

API No.: 45-105-20459-00-03

VDMR Well Rep. No.

Div. Gas & Oil File No.: LE-73

Operator: OMNI PETROLEUM COMPANY

Farm: JAMES BLEDSOE

County: LEE

Co. Well No.: #1 OMNI UNIT

Quadrangle: BEN HUR - 7-1/2'

Location (UTM): N 4,066,390; E 314,790 UTM Zone: 17

Field: BEN HUR Province: VALLEY AND RIDGE

Elev. (specify): 1764' GR TD: 2764 Formation at TD: TRENTON

Initial Gas Flow: Age: ORDOVICIAN

Date compl. or abandoned: MAY 10, 1983

Result: OIL WELL - SHUT IN

Gas Shows

Gas Pays

Main Production Producing Formation: TRENTON

Final Gas Flow Age: ORDOVICIAN

Treatment:

Initial Oil Production:

Final Production:

Oil Shows

Water	FW:	at:	at	at
	SW:	at:	at	at

Coal:

Plat Plotted Completion Report: X

Handwritten notes:
80A
7-11-80

Drillers Log: X

Geologic Log

Samples

Interval Sheet

Sample Interval

Geophysical Logs

S.P.

Res

Gamma:

Neutron:

Density: Sonic Other: PERFORATING COLLAR, DUAL INDUCTION FOCUS LOG, COMPENSATED NEUTRON, FORMATION DENSITY, CEMENT BOND, FRACTURE IDENTIFICATION.

Stratigraphic Data Source:

<u>Formation</u>	<u>Top</u>	<u>Datum (Subsea)</u>	<u>Thickness</u>
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Remarks:

References:

Released to Open File: Completion: AUGUST 8, 1983
Samples: NO

(Note: UTM measurements in meters, all others in feet)

Date: May 10, 1983

Operator's
Well No. 1 Bledsoe-Sexton Unit

OMNI PETROLEUM COMPANY
JAMES BLEDSOE
#1 BLEDSOE-SEXTON UNIT
LE-73

SUR. EL. - 1764' GR.

BENHUR-7 1/2'

VIRGINIA OIL AND GAS INSPECTOR
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF MINES
219 Wood Avenue
Big Stone Gap, Virginia 24219-2799
Phone 703-523-0335

REPORT OF COMPLETION OF WELL WORK

Pursuant to Regulation 4.06 of the Regulations under the Virginia Oil and Gas Act, the undersigned well operator reports completion of the type(s) of well work specified below on the referenced well in Jonesville District, LEE County, Virginia:

WELL TYPE: Oil / Gas / Enhanced recovery / Waste disposal
If "Gas", Production / Underground storage

Exempt by Code § 45.1-300.B.1 from general oil and gas conservation law: Yes / No

WELL WORK: Drill / Deepen / Redrill / Stimulate
Plug off old formation / Perforate new formation
Plug / Replug
Other physical change in well (specify) _____

The well work was done as shown in the Appendix(es) applicable to the type(s) of well work involved. If the well work included the drilling of a new well, the certification of the location is on the reverse hereof.

CONFIDENTIALITY STATUS UNDER CODE OF VIRGINIA § 45.1-332:

Ninety days from the filing of this report,

or

Two years from _____, 19 , the date on which the referenced well was completed, the well being an exploratory well as defined in Code of Virginia § 45.1-288.21.

APPLICANT: OMNI PETROLEUM CORP.

By Robert B. Waggoner Jr.
Its Geologist

Address: P.O. Box 29305, Columbus, Ohio 43229

Telephone: 614/436-2586

Date: MAY 10, 1983

Operator's
Well No. 1 Bledsoe-Sexton Unit

REPORT OF COMPLETION OF WELL WORK
IF DRILLING, REDRILLING OR DEEPENING IS INVOLVED

DRILLING CONTRACTOR FUNK DRILLING Co., INC.

Address: P.O. Box 569, Coeburn, Va. 24230

Telephone: _____

GEOLOGICAL TARGET FORMATION TRENTON

DEPTH OF COMPLETED WELL 2764 feet (LOG)

DRILLING RIG ^{AIR} Rotary Cable tool

GEOLOGICAL DATA Depth Thickness
 Top Bottom

Fresh water: See attached DRILLER LOG (FUNK)

Salt water:

	Name	MINING IN AREA?		Mined Out
		Yes	No	
Coal seams:	_____			

Oil and gas:	_____			
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The data on depth of strata is based on the source(s) checked below:

- Applicant's own drilling experience in the area
- Information supplied by the coal operator in the area
- Information already in the possession of the Inspector
- As follows: DRILLER LOG (FUNK), G.P. D Log,
Sample description



OTHER GENERAL INFORMATION

An electric log survey was ___/ was not ___/ conducted pursuant to Code of Virginia § 45.1-333.B.2, at the coal owner's or operator's request.

An electric log survey was X/ was not ___/ run for other purposes. This survey did ___/ did not X/ disclose the vertical location of a coal seam.

Note: If a coal seam was located, the part of the survey from the surface through the coal is attached in accordance with Code of Virginia § 45.1-333.B.3.

Deviation surveys were ___/ were not X/ required under Code of Virginia § 45.1-333.C "to the bottom of the lowest published coal seam depth".

Note: If deviation surveys were required, the survey results are attached.

A continuous survey was ___/ was not X/ required under Code of Virginia § 45.1-333.C.

Note: If a continuous directional survey was required, the survey results are attached.

CHANGES IN THE PERMITTED WELL WORK

The well operator did ___/ did not X/ make any change(s) in the permitted well work, verbally approved by the Inspector or Assistant Inspector under Regulation 4.03 of the Regulations under the Virginia Oil and Gas Act, for the purpose of insuring successful completion of the well work.

Note: The nature and purpose of each such change, if any, is set out below or on additional sheets if such are required.

CASING AND TUBING PROGRAM

PRELIMINARY INFORMATION

Is the subject well underlaid by the red shales? Yes ___/ No ___/
 If "Yes", was a coal protection string set to the red shales? Yes ___/ No ___/

PROGRAM DETAILS

Size	Top	Bottom	Length	Perforated	
				From	To
Conductor 9 5/8"	0	55	55		

Casing circulated and cemented in to the surface:

4 1/2"	0	2700	2700	2636	2645
				2560	2570
				2390	2399
				2064	2074

Coal protection casing set under the special rule of Code of Virginia § 45.1-334.B:

Other casing and tubing left in the well:

7"	0	870	870		
2"	0	2700	2700		

Liners left in well, under Code of Virginia § 45.1-336 or otherwise:

Other casing used in drilling but not left in the well:

Packers or bridge plugs: Kind Size Set At

REMARKS (SHUT DOWN DEPTHS, DATES; FISHING JOB DEPTHS, DATES; CAVING; ETC.)

SAMPLES AND CUTTINGS

will ___/ will not X/ be available for examination by a member of the Virginia Geological Survey;
 will ___/ will not X/ be furnished the Virginia Geological Survey upon request;
 will ___/ will not X/ require sacks to be furnished by the Survey.

SAMPLE DESCRIPTION ATTACHED

CERTIFICATION OF LOCATION OF A NEW WELL

I, the undersigned, hereby certify that I am familiar with the well plat showing the permitted location of the new well referenced on the obverse hereof; and that I am the engineer___/ surveyor___/ who verified that the actual surface location of the replaced stake___/ well___/, after the well site was cleared and readied, does in fact comply with the standard of Regulation 4.02 of the Regulations under the Virginia Oil and Gas Act, as follows:

 within three feet of the location designated on the well plat in an area underlain by known coal seams identified by the Chief of the Division of Mines pursuant to Code of Virginia § 45.1-333, or

 within ten feet of the location designated by the well plat in other areas.

(Name)

As far as I know, the location was drilled as originally surveyed. The Ground Level elevation may be off due to a cut being made in the side hill
AMW

OMNI Petroleum Corp.
Bledsoe-Sexton Unit #1 (Permit #459)
130' FEL Bledsoe Property
550' FSL Bledsoe Property
8388' So. of Lat. 36°45'00"
9457' W. of Long. 83°02'30"
Jonesville District - Ben Hur Quad.
Lee County, Virginia

TRIO PETRO INC.
6480 BUSCH BLVD., STE. 322
COLUMBUS, OH 43229

SAMPLE DESCRIPTION

- 100-120 Sand - gray to red (25% red, 75% gray), fine to medium to coarse grains, rounded to subrounded, hard, siliceous, well cemented, hematitic, trace of gray sandy shale, trace of lime filled fractures, tight poor porosity.
- 120-140 Sand - gray as above but no red hematite and becoming more argillaceous with a trace of pyrite. poor porosity.
- 140-170 Shale - gray, very sandy, hard, trace of pyrite, few soft fragments.
- 170-220 Sand - gray as above, argillaceous with a trace of gray shale. sand grains predominantly larger, a trace of carbonaceous material, but still well cemented, but better porosity.
- 220-270 Sand - gray as above, very shaly, dirty and detrital.
- 270-310 Sand - gray as above, argillaceous, grain size smaller, tighter, well cemented, and poor porosity.
- 310-340 Shale - gray as above, very hard and sandy, with a few fragments of red hematitic shale at 340'.
- 340-360 Shale - red (90%), green to gray, predominantly hard, green fragments soft, very sandy. sand grains are fine to siltstone in size, few fragments of Brown Lime appearing at 360'.
- 360-390 Lime - medium to dark brown, hard, micro-granular texture, with about 25% gray to black sandy shale, pyritic, dull shadowy fluorescence (mineral).
- 390-410 Lime - very dark gray, argillaceous zone, becoming dolomitic, with dull shadowy fluorescence as above.
- 410-440 Lime - as above, medium brown to gray, dolomitic, slightly sandy, pyritic, mineral fluorescence.
- 440-460 Lime - light to dark brown, a few fragments of buff, micro-granular to sublithographic, dolomitic, sandy, fine to medium sand grains in samples, mineral fluorescence.
- 460-500 Lime - dark brown to dark gray, more argillaceous, dirty, detrital, sandy, dolomitic, with a dull, shadowy mineral fluorescence

zone at 460-470 and grading into a dirty, shaly sand at 500.

- 500-520 Sand - dark gray, dirty, shaly, detrital, with a few fragments of red hematitic sand. fine to coarse granular, with several large quartz pebbles, pulverized by bit.
- 520-530 Sand - red, hematitic, fine to medium to coarse grains, sample pulverized by bit.
- 530-540 Sand - as above but 50% white to light gray with greenish-gray shale.
- 540-730 Shale - medium gray, very sandy, trace of red fragments, possibly 50% sand, very sandy zone at 560-580. probably could be called a shaly sandstone with several reddish brown fragments and a few scattered greenish fragments.
- 730-840 Shale - predominantly reddish-brown, very sandy (50%), with a few fragments of gray to greenish gray shale, trace of fossil shell casts.
- 840-920 Shale - gray as above but very sandy (50%) with several fragments of light to dark gray sandstone.
- 920-30 Skip in Samples.
- 940-1010 Sand - gray, fine to coarse grains, rounded to sub-rounded, yellowish limonitic weathered surface clay coloring in pulverized portion of sample, very shaly, dirty and detrital, with a few large quartz pebbles. (Maybe "dog-housed"?)
- 1010-1090 Shale - gray, very sandy, medium hardness, with reddish-brown hard siltstone appearing at 1090'.
- 1090-1160 Siltstone to very fine grained shaly sand, reddish-brown, a few green fragments, hard, with a few floating sand grains in sample, well cemented no porosity.
- 1160-1230 Shale - dark gray, sandy, hard; with a few dark gray argillaceous, fossiliferous lime fragments; calcareous, and a trace of pyrite. Blue fluorescence in sample at 1170-1180 like diesel fuel or pipe-dope.
- 1230-1250 Siltstone - reddish-brown, hard, calcareous, with a few dark gray to greenish fragments and a few dark gray lime fragments.
- 1250-1280 Siltstone - 50% reddish-brown to 50% dark gray as above, calcareous, with a few lime fragments as above.
- 1280-1500 Siltstone - dark-gray, hard and calcareous as above with a trace of reddish-brown. several fragments of dark-gray, argillaceous, fossiliferous lime at 1410-1500'.

10-12-1968
 G.R.N. bog
 10-12-1968
 10-12-1968
 10-12-1968

- 15' - 175' with
GRAN Log
(Sexton top)
- 1500-1950 Siltstone - dark-gray, hard approaching a shaly very fine grained sandstone; fragments of dark-gray, argillaceous, fossiliferous lime; well cemented with a few floating sand grains in sample. lime fragments increased at 1760-1800', and approximately 50% lime at 1900', but still dirty; dark-gray, very argillaceous, detrital, and fossiliferous.
- 1950-2080 Lime - dark-gray, very argillaceous, shaly, micro-granular, trace of fluorescence along crystal filled fractures. (Blue fluorescence at 2080 like pipe-dope, diesel fuel or mineral fluorescence floating in the dust portion of sample).
- 2080-2310 Lime - medium brown to dark gray as above, shaly, argillaceous, very dirty and detrital, dull blue fluorescence, fracture planes present with calcite crystals, the matrix of the sample is micro-granular to sublithographic in texture, hard, dense, poor porosity, fossiliferous, large calcite crystals probably from fractures. petroliferous odor. several fine to medium grains of rounded to subrounded floating sand in sample at 2250-2300', dark gray argillaceous zone at 2300-2310' no floating sand grains.
- 2310-2330 Skip in Samples.
- 2330-2350 Lime - light to dark brown to gray, fairly clean, trace of fine floating sand grains in sample, petroliferous odor, Blue fluorescence of dust, dust has a crude-oil-brown to limonite-yellow color.
- 2350-2380 Lime - dark gray, dirty, argillaceous zone, hard, micro-granular, fossiliferous, tight matrix with small fractures present. Blue fluorescence as above.
- 2380-2420 Lime - dark-gray, dirty, Argillaceous as above, with a strong petroliferous odor, blue fluorescence of dust portion of sample, slightly arenaceous with a trace of floating sand grain.
- 2420-2440 Skip in Samples.
- 2440-2690 Lime - dark-gray, dirty, argillaceous as above, with blue fluorescence at 2440-2450 in dust particles of sample.
- 2690-2710 Lime - dark-gray and detrital as above with a few fragments of brown and bluish-gray lithographic lime in sample. cleaning-up to a less argillaceous lime. trace of blue fluorescence.
- 2710-2730 Lime - medium brown, lithographic, "birds-eye", clean, with micro-granular to sub-lithographic texture appearing at 1730.

2730-2760 Lime - medium brown to gray, micro granular to sub-lithographic, hard, dense, lacking porosity, clean and more like Trenton-Black River lime in Morrow County, Ohio.

The Trenton Section above never cleaned-up to the light brown to gray lime as in Morrow County, Ohio, but remained a dirty, detrital, Argillaceous, fossiliferous, dark-gray lime like the transitional zone into the Trenton of that locality.

*T.D. measurement of Dr/r.
off 36' with GRN log.*

OIL AND GAS WELL
SUMMARY REPORT

API No. 45-105-20459-00-03 VDMR Well
Rep. No. _____
DMQ File No. LE 73

Operator OMNI PETROLEUM COMPANY
Farm JAMES BLEDSOE
Co. Well No. # 1 OMNI UNIT

County LEE Quadrangle BEN HUR 7 1/2'
Location (UTM) N4,066,390; E314,790 UTM Zone 17
(Lat. and Long.) _____

Field _____ Province VALLEY AND RIDGE
Elev. (specify) 1764' CR TD 2764 Form. at TD TRENTON
Age ORDOVICIAN

Date compl. or abandoned MAY 10, 1983

Result OIL WELL - SHUT IN

Gas Shows _____

Gas Pays _____

Main Production _____ Prod. Form. TRENTON
Age ORODOVICIAN

Treatment: _____

Initial Production _____

Oil shows _____

Water FW _____ at _____ at _____ at _____
SW _____ at _____ at _____ at _____

Coal _____

Plat _____ Plotted _____ Completion Report _____ x

Drillers Log x Geologic Log _____

Samples _____ Interval Sheet _____

Sample Interval _____

Remarks _____

Geophysical Logs S.P. _____ Res _____ Gamma _____ Neutron _____

Density _____ Sonic _____ Other _____

Stratigraphic Data Source

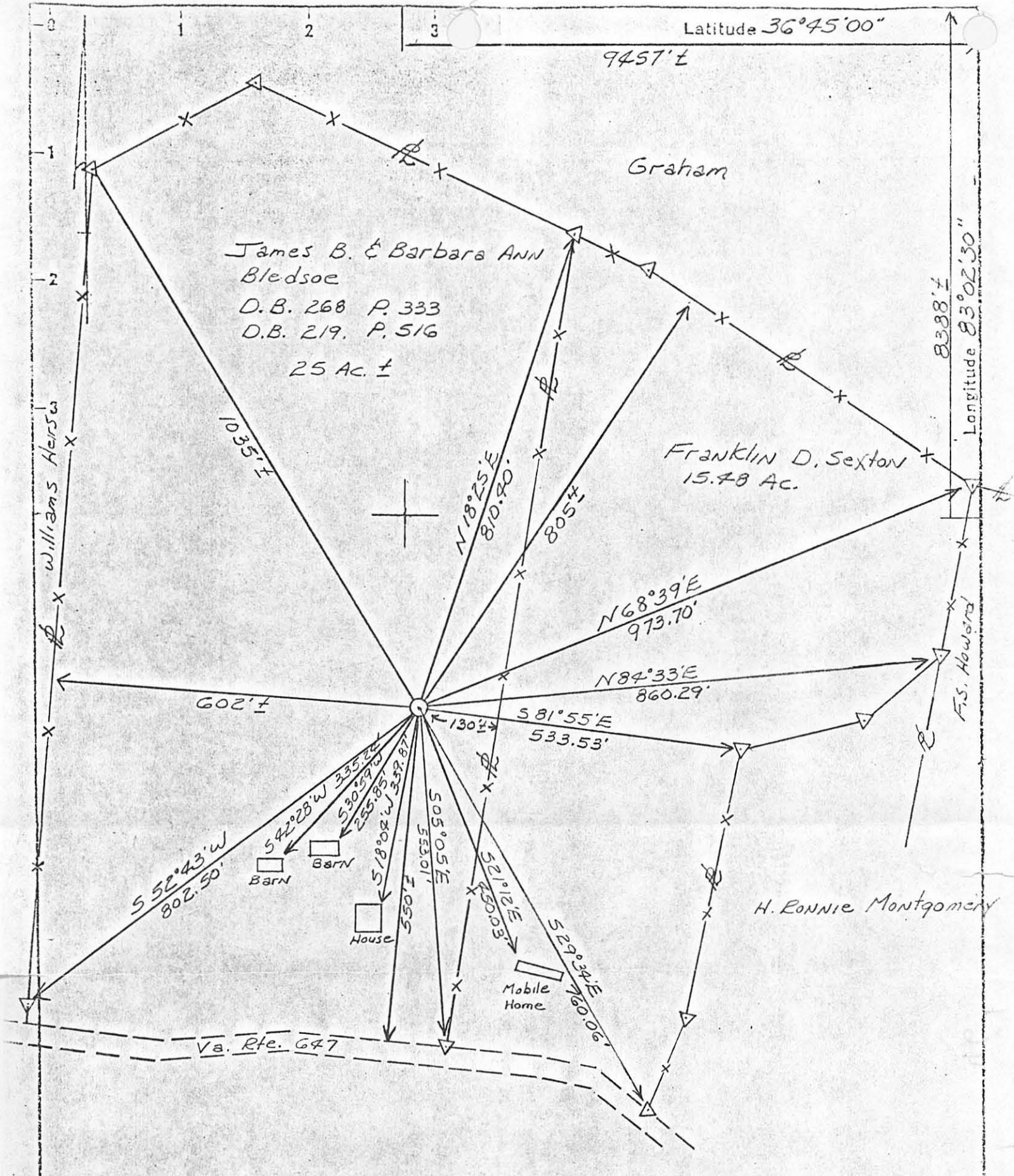
Formation.	Top	Datum (Subsca)	Thickness

Remarks _____

References _____

Released to Open File: Completion AUGUST 8, 1983
 Samples NO

(Note: UTM measurements in meters, all others in feet)



Latitude 36°45'00"

9457'±

Graham

James B. & Barbara Ann
Bledsoe
D.B. 268 P. 333
D.B. 219. P. 516
25 Ac. ±

Franklin D. Sexton
15.78 Ac.

8388'±

Longitude 83°02'30"

F.S. Howard

H. Ronnie Montgomery

Va. Rte. 647

- New Location
- Drill Deeper
- Abandonment

Company OMNI Petroleum Corp.
 Address 6161 Busch Blvd. P.O. Box 29305
Columbus, Ohio 43229

Farm James B. Bledsoe

Tract _____ Acres 25± Lease No. _____

Well (Farm) No. One Serial No. _____

Elevation (Spirit Level) 1769±

Quadrangle Ben Hur

County Lee District Jonesville

Engineer G.L. Hatfield

Engineer's Registration No. _____

File No. _____ Drawing No. 0-103-39-28

D. 19 Dec. 1981 Scale 1" = 200'

COMMONWEALTH OF VIRGINIA
 DIVISION OF MINES
 BIG STONE GAP, VA.
 WELL LOCATION MAP
 FILE NO. LE-73

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000 latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.