

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		² OGRID Number 6137	
		³ Reason for Filing Code CH 1/1/2000	
⁴ API Number 30-045-27266	⁵ Pool Name Basin Fruitland Coal (Gas)		⁶ Pool Code 71629
⁷ Property Code 019641	⁸ Property Name Northeast Blanco Unit		⁹ Well Number 457

II. ¹⁰ Surface Location

UI or lot no. F	Section 31	Township 31N	Range 7W	Lot.Idn	Feet from the 2255	North/South Line FNL	Feet from the 340	East/West Line FWL	County San Juan
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¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
		613410	O	
002520	Blackwood & Nichols Co., LTD 20 N Broadway Oklahoma City, OK 73102	613430	G	

MAR 2000
RECEIVED
OIL CON. DIV
DIST. 3

IV. Produced Water

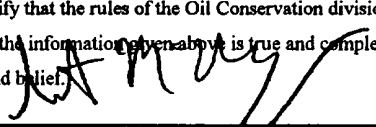
²³ POD 613450	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

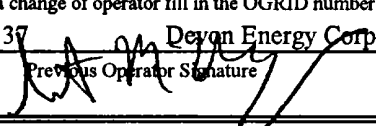
²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTB	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	³⁴ Sacks Cement

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: 
Printed Name: Steve McNally
Title: District Manager
Date: 3/20/00
Phone: (405) 235-3611

OIL CONSERVATION DIVISION
Approved by: 
Title: SUPERVISOR DISTRICT #3
Approval Date:
MAR 29 2000

If this is a change of operator fill in the OGRID number and name of the previous operator
6137 Devon Energy Corporation (Nevada)
Previous Operator Signature: 
Printed Name: Steve McNally
Title: District Manager
Date: 3/20/00

BENCH MARK

GEOLOGICAL SERVICE RECEIVED

HYDROCARBON WELL LOG

OCT 18 1989

OPERATOR Blackwood and Nichols CON. DIV

WELL NE Blanco Unit 457

FIELD San Juan Co., New Mexico

LOCATION sec 31 T31N R7W

ELEVATION KB 6437 ft. GL 6422 ft.

SPUD DATE 9/13 - 9/14/89

INTERVAL LOGGED 3070 - 3329

DATE LOGGED 9/13 - 9/14/89

LOGGING GEOLOGISTS Randy Laney, Danny Wyckoff

INSTRUMENTATION FID chromatograph and total gas detector, infrared CO₂ detector

WELL LOCATION

NEBU 455
NEBU 38-31

NEBU 457
NEBU 66-A

LEGEND—GAS CURVES

TOTAL GAS	T
METHANE	1
ETHANE	2
PROPANE	3
ISO & N-BUTANE	4
OIL INDICATOR	0

HYDROCARBON ANALYSIS

TOTAL GAS			Reported in Units	
10	100	1000	10	100
GAS CHROMATOGRAPHY			Reported in PPM	
100	1000	10000	100	1000
OIL INDICATOR			Dimension Less	
0.01	0.1	1.0	0.01	0.1

7" casing set at 3070 ft.

5 foot sample interval.
Drilling with fresh water.

100 units total gas = 1% methane.
10 100 1000 units
100 1000 10,000 ppm

Depth of Coal Intervals
100 1000 ppm

2.5 5 7.5 10

WOB 5000

increase
WOB to 7000

DC + 2'

DC + 3'

DC + 4'

DC + 6'

TD 3329 ft.

3060

cement

80

3100

20

40

60

80

3200

20

40

60

80

3300

20

total gas

max total gas
208 units
10,350 ppm

rig repairs

117 units
6290 ppm

430 units
24,770 ppm

422 units
9870 ppm

C₁

DTG

DC + 2'

DTG

DC + 3'

DTG

DC + 4'

CG

DC + 6'

C₃-I

C₂

CO₂

scale

100 1000 10,000 ppm

max CO₂ 25,000 ppm

CO₂

3138-42

3145-53

3206-13

3215-19

3238-48

3250-52

3302-17

3319-20

Sh & Coal med-dark
brn blk, sb platy, sb
res-resinous, v carbon.
& sli argill., w/ black
sb vitreous, sb blocky
coaly lenses

Sh med-dk brown, brn-
blk, earthy-resinous,
sb platy-sb blocky, non-
very carb., non-mod
argill., w/ black
coaly laminae & lenses

Ss med gy-gy brown,
f-vf gr, sb ang-sb rd,
fr sorting mod fri, v
calc cement w/ wh arg
cyst. NS

Coal pred brown black
sli blacker to base,
v platy at top-blocky
at base very little
vit at top-25% in
lower portion, very arg
& carb coal becoming
cleaner to base

Ss gy white, f-occ med
gr, sb ang, mod w srt,
smpl disagg, v calcar.,
less wh argill-calc
cyst than above, NS

Sh med gy brown-dark
brown, pred sb platy,
res-earthy, non-very
carb, mod silty in part
occ wh cyst

Coal pred all black,
very good blocky text
w/ conchoidal fracture
60-70% vit luster mic-
rolam w/ sb vit, gen
good clean coal

Ss gy wh, f gr, sb ang,
p-fr srt, firm, less
wh cyst than above, NS

Coal black-brown blk,
sb platy-blocky, approx
20% w/ vit luster, much
more carb than above,
more res-sb vit luster

Sltst lt gy, blocky,
calc, v hard, micromica,
tr carb material

Sh med gy-black, platy
-fis, v sli calc, firm,
carb-silty in part

Sh gy-gy brn, fis-sb
platy, silty, v sli calc
firm, only rare carb
material

Coal pred all black,
massive blocky texture
w/ conch frac, 70% vit
sme microlam w/ sb vit
generally clean coal,
best in well, break
contains freshwater
dol ls, dk brown, micro-
crptoxin, blocky, hard,
some contacts with
coal seen

TD sample—pred coal
as above & dark brown
carb Sh w/ ooc resin
cemented dirty Ss, some
oxidized weathered
surfaces present