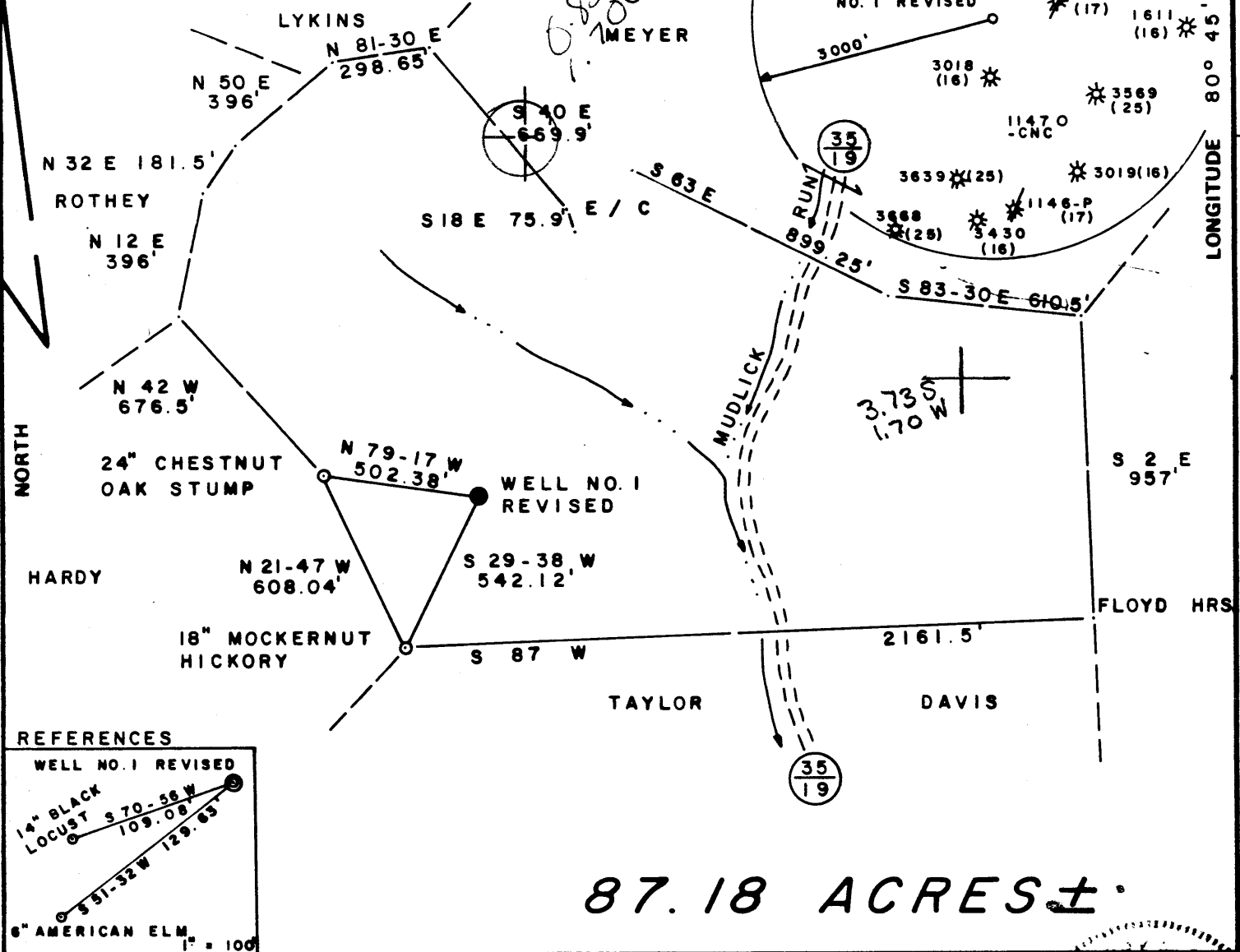
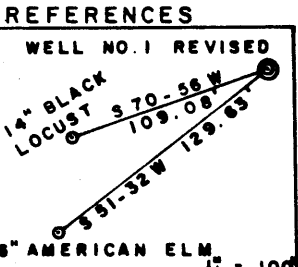


REESE LEASE

WELL NO. 1 REVISED

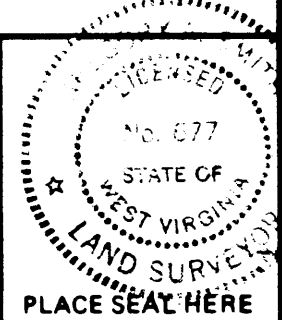


87.18 ACRES ±



FILE NO. 14-55
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV 1189'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION**

DATE JUNE 20, 19 84
 OPERATOR'S WELL NO. 1 REVISED
 API WELL NO. 47-021-4265
 STATE Glm COUNTY _____ PERMIT _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1014' WATER SHED MUDLICK RUN
 DISTRICT GLENVILLE COUNTY GILMER
 QUADRANGLE 312 GLENVILLE 7.5' 415' NE3
 SURFACE OWNER MARY L. LYNCH, et. al. ACREAGE 87.18
 OIL & GAS ROYALTY OWNER MARY L. LYNCH, et. al. LEASE ACREAGE 87.18
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 6700'
 WELL OPERATOR EASTERN AMERICAN ENERGY DESIGNATED AGENT DONALD SUPCOE
 ADDRESS BOX N ADDRESS BOX N
GLENVILLE, WV 26351 GLENVILLE, WV 26351

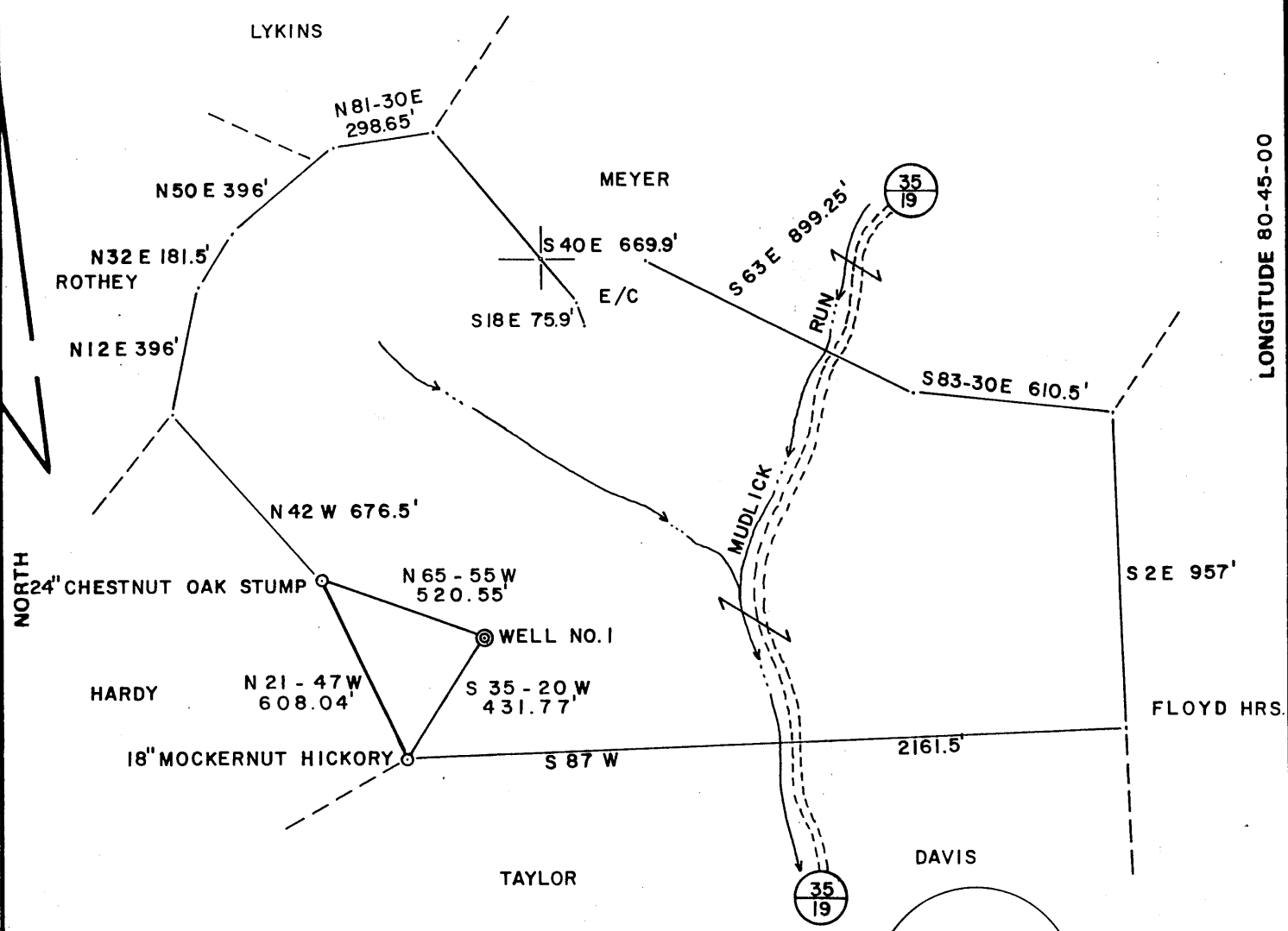
NOV 13 1984

- DEEP WELL - 6-0 Glenville North (182)

8975'

LATITUDE 38-57-30

REESE LEASE WELL NO. 1



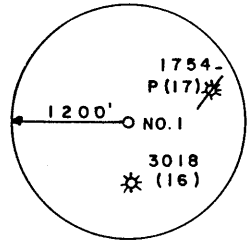
LONGITUDE 80-45-00

4610'

87.18 ACRES ±

REFERENCES

WELL to	10" BLACK WALNUT	S 49-42 W	132.82'
WELL to	2" POPLAR	S 39-01 W	136.60'



FILE NO. 14 - 8
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1189'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE APRIL 20, 19 84
 OPERATOR'S WELL NO. 1
 API WELL NO. _____

47 - 021 - 4192
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

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

Now: 021-4265

LOCATION: ELEVATION 1014' WATER SHED MUDLICK RUN
 DISTRICT GLENVILLE COUNTY GILMER
 QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER MARY L. LYNCH, et. al. ACREAGE 87.18
 OIL & GAS ROYALTY OWNER MARY L. LYNCH, et. al. LEASE ACREAGE 87.18
 LEASE NO. _____

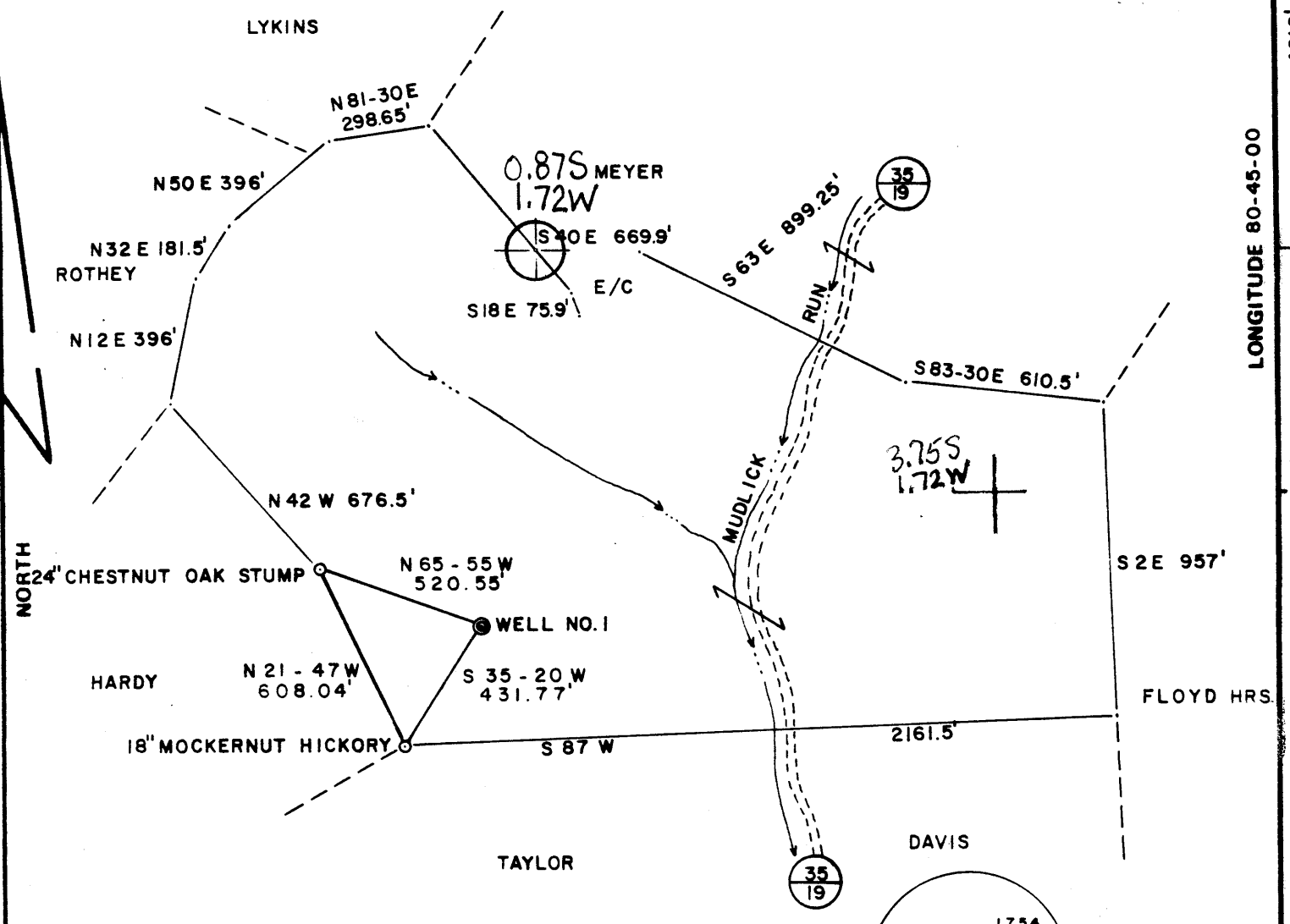
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON - ELK ESTIMATED DEPTH 5200'
 WELL OPERATOR EASTERN AMERICAN ENERGY DESIGNATED AGENT DONALD SUPCOE
 ADDRESS BOX N ADDRESS BOX N
GLENVILLE, WV 26351 GLENVILLE, WV 26351

SEP 29 1986

Blinnert 4192

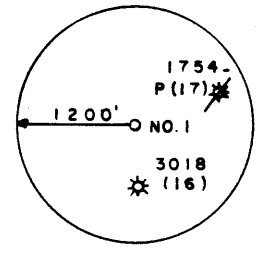
REESE LEASE WELL NO. 1



87.18 ACRES ±

REFERENCES

WELL to	10" BLACK WALNUT	S 49-42 W	132.82'
WELL to	2" POPLAR	S 39-01 W	136.60'



FILE NO. 14 - 8
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1189'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE APRIL 20, 19 84
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-021-4192
 STATE 47 COUNTY 021 PERMIT 4192

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1014' WATER SHED MUDLICK RUN
 DISTRICT GLENVILLE 3 COUNTY GILMER
 QUADRANGLE GLENVILLE 7.5.372 GLENVILLE050 NE3
 SURFACE OWNER MARY L. LYNCH, et. al. ACREAGE 87.18
 OIL & GAS ROYALTY OWNER MARY L. LYNCH, et. al. LEASE ACREAGE 87.18
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON - ELK ESTIMATED DEPTH 5200'
 WELL OPERATOR EASTERN AMERICAN ENERGY DESIGNATED AGENT DONALD SUPCOE
 ADDRESS BOX N 259 ADDRESS BOX N
GLENVILLE, WV 26351 GLENVILLE, WV 26351

JUN 11 1984

FERC
3/5/86



IV-35
(Rev 8-81)

Date 2/10/86
Operator's _____
Well No. Reese #1
Farm Mary L. Lynch et al.
API No. 47 - 021 - 4265

State of West Virginia
DEPARTMENT OF ENERGY
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 x / Underground Storage ___ / Deep X / Shallow ___ /)

LOCATION: Elevation: 1,014' Watershed Mudlick Run
District: Glenville County Gilmer Quadrangle Glenville 7.5

COMPANY Eastern American Energy Corporation
ADDRESS P.O. Box N, Glenville, WV 26351
DESIGNATED AGENT Donald C. Supcoe
ADDRESS P.O. Box N, Glenville, WV 26351
SURFACE OWNER Mary L. Reese et al.
ADDRESS P.O. Box 88, Glenville, WV 26351
MINERAL RIGHTS OWNER (SAME AS ABOVE)
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK _____
Deo Mace ADDRESS Rt. 1, Box 65 Sandridge, WV 25274
PERMIT ISSUED 11/5/85 84
DRILLING COMMENCED 12/19/85
DRILLING COMPLETED 12/19/85
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	442'	442'	Surface
7			
5 1/2			
4 1/2	6877'	6877'	672.6
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany, Benson, Elk (Commingled) Depth 6800' feet
Depth of completed well 6950' feet Rotary X / Cable Tools _____
Water strata depth: Fresh 400 feet; Salt 700 feet
Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation Oriskany, Marcellus (Commingled) Pay zone depth 6763'-5508' feet
Gas: Initial open flow 3 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 12 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 1300 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

(Continue on reverse side)

201987

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

Oriskany 10 - .32 Shots 6763'-6690' CO₂ Frac with 40 tons
 Chert 9 - .32 Shots 6599'-6525' CO₂ Frac with 40 tons
 Marcellus 14 - .32 Shots 6499.75'-6497' CO₂ Frac with 40 tons

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	10	
Sand and Shale			10	30	Fresh Water
Shaly Sand			30	68	
Lime			68	70	
Sand			70	80	
White Sand			80	125	
Shale and Sand			125	142	
Shale			142	200	
White Sand			200	234	
Shale			234	271	
White Sand			271	281	
Red Rock			281	381	
Sand and Shale			381	560	
Shale			560	790	
Sand			790	840	
Sand and Shale			840	1160	
Sand			1160	1186	
Sand and Shale			1186	1445	
Sand			1445	1495	Salt Water
Sand and Shale			1495	1596	
Big Lime			1596	1700	Tops from Electric Log
Big Injun			1700	1800	
Weir			1800	2005	
Devonian Shales and Silts			2005	4504	
Benson			4504	4536	
Shale			4536	4636	
Elks			4636	5514	
Shale			5514	6404	
Marcellus			6404	6452	
Onondaga ^a			6452	6490	
Chert			6490	6687	
Oriskany			6687	6798	
Helderberg			6798	T.D.	
				TD 6950	

(Attach separate sheets as necessary)

EASTERN AMERICAN ENERGY CORPORATION

Well Operator

By: R. E. Hoffeefinger District Operations Mgr.

Date: 2/10/86

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."



1) Date: June 25, 19 84
 2) Operator's Well No. REESE #1
 3) API Well No. 47 - 021-4265 ~~RESE~~
 State County Permit

REVISED

REVISED

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep X / Shallow)
- 5) LOCATION: Elevation: 1014' Watershed: Mudlick Run
 District: Glenville County: Gilmer Quadrangle: Glenville 7.5'
- 6) WELL OPERATOR Eastern American Energy Corp. 7) DESIGNATED AGENT Donald C. Supcoe
 Address P.O. Box 67, Glenville, WV 26351 Address P.O. Box 67, Glenville, WV 26351
(304) 462-5781 (304) 462-5781
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Deo Mace 655-7398 Name Unknown
 Address Rt. 1, Box 65 Address
Sand Ridge, WV 25274
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Oriskany
- 12) Estimated depth of completed well, 6700 feet
- 13) Approximate trata depths: Fresh, 200 feet; salt, None feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No X

RECEIVED
 AUG 23 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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.	New	Used	For drilling	Left in well		
Conductor	20	J 55	94		X	25	-0-		Kinds
Fresh water	8 5/8	CW	20	X		400	400	Surface	Surface Poz + Neat
Coal									Sizes
Intermediate									
Production	4 1/2	J 55	10.5	X		6700	6700	350 Ft. ³	Depths set
Tubing	1 1/2	H 40	2.5	X		-----	6500		
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-021-4265 Date November 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 November 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>57</u> BLANKET	Agent: <u>✓</u>	Plat: <u>LO</u>	Casing: <u>MW</u>	Fee: <u>MW</u>	<u>1483</u>
----------------------------	-----------------	-----------------	-------------------	----------------	-------------

[Signature]
 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: May 8, 19 84
 2) Operator's Well No. REESE #1
 3) API Well No. 47 - 021 - 4192
 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)
- 5) LOCATION: Elevation: 1014 Watershed: Mudlick Run - LK-84
 District: Glenville County: Gilmer Quadrangle: Glenville 7.5'
- 6) WELL OPERATOR Eastern American Energy Corp. 7) DESIGNATED AGENT Donald C. Supcoe
 Address P. O. Box 67, Glenville, WV 26351 Address P. O. Box 67, Glenville, WV 26351
(304) 462-5781 (304) 462-5781
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Deo Mace 655-7398 Name Unknown
 Address Rt. 1, Box 65 Address _____
Sand Ridge, WV 25274
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson-Elk OIL & GAS DIVISION
 12) Estimated depth of completed well, 5200 feet DEPT. OF MINES
 13) Approximate trata depths: Fresh, 200 feet; salt, None feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

RECEIVED
 MAY 10 1984

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.	New	Used			
Conductor	20	J 55	94		X	25	-0-	Kinds
Fresh water	8 5/8	CW	20	X		400	400	Surface
Coal								Sizes
Intermediate								
Production	4 1/2	J 55	10.5	X		5150	5150	350 Ft. ³
Tubing	1 1/2	H 40	2.5	X		5000		Depths set
Liners								Perforations:
								Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-021-4192 Date June 6, 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 June 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LS</u>	Plat: <u>TS</u>	Casing: <u>TS</u>	Fee: <u>1234</u>
----------------------	------------------	-----------------	-------------------	------------------

[Signature]
 Administrator, Office of Oil and Gas

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