

30-045-27136

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease
STATE ☒ FREE ☐
5. State Oil & Gas Lease No.
E-3150-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name NEBU	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		Agreement #I, Sec. 929	
2. Name of Operator Blackwood & Nichols Co., Ltd.		8. Name of Lease Name Northeast Blanco Unit	
3. Address of Operator P. O. Box 1237, Durango, CO 81302-1237		9. Well No. 447	
4. Location of Well UNIT LETTER K LOCATED 1455 FEET FROM THE South LINE		10. Field and Pool or Wildcat Undeveloped Fruitland Coal	
AND 1840 FEET FROM THE West LINE OF SEC. 36 TWP. 31N RGT. 8W NMPM		11. County San Juan	
19. Proposed Depth 3370'		19A. Formation Fruitland Coal	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, KI, etc.) 6436'	21A. Kind & Status Plug. Bond	21B. Drilling Contractor Unknown	22. Approx. Date Work will start November 15, 1988

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36.0# K-55	300'	200 sxs.	Circulate
8 3/4"	7"	23.0# K-55	3220' 3120'	(A)	Circulate
6 1/4"	5 1/2" liner	17.0# N-80	3120 - 3370'		

(A)- 450 sacks Howco lite plus
100 sacks Neat

Blackwood & Nichols proposes to drill a Fruitland Coal well to further develop the Northeast Blanco Unit. Seven inch casing will be top set above the coal zones using a low solids mud with sufficient weight for well control. Then an uncemented 5 1/2" liner will be set through the Fruitland Coal zones. Well control will be a 10" series 900 BOP, rotating head, and sufficient kill and bleed liner.

Attached you will find:

1. C-102
2. Proposed Access Map
3. Drilling Pad Layout
4. Map of Area Wells

Surface Ownership: State

RECEIVED
OCT 23 1988
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed William F. Clark Title Operations Manager Date October 26, 1988

(This space for State Use)

APPROVED BY Essie Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE 10-31-88

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

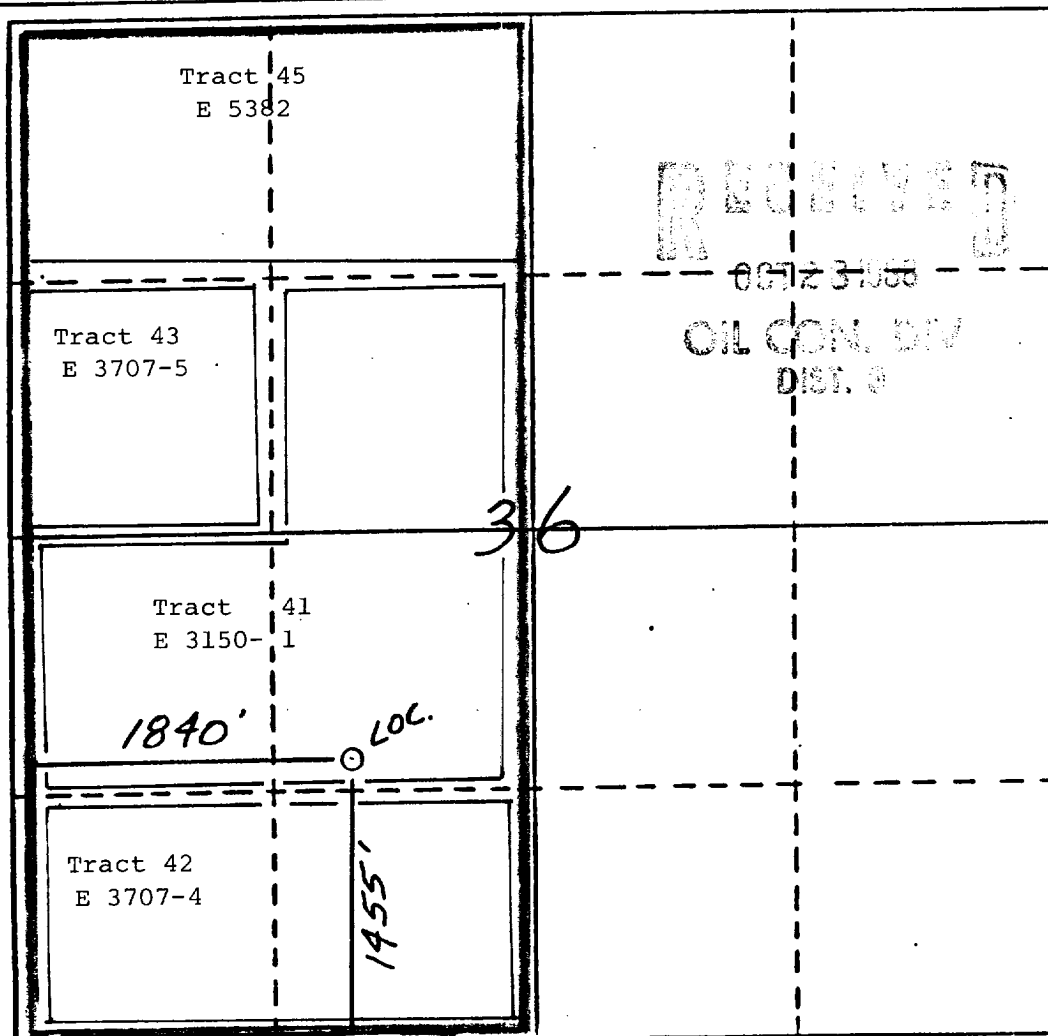
Operator Blackwood & Nichols Co., LTD.		Lease Northeast Blanco Unit		Well No. 447
Unit Letter K	Section 36	Township 31 North	Range 8 West	County San Juan
Actual Footage Location of Well: 1455 feet from the South line and 1840 feet from the West line				
Ground Level Elev. 6436	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320.0 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

William F. Clark
Name

William F. Clark

Position

Operations Manager

Company

Blackwood & Nichols Co.

Date

October 25, 1988

I hereby certify that the location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Neale C. Edwards
Date Surveyed

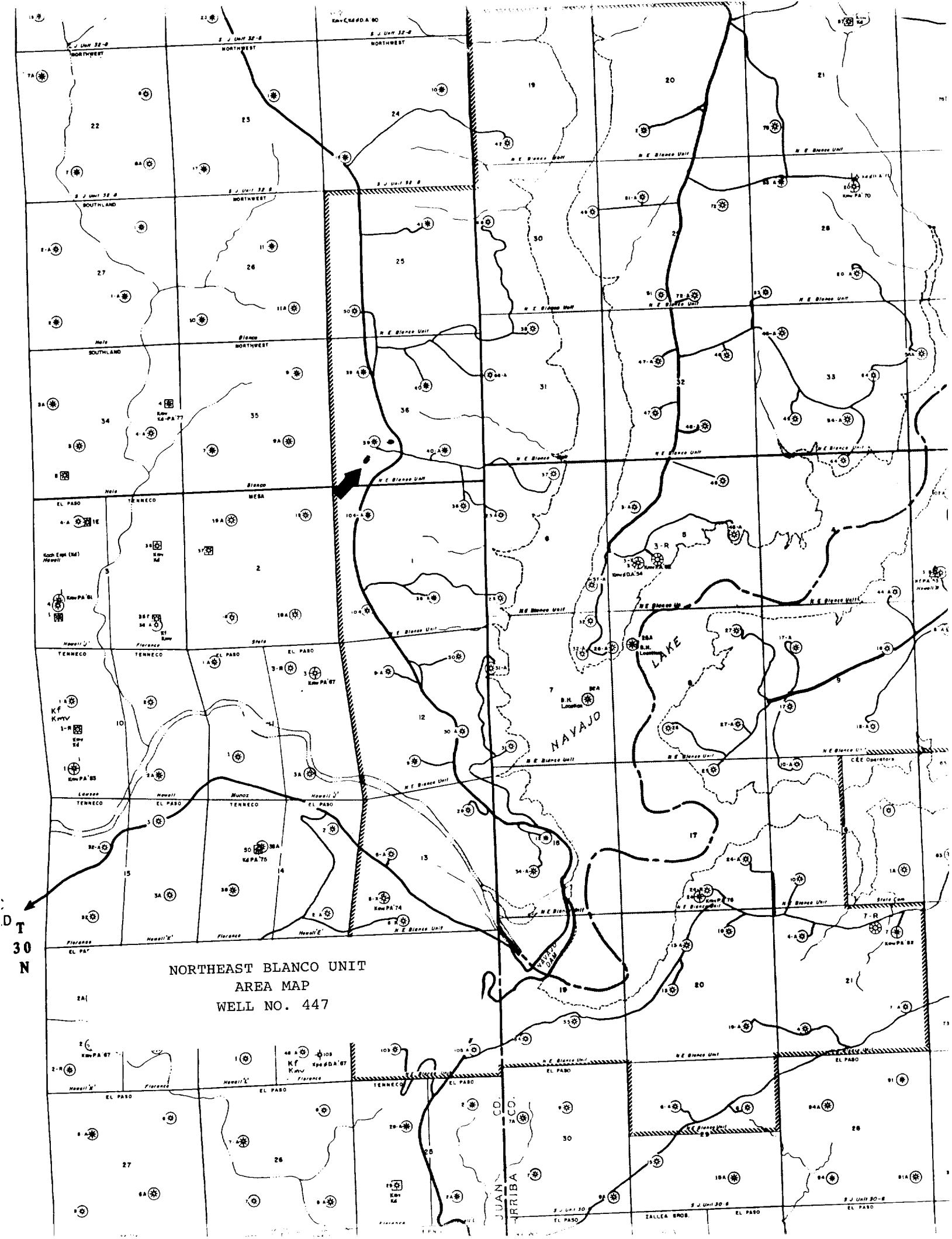
10-19-88

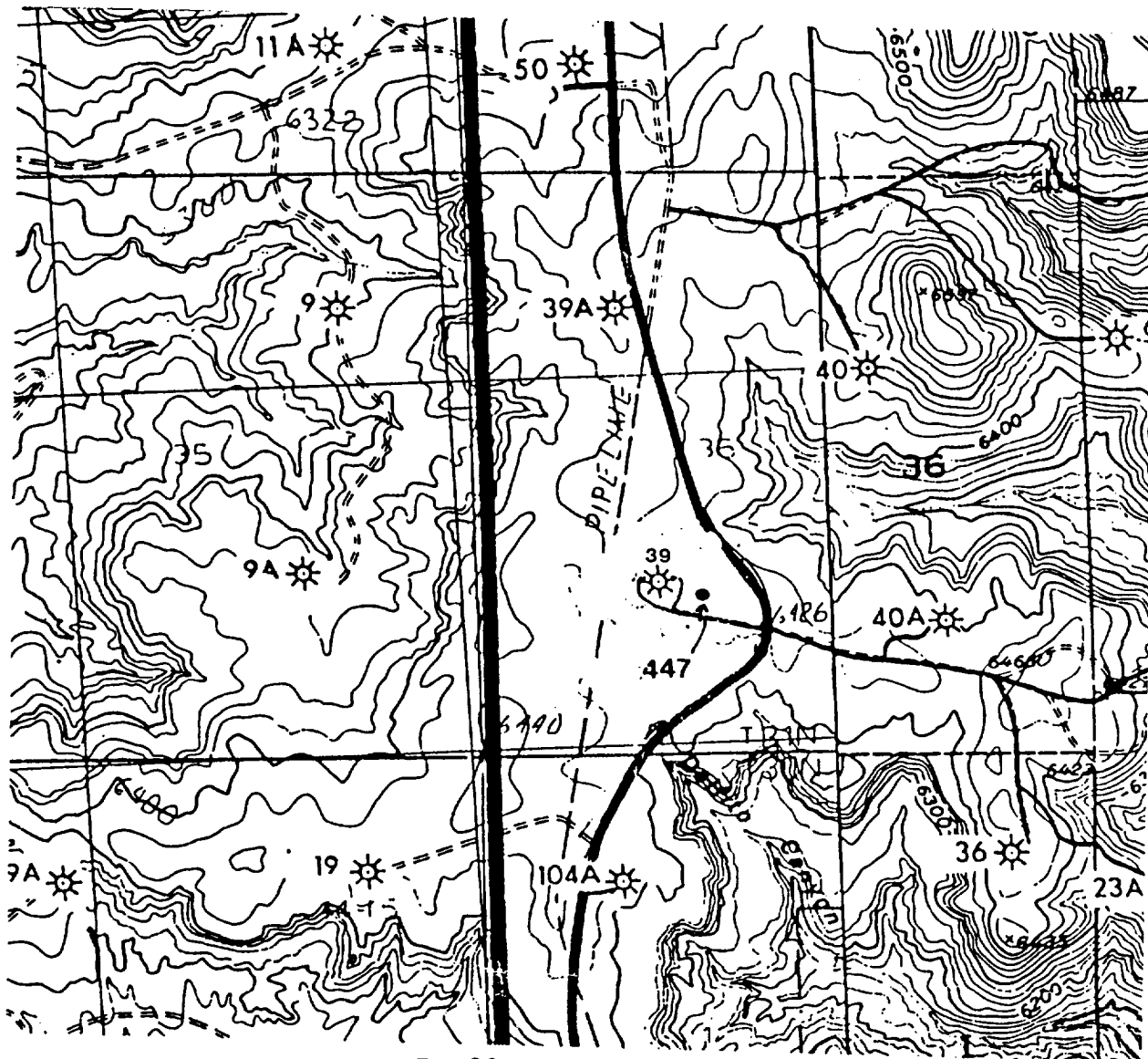
Registered Professional Engineer
and/or Land Surveyor

Neale C. Edwards

Certificate No.

6857





T. 31 N., R. 8 W., N.M.P.M.

Note: Construct approximately 100 feet
of new road to existing well road.

BLACKWOOD & NICHOLS CO., LTD.

V I C I N I T Y M A P
for
NORTHEAST BLANCO UNIT No. 447

Date: October, 1988

Scale: 1"=1562'

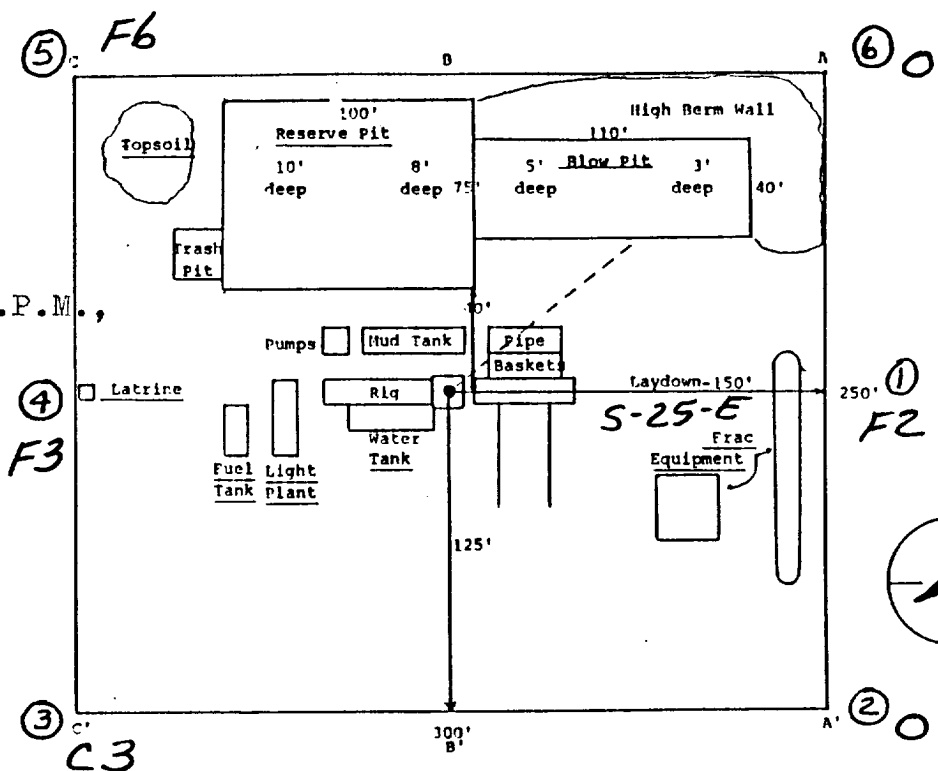
KROEGER & ASSOC.
DURANGO, COLO.

Blackwood & Nichols
Co., LTD.

Northeast Blanco Unit

#447

1455' FSL, 1840' FWL,
Sec.36, T31N, R8W, N.M.P.M.,
San Juan Co., N.M.

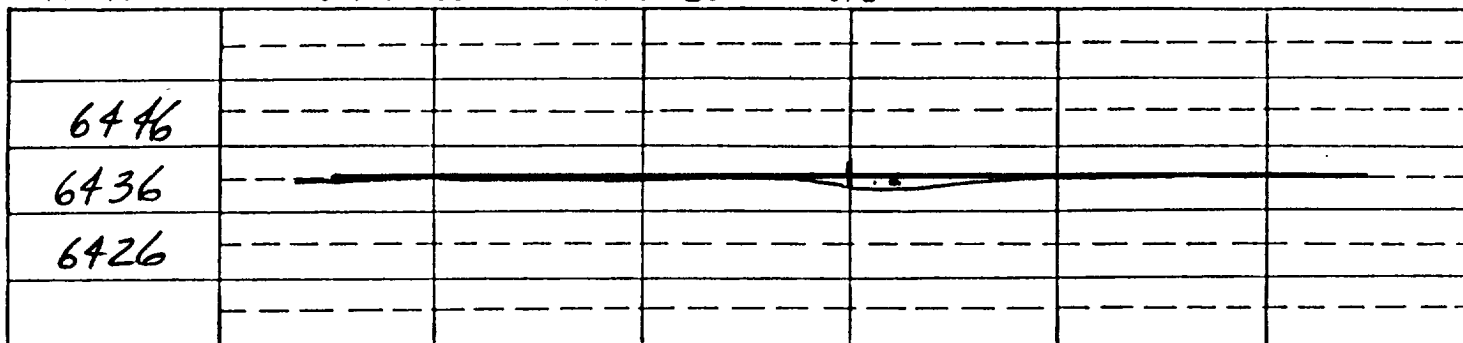


A - A'

Vert.: 1" = 30'

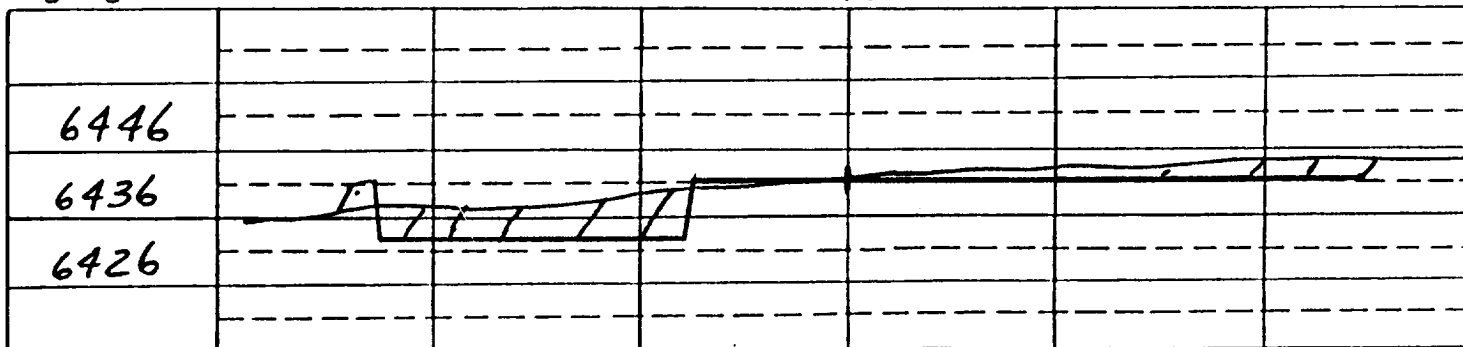
Horiz.: 1" = 50'

C/L



B - B'

C/L



C - C'

C/L

