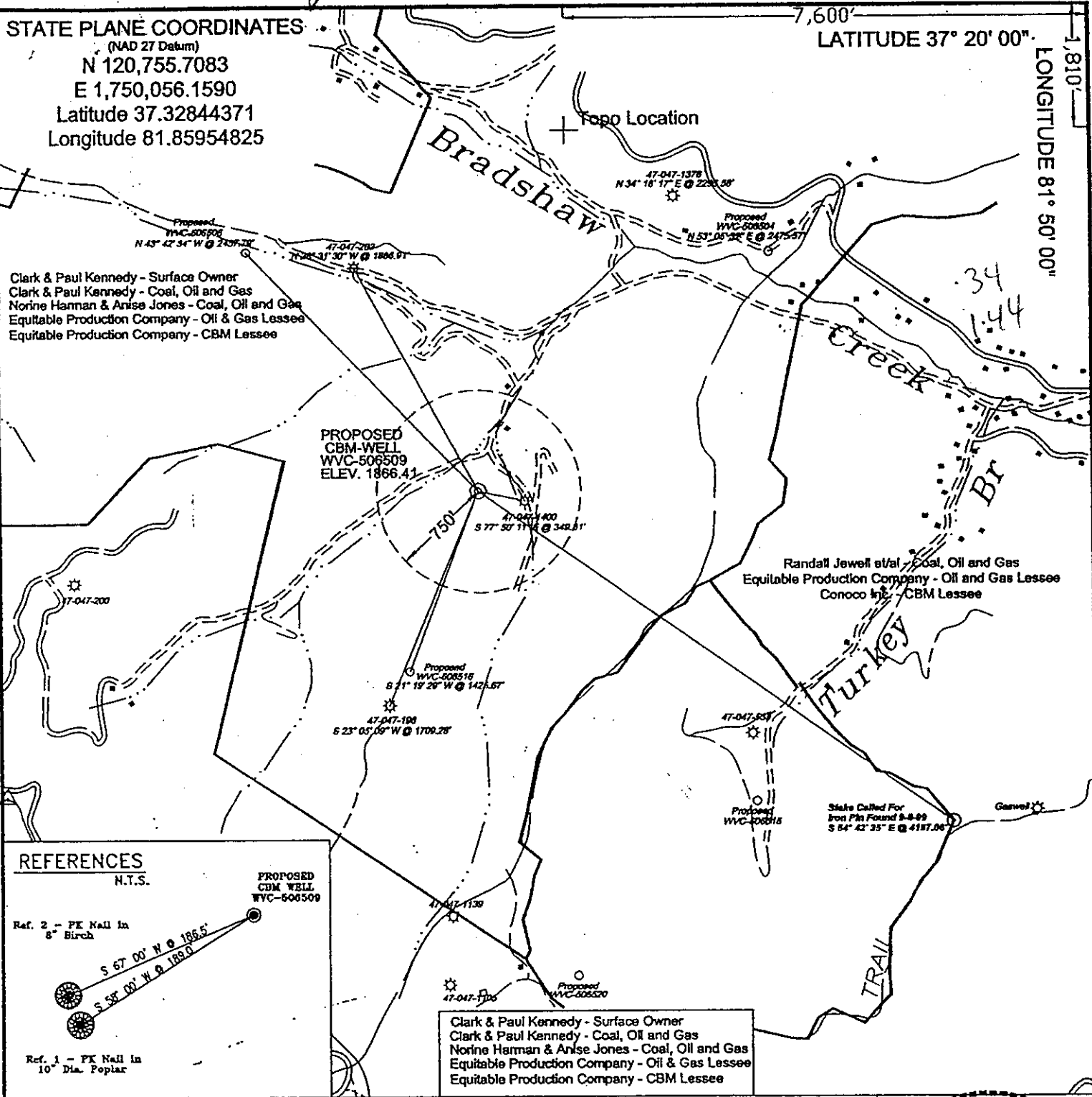


STATE PLANE COORDINATES
(NAD 27 Datum)
N 120,755.7083
E 1,750,056.1590
Latitude 37.32844371
Longitude 81.85954825

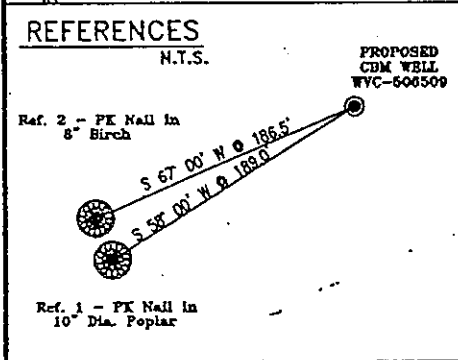
LATITUDE 37° 20' 00"
LONGITUDE 81° 50' 00"



Clark & Paul Kennedy - Surface Owner
Clark & Paul Kennedy - Coal, Oil and Gas
Norine Harman & Anise Jones - Coal, Oil and Gas
Equitable Production Company - Oil & Gas Lessee
Equitable Production Company - CBM Lessee

PROPOSED
CBM-WELL
WVC-506509
ELEV. 1866.41

Randall Jewell et al - Coal, Oil and Gas
Equitable Production Company - Oil and Gas Lessee
Conoco Inc. - CBM Lessee

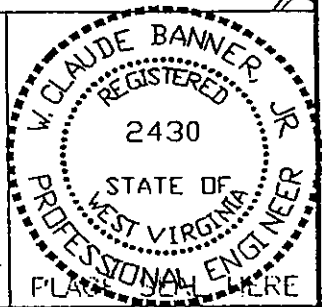


Clark & Paul Kennedy - Surface Owner
Clark & Paul Kennedy - Coal, Oil and Gas
Norine Harman & Anise Jones - Coal, Oil and Gas
Equitable Production Company - Oil & Gas Lessee
Equitable Production Company - CBM Lessee

FILE No. 8-6-01-1KF
DRAWING NAME \506509\Plat WVC-506509
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1 : 2500
PROVEN SOURCE OF
ELEVATION Global Positioning
System (GPS)

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) *W. Claude Banner, Jr.*
R.P.E. 2430 R.P.S.



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV

DATE OCTOBER 1 2001
OPERATOR'S WELL No. WVC-506509
API WELL No. 47 - 047 - 01597C
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1866.41 WATER SHED UNNAMED TRIBUTARY OF BRADSHAW CREEK OF DRY FORK
DISTRICT SANDY RIVER COUNTY MCDOWELL
QUADRANGLE BRADSHAW, WV

SURFACE OWNER CLARK & PAUL KENNEDY ACREAGE ± 842.85 TAX MAP 323 Parcel 18
CBM ROYALTY OWNER CLARK & PAUL KENNEDY, NORINE HARMAN & ANISE JONES LEASE ACREAGE 1011.01
LEASE No. 497885L

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 PENNSYLVANIAN COALS ESTIMATED DEPTH
WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT STEPHEN PERDUE
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVE.
CHARLESTON, WV 25328 CHARLESTON, WV 25328

McDOWELL 1597C

pc 3

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Kennedy, Clark & Paul

Operator Well No.: 506509

LOCATION: Elevation: 1866.41'

Quadrangle: Bradshaw

District: Sandy River

County: McDowell

Latitude: 1810 Feet South of 37 Deg. 20 0
Longitude: 7600 Feet West of 81 Deg. 50 0

Company: Equitable Production Company
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Stephen G. Perdue

Inspector: Ofie Helmick

Permit Issued: 01/10/2002

Well work commenced: 05/01/02

Well work completed: 11/19/02

Verbal Plugging

Permission granted on: _____

Rotary Rig Cable Rig _____

Total Depth 1756 feet

Fresh water depths (ft) none reported

Salt water depths (ft) none reported

Is coal being mined in area?

Coal Depths (ft): 10', 60', 140', 350'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
12 3/4"	22'	22'	grouted
9 5/8"	523'	523'	182.9 ft³
4 1/2"	1703'	1703'	426.99 ft³
2 3/8"		1640'	

OPEN FLOW DATA

Squire Jim, Poca 1/Poca 4/3, Poca 6/7, L Firecreek, Firecreek,

See Attach

Producing formation Beckley

Pay Zone Depth (ft): for details

Gas: Initial open flow 0 MCF/d
Final open flow: 26 MCF/d

Oil: Initial open flow _____ Bbl/d
Final open flow: _____

Time of open flow between initial and final tests _____ Hours

Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____

Pay Zone Depth (ft): _____

Gas: Initial open flow _____ MCF/d
Final open flow: _____ MCF/d

Oil: Initial open flow _____ Bbl/d
Final open flow: _____

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.

Barbara Whissard
For: Equitable Production Company

By: *Paul A. Davis*
Date: 2/6/03

McDOW 1597

MAR 28 2003

EQUITABLE PRODUCTION COMPANY
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: WV-506509

API# 47-047-01597

Date	11/6/2002	11/6/2002	11/11/2002	11/11/2002		
Type Frac Acid, N ₂ , Foam, Water	140 Delta Frac	140 Delta Frac	140 Delta Frac	140 Delta Frac		
Zone Treated	Squire Jim/ Poca 1	Poca 4/3	Poca 6/7	L Firecreek/ Firecreek/ Beckley		
# Perfs From - To:	16 1369-1422	16 1201-1283	20 1109-1151	20 761-901		
BD Pressure @ psi	3059	2919	2948	2477		
ATP psi	3088	3250	2601	2610		
Avg. Rate, B=B/M, S= SCF/M	5.5 B	10.5 B	12.48 B	13.4 B		
Max. Treat Press psi	4111	4100	3500	3543		
ISIP psi	NA	NA	2639 Final	1471 Final		
Frac Gradient	NA	NA	2.76	2.20		
10 min S-I Pressure	NA	NA	2006 5 min	1218 5 min		
Material Volume						
Sand-sks	39	86	196	231		
Water-bbl	163	285	366	311		
SCF N ₂						
Acid-gal	300 gal 7.5% acid	300 gal 7.5%	800 gal 7.5% acid	800 gal 7.5% acid		
NOTES:		Screen Out				

TOP **BASE**
Coal Seams @ 10', 60', 140', 350'

FORMATION

REMARKS*

RALEIGH	568.5
BECKLEY	759.5
FIRE CREEK	875.75
LOWER FIRE CREEK	899.5
POCA 9	952.5
POCA 8	967.5
POCA 7	1109
POCA 6	1145.5
POCA 5	1170.25
POCA 4	1201.25
Un-named	1234.5
POCA 3	1281
POCA 2	1324
POCA 1	1369.75
SQUIRE JIM	1421.25
TD	1756