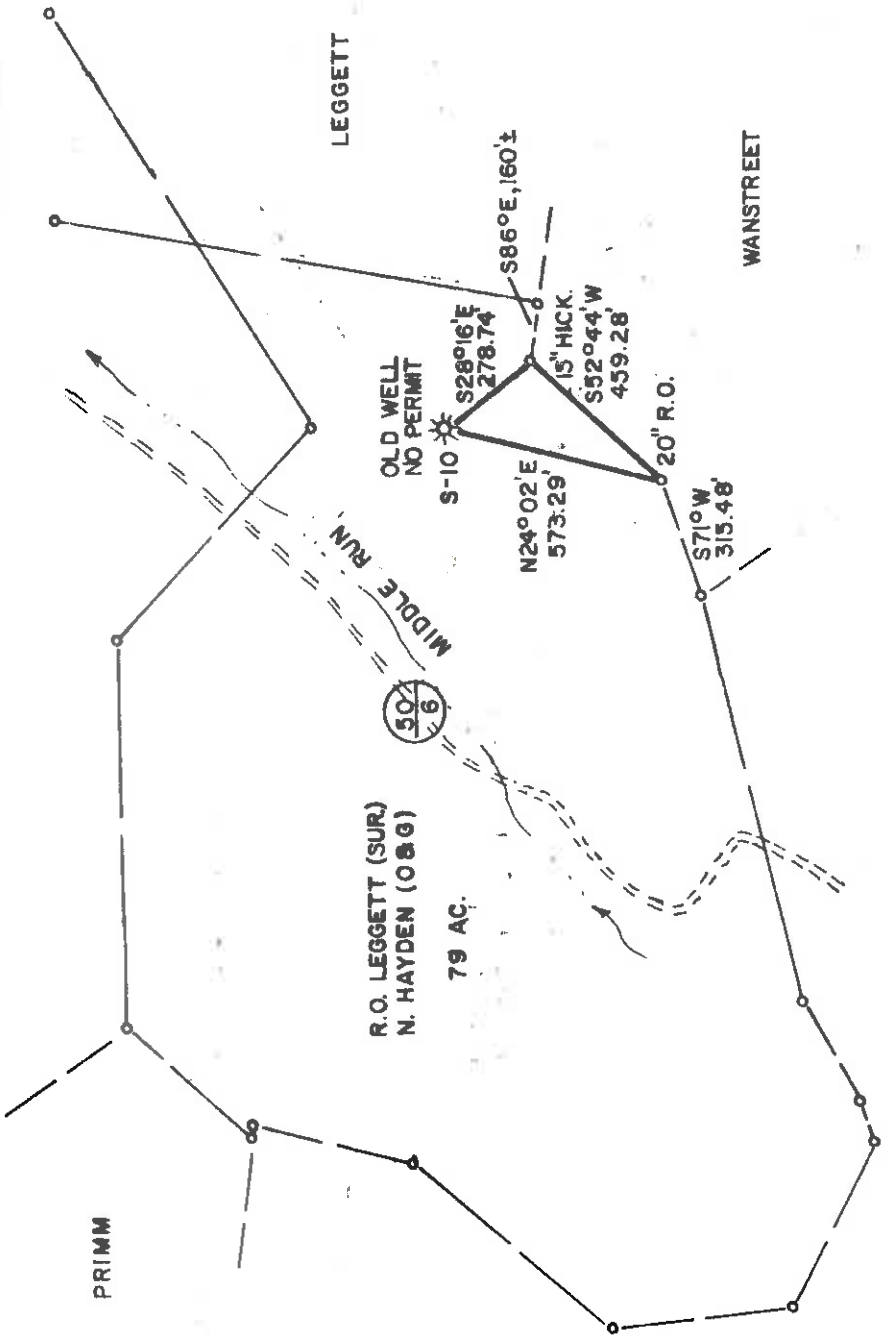
LATITUDE 39° 15' 00"

LONGITUDE 80° 50' 00"

1780' 3470'

LEGGETT

NO WELLS
WITHIN 1200'



LEGGETT

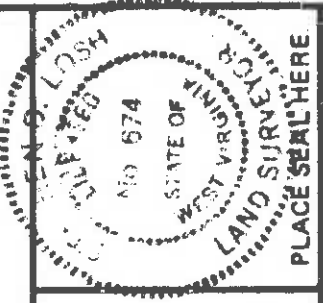
WANSTREET

LLOYD

PREPARED BY:
 LAND SURVEYING SERVICES
 RT. 2, BOX 215E
 JANE LEW, WV 26378
 PHONE: 504-745-4426

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200'
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 700' S.W. OF LOCATION SPOT ELEV. - 1263'

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
 LAND SURVEYOR



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUGUST 22, 19 83
 OPERATOR'S WELL NO. S-10
 API WELL NO. 47-017-3255-DD-
 STATE COUNTY PERMIT
 FRACTION

(+) 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 1118' WATER SHED MIDDLE RUN OF ARNOLDS CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE

QUADRANGLE OXFORD 75 min. ACREAGE 79 LEASE ACREAGE 80
 SURFACE OWNER RAYMOND O. LEGGETT
 OIL & GAS ROYALTY OWNER NATHANIEL HAYDEN

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 *Alford* ESTIMATED DEPTH 5204'
 WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT 6-6 Straight Fork
 ADDRESS P.O. BOX 112 P.O. BOX 112 Blueston Creek
 SAIFM WV 26426 SAIFM WV 26426 (1-265)

JUL 9 1984

GA 55226 AAOY

LATITUDE 39° 15' 00"

LONGITUDE 80° 50' 00"

3470

1780

Plan Card of CSD

0.933 15
0.552
0.633

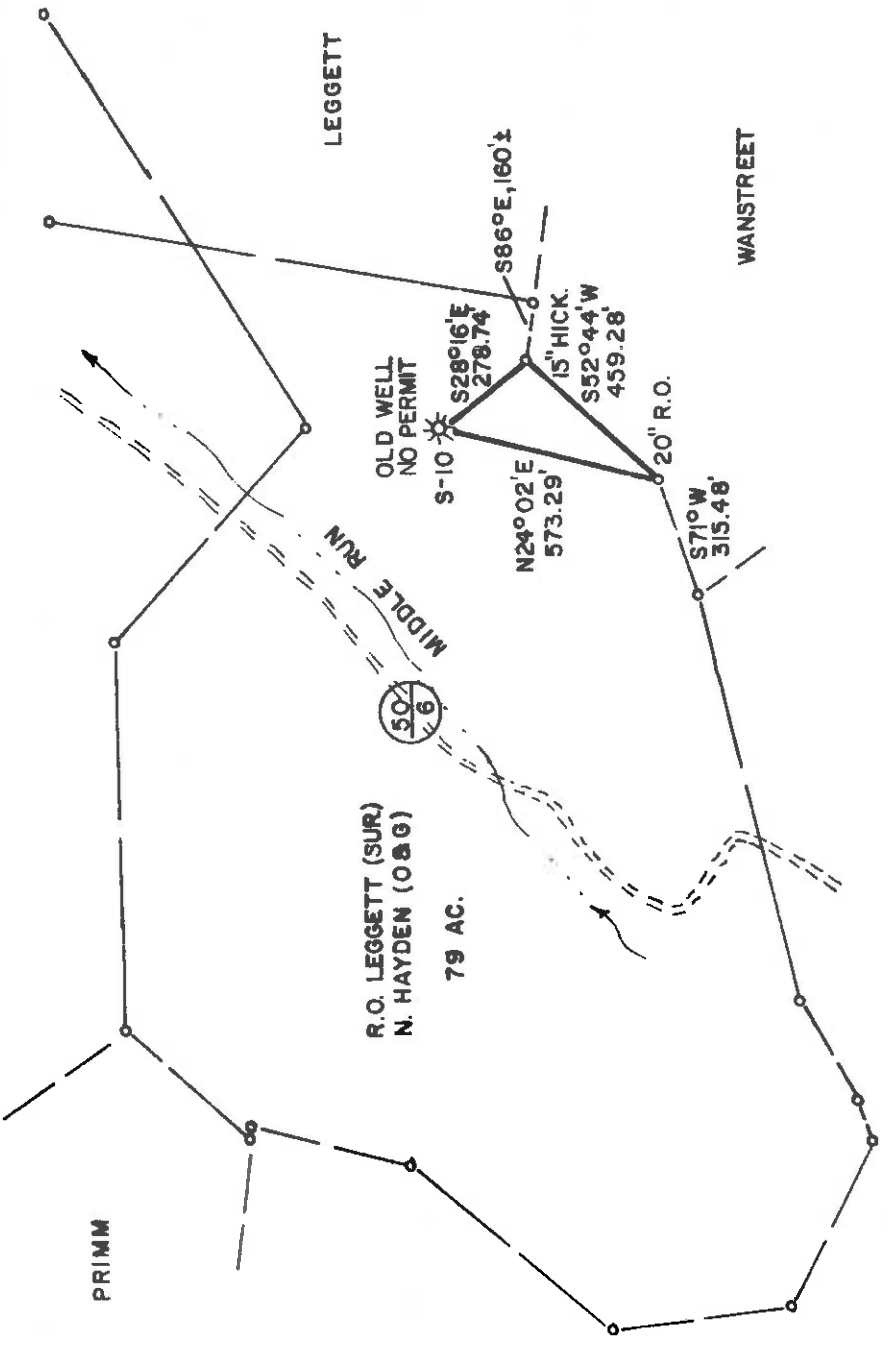
NO WELLS WITHIN 1200'



LEGGETT

PRIMM

LLOYD



NORTH

R.O. LEGGETT (SUR.)
N. HAYDEN (O&G)
79 AC.

LEGGETT



OLD WELL
NO PERMIT

S-10 S28°16'E 278.74'
15" HICK.
S52°44'W 459.28'
S86°0'E, 160±

N24°02'E 573.29'
20" R.O.

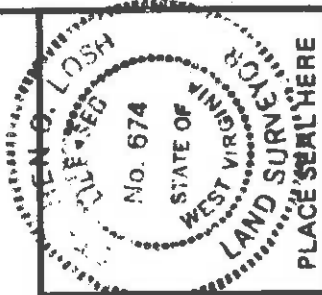
S71°0'W 315.48'

WANSTREET

LLOYD

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

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



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 700'S.W. OF LOCATION SPOT ELEV. - 1263'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE AUGUST 22, 19 83
OPERATOR'S WELL NO. S-10
API WELL NO. 47-017-3255-DD
STATE COUNTY PERMIT

(+) 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 1118' WATER SHED MIDDLE RUN OF ARNOLDS CREEK
DISTRICT WEST UNION 22 S26-COUNTY DODDRIDGE
QUADRANGLE OXFORD 7.5 min. Holbrook 15' NC 058 Z

SURFACE OWNER RAYMOND O. LEGGETT ACREAGE 79
OIL & GAS ROYALTY OWNER NATHANIEL HAYDEN LEASE ACREAGE 80
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 Alpharetta ESTIMATED DEPTH 5204'
WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT
ADDRESS P.O. BOX 112 Bluestone Crk. SALEM, WV 26426
646 Stewart Park - Admin - (123)

1983
AUG 3

Handwritten notes at the bottom right corner, including the word "Lecture" and some illegible scribbles.

IV-35
(Rev 8-8-87)
RECEIVED
FEB 26 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date February 13, 1987
Operator's Well No. S-10
Farm Hayden
API No. 47 017 - 3255 frac

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 x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1118 Watershed Middle Run of Arnolds Creek
District: West Union County Doddridge Quadrangle Oxford

COMPANY Scott Oil Company
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV 26426
SURFACE OWNER Raymond Leggett
ADDRESS Rt. 1, West Union, WV
MINERAL RIGHTS OWNER Burl Fleming
ADDRESS West Union, WV

OIL AND GAS INSPECTOR FOR THIS WORK Mike
Underwood ADDRESS West Union, WV
PERMIT ISSUED July 5, 1984
DRILLING COMMENCED Well fractured 11/7/84
DRILLING COMPLETED 1/12/84

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

| Casing & Tubing | Used in Drilling in Well | Left in Well | Cement fill up Cu. ft. |
|------------------|--------------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | 30' | | |
| 9 5/8 | | | |
| 8 5/8 | | 2065 | to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 5050 | 100 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Benson Depth feet
Depth of completed well 5062 feet Rotary / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Benson Pay zone depth feet
Gas: Initial open flow Benson Mcf/d Oil: Initial open flow Bbl/d
Final open flow 2108 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 1810 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)
Second producing formation Benson Pay zone depth feet
Gas: Initial open flow Benson Mcf/d Oil: Initial open flow Bbl/d
Final open flow Benson Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure Benson psig (surface measurement) after hours shut in

MAR 02 1987
(Continue on reverse side)

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

Benson 4980-4988 Sand 20/40 250 sks

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FEB 26 1987

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fr and salt water, coal, oil and |
|--------------|-------|--------------|----------|-------------|--|
| Sand & Shale | | | 0 | 1840 | |
| Big Lime | | | 1840 | 1940 | |
| Big Injun | | | 1940 | 2050 | |
| Weir | | | 2206 | 2320 | |
| Sand & Shale | | | 2320 | 4980 | |
| Benson | | | 4980 | 4988 | |
| Sand & Shale | | | 4988 | 5062 TD | |

RECEIVED
FEB 26 1987
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Scott Oil Company

Well Operator

By:

Date: 2/16/87

Wm D. Knight

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

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS



IV-35
Rev 8-81)

FEB 7 1986

Date November 28, 1984
Operator's Well No. S-10
Farm Hayden
API No. 47 - 017 - 3255frac

State of West Virginia

Department of Mines
Oil and Gas Division

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

FEB 19 1986

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

LOCATION: Elevation: 1118 Watershed Middle Run of Arnolds Creek
District: West Union County Doddridge Quadrangle Oxford

COMPANY James F. Scott
ADDRESS P. O. Box 112, Salem, WV 26426

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112, Salem, WV 26426

SURFACE OWNER Raymond Leggett

ADDRESS Route 1, Box 228, West Union, WV

MINERAL RIGHTS OWNER Burl Fleming et al

ADDRESS 104 James Street, West Union, WV

OIL AND GAS INSPECTOR FOR THIS WORK Mike

Underwood ADDRESS Rt. 2, Salem, WV

PERMIT ISSUED 9/27/83

DRILLING COMMENCED 10/3/83

DRILLING COMPLETED 10/13/83

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

| Casing & Tubing | Used in Drilling in Well | Left in Well | Cement fill up Cu. ft. |
|-----------------|--------------------------|--------------|------------------------|
| Size 20-16 | | | |
| Cond. 30' | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | | 2065 | to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 5050 | 100 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Devonian Shale

Depth of completed well 5062 feet Rotary / Cable Tools / Depth feet

Water strata depth: Fresh feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Benson

Pay zone depth 4980 feet

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

Final open flow 1600 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1810 psig (surface measurement) after 72 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

MAR 2 1986

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

Benson 10,000 80/100
40,000 20/40

01

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all and salt water, coal, oil a |
|--------------|-------|--------------|----------|-------------|---|
| Sand & Shale | | | 0 | 1840 | |
| Big Lime | | | 1840 | 1940 | |
| Big Injun | | | 1940 | 2050 | |
| Weir | | | 2206 | 2320 | |
| Sand & Shale | | | 2320 | 4980 | |
| Benson | | | 4980 | 4988 | |

dh-r TD
om log
S150

(Attach separate sheets as necessary)

James F. Scott
Well Operator

By: James F. Scott

Date: November 28, 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 well, encountered in the drilling of a well."



RECEIVED

IV-35
(REV 8-81)

OCT 17 1983

Date October 14, 1983
Operator's Well No. S-10
Farm Hayden
API No. 47 - 017 - 3255 DO

State of West Virginia
Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OCT 21 1983

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 x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1118 Watershed Middle Run of Arnolds Creek
District: West Union County Doddridge Quadrangle Oxford

COMPANY James F. Scott
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV 26426
SURFACE OWNER Raymond Leggett
ADDRESS Route 1, Box 228, West Union, WV
MINERAL RIGHTS OWNER Burl Fleming et al
ADDRESS 104 James Street, West Union, WV

OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood ADDRESS Rt.2, Salem, WV
PERMIT ISSUED 9/27/83
DRILLING COMMENCED 10/3/83
DRILLING COMPLETED 10/13/83

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

| Casing Tubing Size | Used in Drilling in Well | Left in Well | Cement fill up Cu. ft. |
|--------------------|--------------------------|--------------|------------------------|
| 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | | .2065 | to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 5050 | 100 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Devonian Shale Depth feet
Depth of completed well 5062 feet Rotary / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Benson Pay zone depth 4980 ~~4988~~ feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 1600 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1810 psig (surface measurement) after 72 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

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

Benson 10,000 80/100
40,000 20/40

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|--------------|-------|--------------|----------|-------------|---------------|
| Sand & Shale | | | 0 | 1840 | |
| Big Lime | | | 1840 | 1940 | |
| Big Injun | | | 1940 | 2050 | |
| Weir | | | 2206 | 2320 | |
| Sand & Shale | | | 2320 | 4980 | |
| Benson | | | 4980 | <u>4988</u> | |
| | | | | TD 5062 | DD Atg ?? |
| | | | | dr-7D | 5150 |
| | | | | 0110g | 5062 |
| | | | | 5150 | 2050 |
| | | | | | 30-12 DD Atg. |

(Attach separate sheets as necessary)

James F. Scott
Well Operator

By:

J. Scott

Date:

October 14, 1983

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 well, encountered in the drilling of a well."



1) Date: June 8, 19 84
 2) Operator's Well No. S-10 Hayden
 3) API Well No. 47 017 3255 frac
 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
 5) LOCATION: Elevation: 1118 Undergrnd storage Deep Shallow
 Watershed: Middle Run of Arnolds Creek (OAT, 49 H)
 District: West Union County: Doddridge Quadrangle: Oxford
 6) WELL OPERATOR James F. Scott
 Address P. O. Box 112 7) DESIGNATED AGENT Darrel Wright
Salem, WV 26426 Address P. O. Box 112
Salem, WV 26426

8) OIL & GAS INSPECTOR TO BE NOTIFIED

Name Mike Underwood

Address Route 2
Salem, WV 26426

9) DRILLING CONTRACTOR:

Name _____ Address _____
 Name _____ Address _____
 Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) _____



11) GEOLOGICAL TARGET FORMATION, Shale OIL & GAS DIVISION
 12) Estimated depth of completed well, 5062 feet
 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | FOOTAGE INTERVALS | | CEMENT FILL-UP OR SACKS (Cable feet) | PACKERS |
|-----------------------|----------------|-------|-------------------|-----|--------------------------------------|---------|
| | Size | Grade | Weight per ft. | New | | |
| Conductor | 10" | | | | | |
| Fresh water | | | | | | |
| Coal | | | | | | |
| Intermediate | 8 5/8 | | | | | |
| Production | 4 1/2 | | | | | |
| Tubing | | | | | | |
| Liners | | | | | | |

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3255-FRAC Date July 5, 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 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|----------------------|----------------------|---------------------|--------|-----|
| Bond: <u>BLANKET</u> | Agent: <u>LA MAJ</u> | Plat: <u>MM2291</u> | Casing | Fee |
|----------------------|----------------------|---------------------|--------|-----|

Margaret J. Hase
 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

1) Date: September 2, 19 83
 2) Operator's Well No. S-10 Hayden
 3) API Well No. 47 - 017 - 3255-DD
 State County Permit

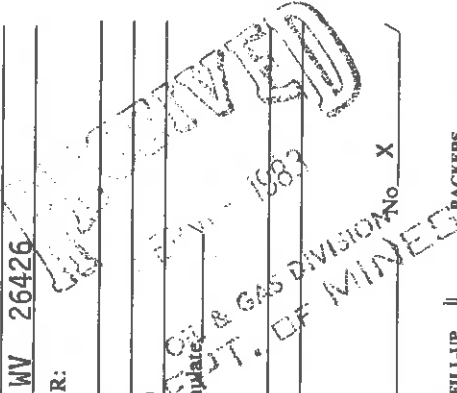


STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

**The well was drilled around 1921 so
 no permit or number was issued.**

4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage Deep Shallow
 Elevation: 1118 Watershed: Middle Run of Arnolds Creek
 District: West Union County: Doddridge Quadrangle: Oxford
 6) WELL OPERATOR James F. Scott 7) DESIGNATED AGENT Darrel Wright
 Address P. O. Box 112 Address P. O. Box 112
Salem, WV 26426 Salem, WV 26426
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name Stimpert
 Address Route 2, Box 232-D Address Stimpert
Jane Lew, WV 26378

10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) Alexander
 11) GEOLOGICAL TARGET FORMATION, 5200 feet
 12) Estimated depth of completed well, 5200 feet
 13) Approximate true depths: Fresh, feet; salt, feet.
 14) Approximate coal seam depths: Is coal being mined in the area? Yes No



15) CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT FILL-UP OR SACKS (Cubic feet) | Kinds | Sizes |
|-----------------------|----------------|-------|----------------|-------------------|--------------|--------------------------------------|-------|---|
| | Size | Grade | Weight per ft. | For drilling | Left in well | | | |
| Conductor | 10" | | | 172' | | | | |
| Fresh water | | | | | | | | |
| Coal | | | | | | | | |
| Intermediate | 8" | | | | 1210 | | | to surface |
| Production | 4 1/2" | | | | 5200 | | | 400 Sks |
| Tubing | | | | | | | | Depths set <u>OK AS REQ</u> by Rule <u>15-05</u> |
| Liners | | | | | | | | Perforations: Top <u> </u> Bottom <u> </u> |

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3255-DD Date September 27, 1983

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 September 27, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | |
|--------------|---------------------------|--------------------------|--------------------------------|
| BLANKET BOND | Agent: <u>[Signature]</u> | Plat: <u>[Signature]</u> | Casing Fee: <u>[Signature]</u> |
| | | | 19206 |

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

Administrator, Office of Oil and Gas

File

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

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE 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: LEGGETT, ELWIN Operator Well No.: HAYDEN S-10

LOCATION: Elevation: 1118.00 Quadrangle: OXFORD
District: WESTUNION County: DODDRIDGE
Latitude: 3470 Feet South of 39 Deg. 15 Min. 0 Sec.
Longitude 1780 Feet West of 80 Deg. 50 Min. 0 Sec.

Well Type: OIL GAS X

Company: EMAX Oil Company
P.O. Box 112
Salem, WV 26426

Coal Operator
or Owner

Agent: John Haskins
Inspector: Mike Underwood
Permit Issued: 06/25/90

Coal Operator
or Owner

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison ss:

Ron Furby and Don Underwood 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 EMAX Oil Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 4th day of May, 1992, and that the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|------------------------------|------|---------|--------------|-------|
| Class A Cement | 2482 | 1956 | | |
| 6 % Gel | 1956 | 1300 | | |
| Shot and Pulled 4 1/2 Casing | 1300 | 1200 | 1306 4.5" | 1076' |
| Class A Cement | 1200 | 400 | | |
| 6 % Gel | 400 | Surface | 400' | 1665 |
| Pull 7" Casing | 750 | 650 | | |
| Class A Cement | 650 | 100 | | |
| 6 % Gel | 100 | Surface | | |
| Cement | | | | |

Description of monument: Cement with well tag per Inspector

and that the work of plugging and filling said well was completed on the 5th day of May, 1992.

And further deponents saith not.

Ron Furby
Don Underwood
Sworn and subscribe before me this 24th day of July, 1992
My commission expires: April 23, 1993
Raymond D. Zeno
Notary Public AUG 3 1992

