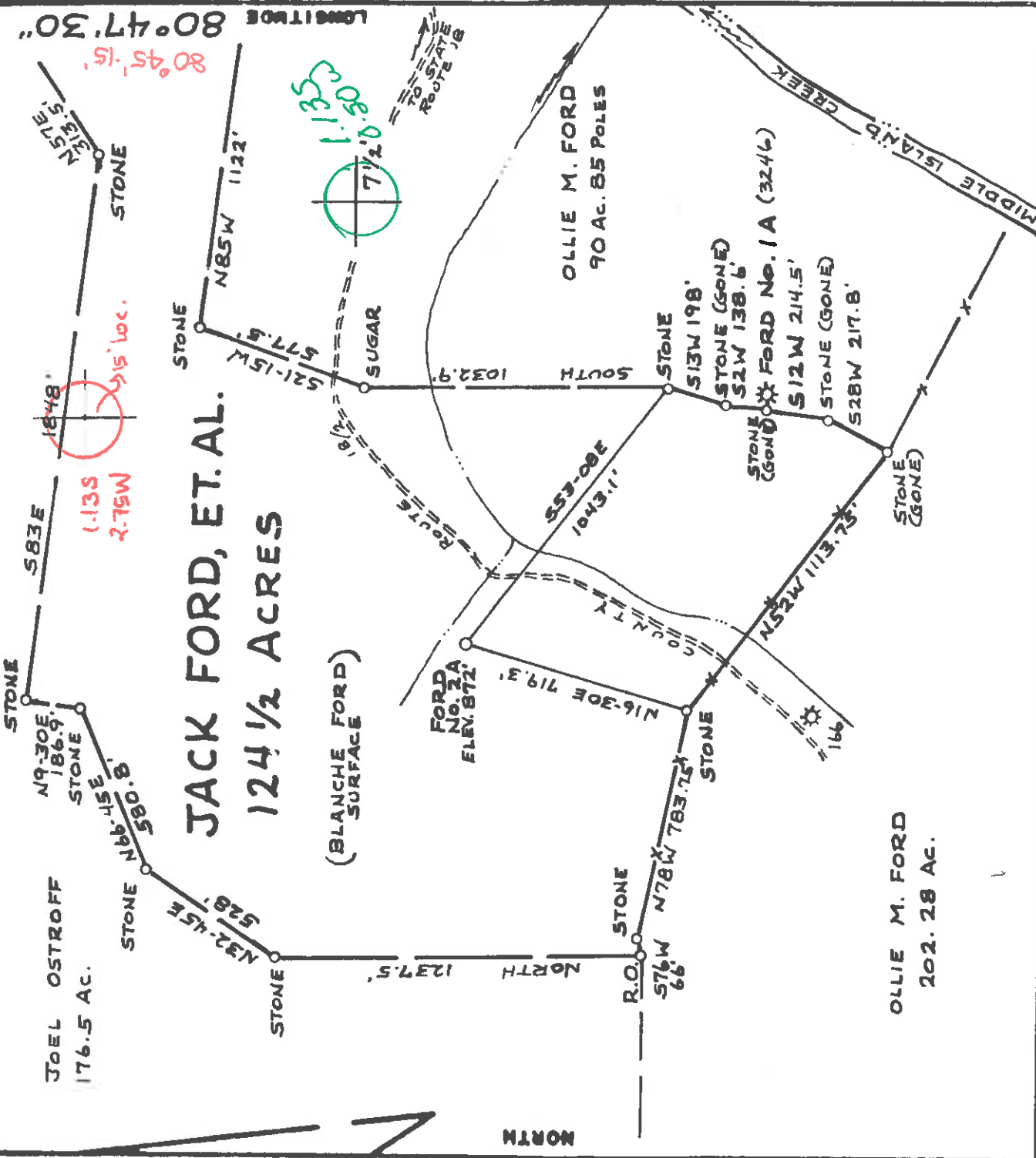


LATITUDE 39° 20' 00"



JACK FORD, ET. AL.
124 1/2 ACRES
 (BLANCHE FORD SURFACE)

JOEL OSTROFF
 176.5 AC.

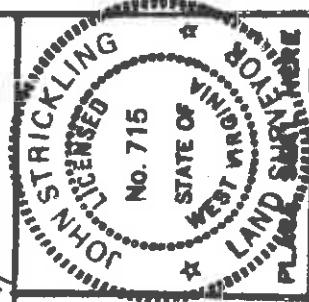
OLLIE M. FORD
 202.28 AC.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. 954'

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

FORM IV-6
 (8-78)

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) *John Strickling*
 A.P.E. _____ L.L.S. 715



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 872, WATER SHED MIDDLE ISLAND CREEK
 DISTRICT WEST UNION COUNTY ODDRIIDGE

SURFACE OWNER BLANCHE FORD QUADRANGLE WEST UNION, WV 7 1/2' 15' SE
 OIL & GAS ROYALTY OWNER JACK FORD, ET. AL. ACREAGE 124 1/2
 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 GORDON ESTIMATED DEPTH 3000'
 WELL OPERATOR FARR ENTERPRISES DESIGNATED AGENT P.D. FARR
 ADDRESS PO BOX 307 ADDRESS P.O. BOX 307
WEST UNION, WV 26456 WEST UNION, WV 26456

DATE 5 DECEMBER 1983
 OPERATOR'S WELL NO EORP 2A
 API WELL NO. 47-017-3276
 STATE WV COUNTY PERMIT

6-6 Central Station (91)



RECEIVED
State of West Virginia
Department of Mines
Oil and Gas Division

NOV 14 1984

Date May 1, 1984
Operator's
Well No. 2-A
Farm Ford
API No. 47 - 017 - 3276

OIL & GAS DIVISION
WELL OPERATOR'S REPORT
OF
DEPT. OF MINES
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 872' Watershed Middle Island Creek
District: West Union County Doddridge Quadrangle West Union 7 1/2'

COMPANY Farr Enterprises, Inc.

ADDRESS Box 307, West Union, W. Va. 26456

DESIGNATED AGENT P. D. Farr II

ADDRESS same

SURFACE OWNER Blanche Ford

ADDRESS West Union, W. Va. 26456

MINERAL RIGHTS OWNER Blanche Ford

ADDRESS West Union, W. Va. 26456

OIL AND GAS INSPECTOR FOR THIS WORK Mike

Underwood ADDRESS Salem, W. Va.

PERMIT ISSUED Dec. 21, 1983

DRILLING COMMENCED Jan. 17, 1984

DRILLING COMPLETED Jan. 23, 1984

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

Casing Tubing Size 20-16 Cond.	Used in Drilling in Well	Left in Well	Cement fill up Cu. ft.
13-10"			
9 5/8			
8 5/8	403'	403'	Neat Rule 15.05
7			
5 1/2			
4 1/2		1998'	150
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 1850 feet

Depth of completed well 2079 feet Rotary XX / Cable Tools

Water strata depth: Fresh 60 feet; Salt

Coal seam depths: None Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1850 - 1910 feet

Gas: Initial open flow 300 Mcf/d Oil: Initial open flow 1 Bbl/d

Final open flow 300 Mcf/d Final open flow 1 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 400 psig (surface measurement) after 24 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

DEC 03 1984

(Continue on reverse side)

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

Big Injun

16 holes

50,000# sand 1000 bbl. water

221101 100 10 11

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Blue		XX	0	20	surface rock
Red		XX	20	100	shale
White		XX	100	770	Red Rock
Red		XX	770	820	Sand
White		XX	820	1050	Red Rock
Blue		XX	1050	1115	Sand
Red		XX	1115	1167	Shale
White		XX	1167	1250	Sand Salt
Blue		XX	1250	1300	Blue Shale
White		XX	1300	1366	Salt Sand
Red		XX	1366	1735	Shale
Gray		XX	1735	1850	Lime
Black		XX	1850	1910	<u>Big Injun</u>
Black		XX	1910	TD	Shale

TD 2079

(Attach separate sheets as necessary)

Farr Enterprises, Inc.
Well Operator

By: *P. D. Finley, President*

Date: May 1, 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 any, encountered in the drilling of a well."

FORM 154(B)
(Obverse)
7-83

RECEIVED

FILE COPY



1) Date: December 5, 19 83
 2) Operator's Well No. Ford 56-A
 3) API Well No. 47-017-3276 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
 LOCATION: Elevation: 8721 Watershed: Middle Island Creek
 County: Doddridge Quadrangle: West Union 7 1/2'

6) WELL OPERATOR: Farr Enterprises, Inc.
 Address: P. O. Box 307 West Union, W. Va. 26456
 7) DESIGNATED AGENT: P. D. Farr II
 Address: P. O. Box 307 West Union, W. Va. 26456

9) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name: Mike Underwood
 Address: Seleny, W. Va.
 9) DRILLING CONTRACTOR:
 Name: Clint Hurt & Assoc.
 Address: P. O. Box 568 Elkview, W. Va. 25701

10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Weir _____
 12) Estimated depth of completed well, 2750 feet
 13) Approximate trata depths: Fresh, 30 feet; salt, _____ feet.
 14) Approximate coal seam depths: Done 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)	PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well		
Conductor							
Fresh water							
Coal							
Intermediate							
Production							
Tubing	8 5/8			400	400	neat	Depths set Rule 15.05
Liners	4 1/2				2750	350 sacks	Perforations: Top Bottom

Permit number 47-017-3276 OFFICE USE ONLY
 DRILLING PERMIT
 Date December 21, 19 83

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 December 21, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
13B	MH	MFMH	991	

NOTE: Keep one copy of this permit posted at the drilling location. Administrator, Office of Oil and Gas

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

