

NOTE: LEASE BOUNDARY INFORMATION AND WELL TIES TAKEN FROM PLAT DATED 02/02/70 FOR 47-033-534 PREPARED BY JACKSON M. JARVIS, RPF 2397.

ADJOINING OWNERSHIP TAKEN FROM ABOVE PLAT.

LATITUDE 39-10-00

LONGITUDE 80-25-00

N. DEISON

V. WASHBURN

1809.00'

7.5' COORDINATES:

NAD 83 COORDINATES:

LAT - 39-09-16.3
LONG - 80-26-31.3

845
1.380

NOTE: SURVEY TIES TO USGS 7.5' TOPO IDENTIFIABLE FEATURES AND SCALED TO 0.10 SECONDS.

EDMOND SOUTHERN

140 AC.

11267
47-033-534

L. MAXWELL

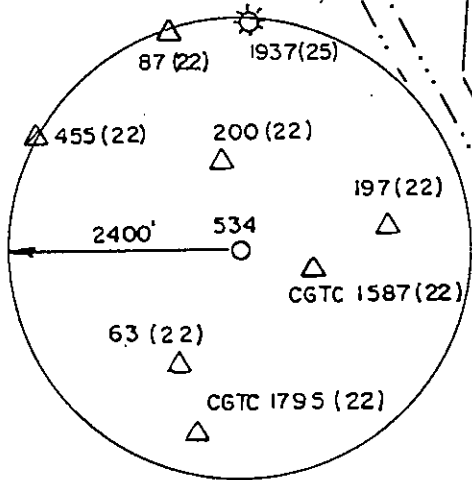
EDMOND SOUTHERN

140 AC.

11267
47-033-534

L. MAXWELL

J. GUSMAN, HRS.



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

FILE NUMBER: _____
 DRAWING NUMBER: 11267.PCS
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: 1 IN 200
 PROVEN SOURCE OF ELEVATION: CGSC WELL #1587
 ELEVATION = 1175'

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 ENERGY.

(SIGNED)

STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: NOVEMBER 16, 1998

OPERATORS WELL NO.: 11267

API WELL NO. 47-033-00534-W

STAT COUNTY PERMIT

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

LOCATION: ELEVATION 1048' WATERSHED WEST FORK RIVER

DISTRICT GRANT COUNTY HARRISON

QUADRANGLE WEST MILFORD 7.5 MIN. LEASE NUMBER 4884

SURFACE OWNER MALLIE JENKINS ACREAGE 102.26

OIL & GAS ROYALTY OWNER EDMOND SOUTHERN LEASE ACREAGE 140

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

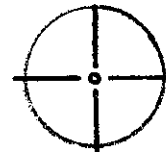
PLUG & ABANDON ___ CLEANOUT & REPLUG ___
 TARGET FORMATION fifth sand, speckley, balltown ESTIMATED DEPTH 4215'

WELL OPERATOR CNC PRODUCING COMPANY DESIGNATED AGENT RODNEY BIGGS

ADDRESS RT. 2, BOX 698 BRIDGEPORT, WV 26330 ADDRESS RT. 2, BOX 698 BRIDGEPORT, WV 26330

COUNTY NAME HARRISON PERMIT NO. 0534W

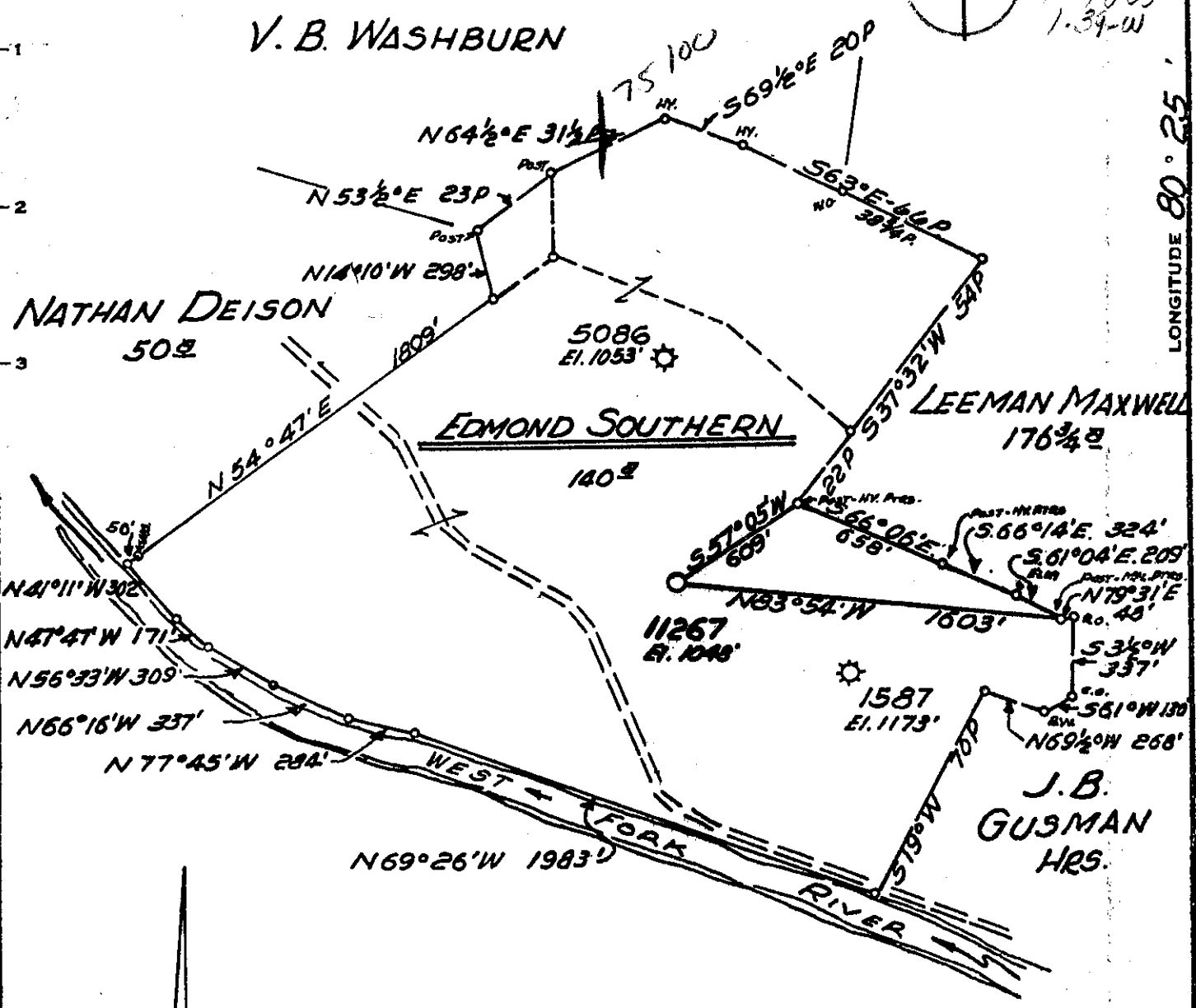
V. B. WASHBURN



0.78
1.34-W

LONGITUDE 80° 25'

4150'



Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 1587 ELV. 1173'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 57 521 E 9 - F.B. 1541 PG. 24-25 & 40

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W. VA.
 Farm EDMOND SOUTHERN
 Tract _____ Acres 140[±] Lease No. 4884
 Well (Farm) No. _____ Serial No. 11267
 Elevation (Spirit Level) 1048'
 Quadrangle WESTON WC West-Milford
 County HARRISON District GRANT
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date FEB. 2, 1970 Scale 1"=40P

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

WELL LOCATION MAP
 FILE NO. Hat-534

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

WR-35

10-Dec-98

API # 47- 33-00534 W

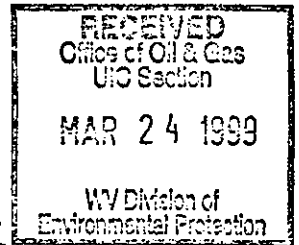
State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed AS

Farm name: JENKINS, MALLIE Operator Well No.: 11267

LOCATION: Elevation: 1,048.00 Quadrangle: WEST MILFORD

District: GRANT County: HARRISON
Latitude: 4420 Feet South of 39 Deg. 10Min. 0 Sec.
Longitude 7260 Feet West of 80 Deg. 25 Min. 0 Sec.



Company: CNG TRANSMISSION CORP.
445 W. MAIN ST., P.O. BOX 2450
CLARKSBURG, WV 26302-2450

Agent: JAMES D. BLASINGAME

Inspector: TIM BENNETT
Permit Issued: 12/10/98
Well work Commenced: 01/20/99
Well work Completed: 02/15/99
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.

OPEN FLOW DATA

Producing formation BalHoun SpeerLEY 5th SAND Pay zone depth (ft) 3006-3036 (13) 2788-2796 (16) 2093-2178 (14)
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow * 432 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 220 psig (surface pressure) after 12 Hours
* Commingle with existing production
Second producing formation _____ Pay zone depth (ft) _____
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 pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Brian C. Shepard
CNG TRANSMISSION CORP.
BY: Be. Staff Engineer
Date: 3/04/99

APR 5 1999

HAR 0534 W

CNGT 11267

ACTIVITY

- 01/20/99 KEY ENERGY CHECKED TD @ 4154'. OLD PERFS 4099-4105', SET SOLID PLUG AT 3100'. PERFED BALLTOWN AT 3006-3038', 13 HOLES.
- 01/21/99 KEY ENERGY PERFORATED AND BJ FRACED AS FOLLOWS:
BALLTOWN, 3006 - 3036', 13 HOLES, B.D. 1290#, AVG. RATE 16.4 BPM, AVG PRESS. 1546#, 450 BBLs, TOT SAND 31,000#, ISIP 1100#
SPEECHLEY, 2788 - 2796', 16 HOLES, B.D. 1960#, AVG RATE 17 BPM, AVG PRESS. 1876#, 434 BBLs, TOT SAND 36,500#, ISIP 1290#
5TH SAND, 2092 - 2178', 14 HOLES, B.D. 1670#, AVG RATE 17 BPM, AVG PRESS. 1952#, 414 BBLs, TOT SAND 29,500#, ISIP 1550#
T.B.I.L.
- 02/15/99 DRILLED OUT SOLID PLUG AND PUT ON BOTTOM. T.D. AT 4140'. WELL FEEDING 140 MCFD. SWABBED WELL DRY AND TESTED.
- F.O.F. - 432 MCFD - 220#
- 02/16/99 T.B.I.L.



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

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well ^{Note} Gas (KIND)

Quadrangle WESTON
Permit No. HAR-534

WELL RECORD

Company CONSOLIDATED GAS SUPPLY CORPORATION
Address Clarksburg, West Virginia
Farm Edmond Southern Acres 140
Location (waters)
Well No. 11267 Elev. 1048'
District Grant County Harrison
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address
Drilling commenced 3-09-70
Drilling completed 3-24-70
Date Shot Not Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 268,000 Benson Natural Cu. Ft.
Rock Pressure 1245 lbs. 1 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) 4-08-70 with 500 gal. 15% acid, 1170 bbl. water, 90,000# sand and 3000 HHP
RESULT AFTER TREATMENT (Initial open Flow or hbls.) 3,867,000 cubic feet 3,867 MCFGPD
ROCK PRESSURE AFTER TREATMENT 1875 lbs. HOURS 14 days
Fresh Water 75; 95; 150 & 445 Feet Salt Water None Feet
Producing Sand Benson Depth 4095-4109'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	280	280	
10			Size of
8 1/4	1804	1804	
6 3/4			Depth set
5 3/16			
4 1/2	4230	4230	
3			Perf. top 4095
2			Perf. bottom 4109
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 13" with 300 bags
8" with 750 bags
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) 4 1/2" with 600 bags
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT 145 FEET 24 INCHES
375 FEET 36 INCHES 450 FEET 60 INCHES
670 FEET 48 INCHES FEET INCHES
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) 4-08-70 with 500 gal. 15% acid, 1170 bbl. water, 90,000# sand and 3000 HHP
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Producing Sand Benson Depth 4095-4109'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & shale			0	145	water	75 & 95	
Coal			145	147	water	150	
Sand & shale			147	375			
Coal			375	378			
Sand & shale			378	450	water	445	
Coal			450	455			
Sand & shale			455	670			
Coal			670	674			
Sand & shale			674	1110			
Maxton			1110	1170	Gas	1117-47	
Little Lime			1170	1208			
Big Lime			1208	1275			
Big Injun			1275	1375			
Sand & shale			1375	1580			
Gartz			1580	1607			
Sand & shale			1607	2035			
5th Sand			2035	2110	Gas	2091	
Sand & shale			2110	4088			
Benson			4088	4112	Gas	4095-4109	
Total Depth				4215			

All measurements taken from KB 9' above GL

OCT 29 1970