

RECEIVED
MAR 31 1980
BLACKWOOD & NICHOLS Co., LTD.

P. O. BOX 1237 OIL CONSERVATION DIVISION
DURANGO, COLORADO 81301 SANTA FE

(303) 247-0728

March 27, 1980

Mr. Joe D. Ramey, Secretary-Director
New Mexico Energy Resources Board
c/o New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for non-standard
location, Northeast Blanco
Unit No. 31A

Dear Mr. Ramey:

As operator of the Northeast Blanco Unit, we are requesting administrative approval of a non-standard well location to be completed in the Mesaverde Formation.

We intend to drill the Northeast Blanco Unit Well No. 31A, an infill well, located 1770' F/NL - 10' F/WL, E-7-30N-8W, San Juan County, New Mexico.

This location is under the surface control of the New Mexico Park and Recreation Commission, United States Bureau of Land Management and Bureau of Reclamation, who were present and witnessed the surveying of the well site. It is located adjacent to a camping and picnic area, and is the most logical location agreeable to all parties.

All offset properties, are within the bounds of the Northeast Blanco Unit and will not present a drainage problem to any offset operator.

The proration unit dedicated to Well No. 31A was approved by Case No. 1008; Order No. R-752 containing 298.90 acres.

Very truly yours,

BLACKWOOD & NICHOLS CO., LTD.

DeLasso Loos
DeLasso Loos, District Manager

Attachments
DL:st

cc: New Mexico Oil Conservation Commission
Aztec, New Mexico
United States Geological Survey
Durango, Colorado

NSL - 1190
Rule 104 F
Immediate
No offsets
Blanco Mesaverde Geo Pool

BLACKWOOD & NICHOLS Co., LTD.

P. O. BOX 1237

DURANGO, COLORADO 81301

(303) 247-0728

April 22, 1980

Mr. R. L. Stamets
New Mexico Energy Resources Board
c/o New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

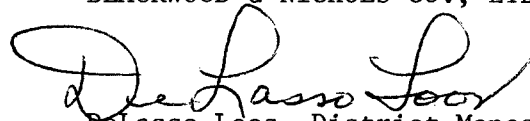
Re: Application for non-standard
location, Northeast Blanco
Unit No. 31A E-7-30N-7W

Dear Mr. Stamets:

Enclosed is a detailed plat showing the above non-standard location in relation to the adjoining New Mexico Park & Recreation Commission Camp sites, as requested in your letter dated March 31, 1980.

Very truly yours,

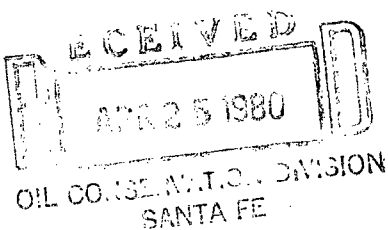
BLACKWOOD & NICHOLS CO., LTD.


DeLasso Loos, District Manager

Attachments

DL:st

cc: Mr. Frank Chavez
New Mexico Oil Conservation Div.
Aztec, New Mexico





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 31, 1980

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Blackwood & Nichols Co.
P. O. Box 1237
Durango, Colorado 81301

Re: Application for Non-Standard
Location: Northeast Blanco Unit
No. 31A Sec. 6, T-30-N, R-7-W,
San Juan County

We may not process the subject application for non-standard location until the required information or plats checked below (is)(are) submitted.

☒ A plat must be submitted clearly showing the ownership of the offsetting leases. (Re: camping and picnic area)

☐ A statement must be submitted that offset owners have been notified of the application by certified mail.

☐ A plat must be submitted fully identifying the topography necessitating the non-standard location.

☐ Other:

Very truly yours,

R. L. STAMETS
Technical Support Chief

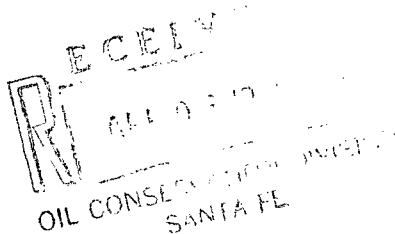
RLS/dr

OIL CONSERVATION COMMISSION
Alta DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE March 28, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated March 27, 1980
for the Blackwood and Nichols Co NEB21 #31A E-7-30N-7W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Frank S. Cherry

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

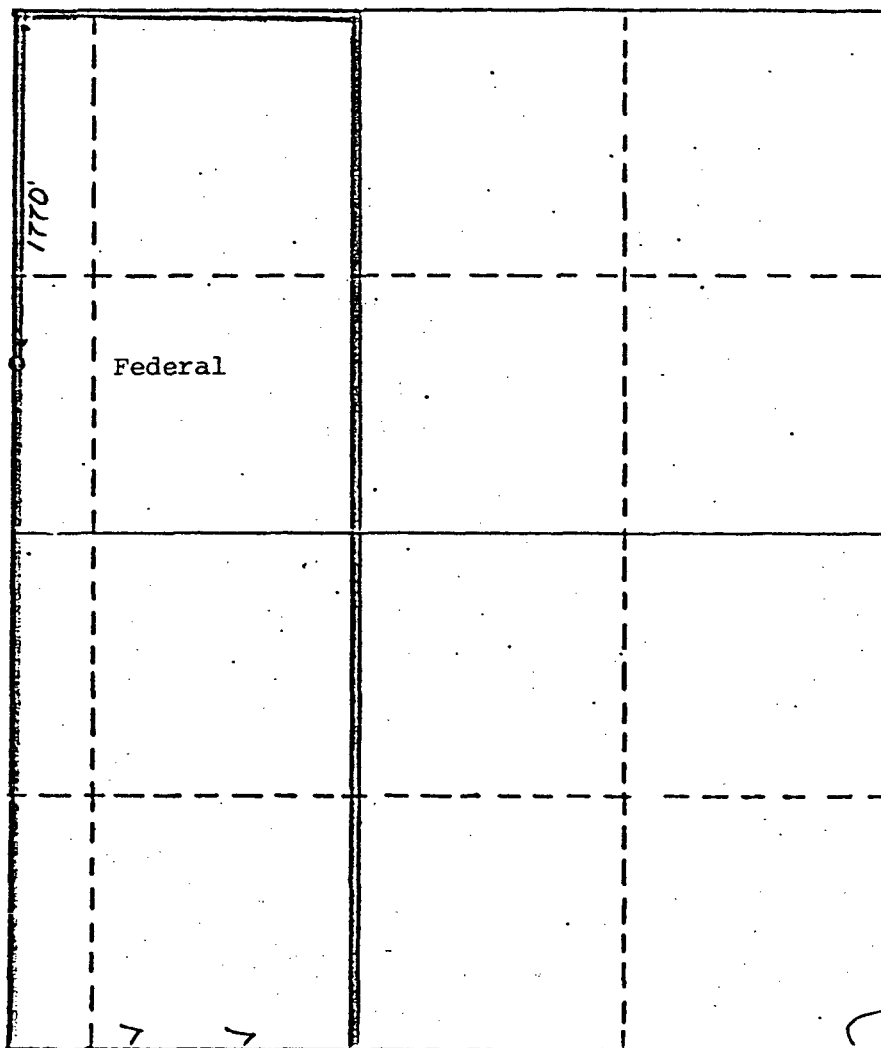
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 31A
Unit Letter E	Section 7	Township 30 N.	Range 7W., N.M.P.	County SANTA FE SAN JUAN	
Actual Footage Location of Well: 1770 feet from the north line and 10 feet from the west line					
Ground Level Elev: 6140 U.G.	Producing Formation Mesaverde	Pool Blanco-Mesaverde		Dedicated Acreage: 298.90 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 Unitization

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 Commission.



CERTIFICATION

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

DeLasso Loos

Name
DeLasso Loos

Position
District Manager

Company
Blackwood & Nichols Co., Inc.

Date
March 14, 1980

I hereby certify that the well 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.

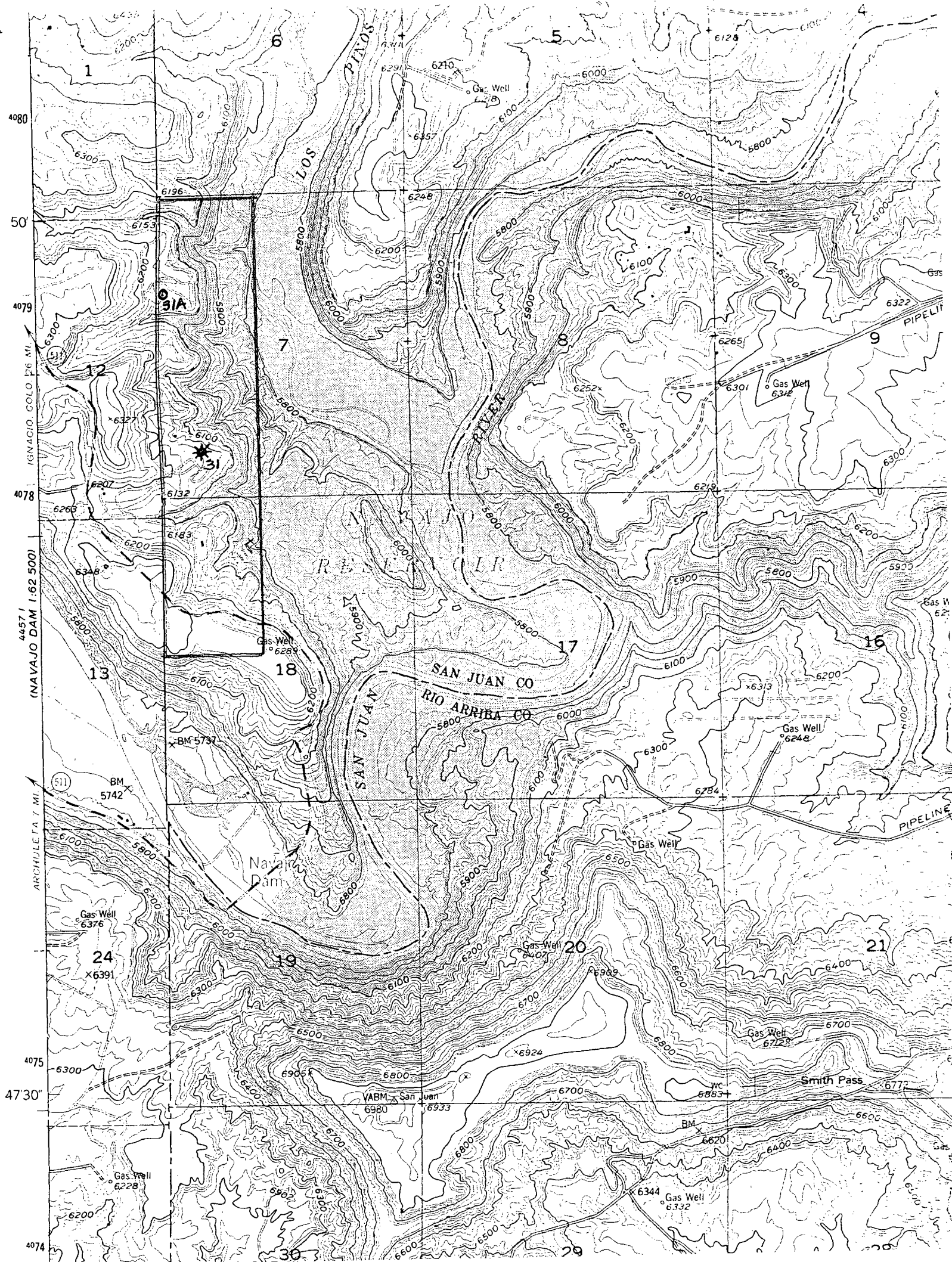
Date Surveyed
March 12, 1980

Registered Professional Engineer and/or Land Surveyor

John A. Krueger
John A. Krueger, RLS

Certificate No.
1941

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



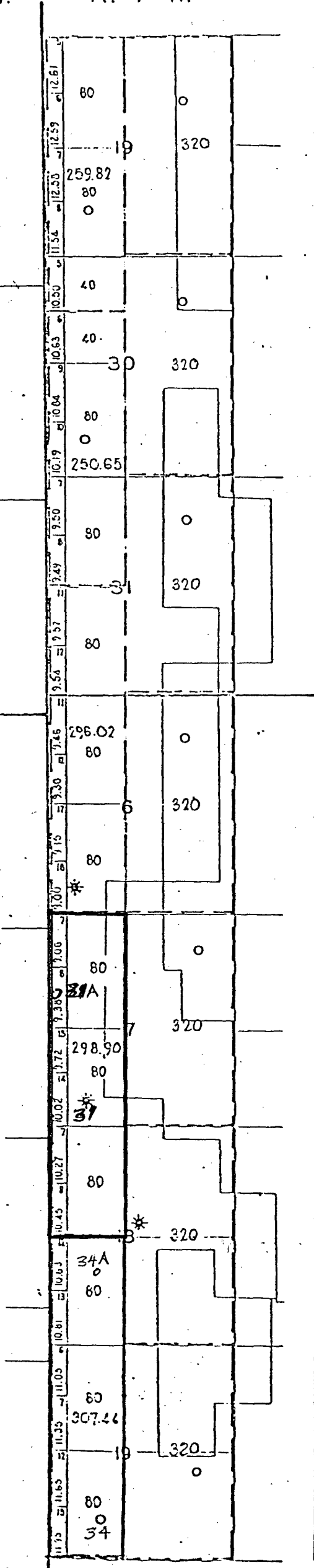
R. 8 W.

R. 7 W.

RECEIVED
OIL CO. OF CALIF. DIVISION
SANTA FE

T.
31
N.

T.
30
N.



—PORTION OF—
NORTHEAST
BLANCO
UNIT
SAN JUAN & RIO ARRIBA
COUNTIES
NEW MEXICO
• Completed Oil Well
○ Location or Drilling Well
◇ Dry Hole
⊠ Abandoned Location
★ Gas Well
SCALE: 1" = 3000' DAM SITE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Blackwood & Nichols Co., Ltd.

3. ADDRESS OF OPERATOR

P. O. Box 1237, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1770' F/NL - 10' F/WL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1779.91

17. NO. OF ACRES ASSIGNED
TO THIS WELL

298.90

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5725'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6140' GL

22. APPROX. DATE WORK WILL START*

June 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9-5/8"	36.00#	250'	Circulate
8 3/4"	7"	23.00#	3480'	Two stage to surface
6 1/4"	4-1/2" Liner	10.50#	5725'	Circulate to top of liner

We propose to perforate the Mesaverde Zone and sand-water fracture with 200,000 gals water and 200,000 lbs. sand in two stages. Estimated tops: Fruitland 2820', Lewis 3320', Cliffhouse 4915', Point Lookout 5275', and Mancos 5440'. A 3000 PSI WP; Series 10"-900-adapted to Series 10" - 600 and 6" - 600 hydraulic blowout preventer equipped with blind and necessary pipe rams will be used with adequate kill and bleed off lines. A mud of sufficient weight to control the Fruitland will be used, well to be drilled with gas below 7" casing.

Compensated Density Gamma-Neutron logs will be run in open hole.

Blow out preventers will be tested every trip.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Delasso LoosTITLE District ManagerDATE 3-18-80

(This space for Federal or State office use)

APPROVAL DATE _____

APPROVED BY 1081
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

OIL CONSERVATION DIVISION
SANTA FE

*See Instructions On Reverse Side