

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
RECEIVED
Santa Fe, New Mexico 87504-2088
AUG 21 1990
OIL CON. DIV.

API NO. (assigned by OCD on New Wells)
30-039-24466
5. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK	
1a. Type of Work:	7. Lease Name or Unit Agreement Name
DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐	Northeast Blanco Unit
b. Type of Well:	
OIL WELL ☐ GAS WELL ☒ OTHER ☐	8. Well No.
2. Name of Operator	475
Blackwood & Nichols Co., Ltd.	9. Pool name or Wildcat
3. Address of Operator	Basin Fruitland Coal
P.O. Box 1237, Durango, Colorado 81302-1237	
4. Well Location	
Unit Letter G : 2310' Feet From The North Line and 1760' Feet From The East Line	
Section J 1470' FSL - 1760' FEL	
Section 19 Township 30 North Range 7 West NMPM Rio Arriba County	

10. Proposed Depth	11. Formation	12. Rotary or C.T.
3180' TVD; 3722' MD	Fruitland Coal	Rotary
13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor
6292' GL	Statewide	NA
16. Approx. Date Work will start	October 1, 1990	
17. PROPOSED CASING AND CEMENT PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
12 1/4"	9 5/8"	36#
8 3/4"	7"	23#
6 1/4"	5 1/2"	17#
SETTING DEPTH		
625' TVD/625' MD		
2950' TVD/3564' MD		
2850' - 3180' TVD		
3464' - 3722' MD		
SACKS OF CEMENT		
738 cuft/circ to surface		
1138 cuft/circ to surface		
Uncemented		

Propose to spud in the San Jose formation. Will drill a 12 1/4" vertical hole to a TD of 625'. Run and cement 9 5/8" surface casing with cement returns to surface. WOC 12 hours. Test to 1000 psi/30 mins. Drill a 8 3/4" directional hole from under surface with fresh water mud at a build angle of approx. 5°/100' to max. angle of 59°. Hold that angle to a point which will allow a 5°/100' drop angle back to vertical at 2850' with a 1500' horizontal displacement. Drill vertically to 2950' TVD. No abnormal pressures or poisonous gases are anticipated Run and cement intermediate casing with cement returns to surface. WOC 12 hours. Test to 1500 psi/30 mins. Drill a 6 1/4" vertical hole to a TVD of 3180' using air and water. A mud logging unit will be used while drilling this interval. Run the production liner. The production liner will be cemented if fracture stimulation is necessary.

Surface is Bureau of Reclamation.

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.

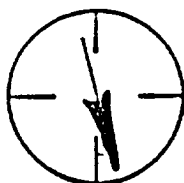
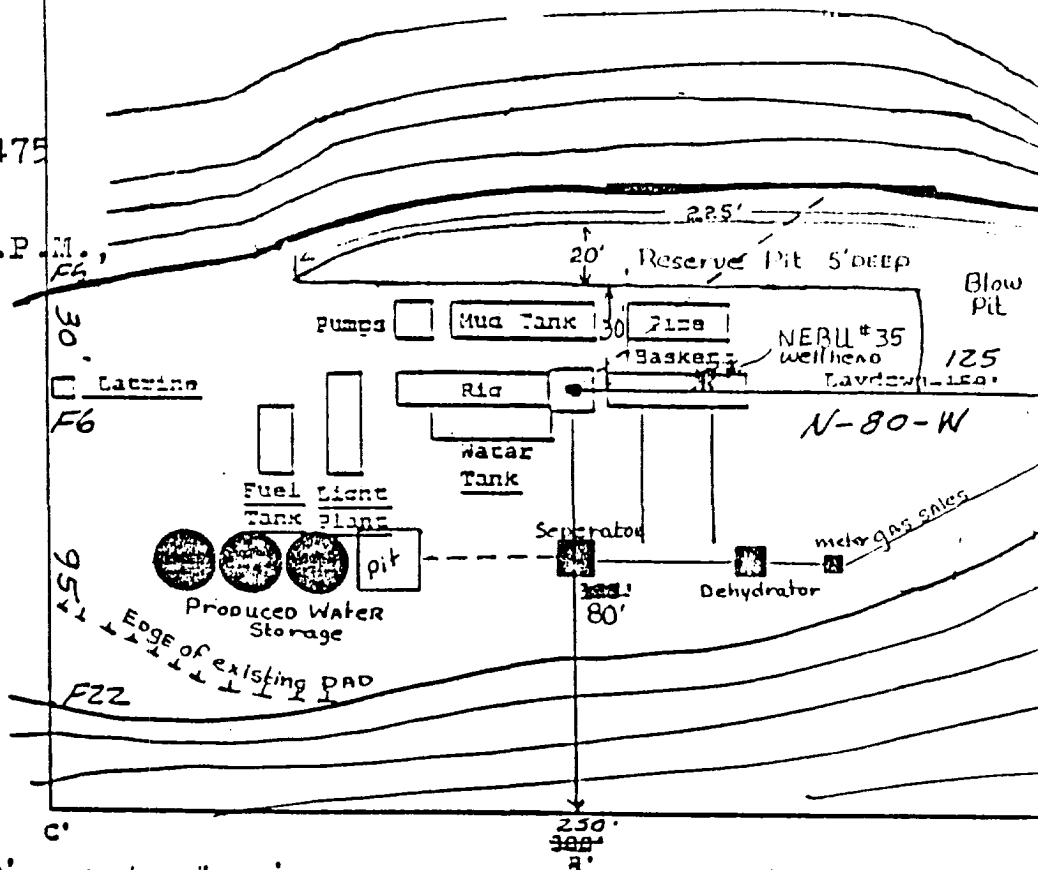
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE	R.W. Williams	TITLE	Administrative Manager	DATE	8/20/90
TYPE OR PRINT NAME	R.W. Williams	TELEPHONE NO.			

(This space for State Use)

APPROVED BY	Emilio Busch	TITLE	DEPUTY OIL & GAS INSPECTOR, DIST. #3	DATE	AUG 22 1990
CONDITIONS OF APPROVAL, IF ANY:		APPROVAL EXPIRES 2-22-91			
Hold C-104 For DD Approval		UNLESS DRILLING IS COMMENCED.			
		SPUD NOTICE MUST BE SUBMITTED			
		WITHIN 10 DAYS.			

1470' FSL, 1760' FEL,
Sec.19, T30N, R7W, N.M.P.,
Rio Arriba Co., N.M. FC



A - A'

Vert.: 1" = 10'

Horiz. : 1" : 50'

641

6302						
6292						
6282						

B - B'

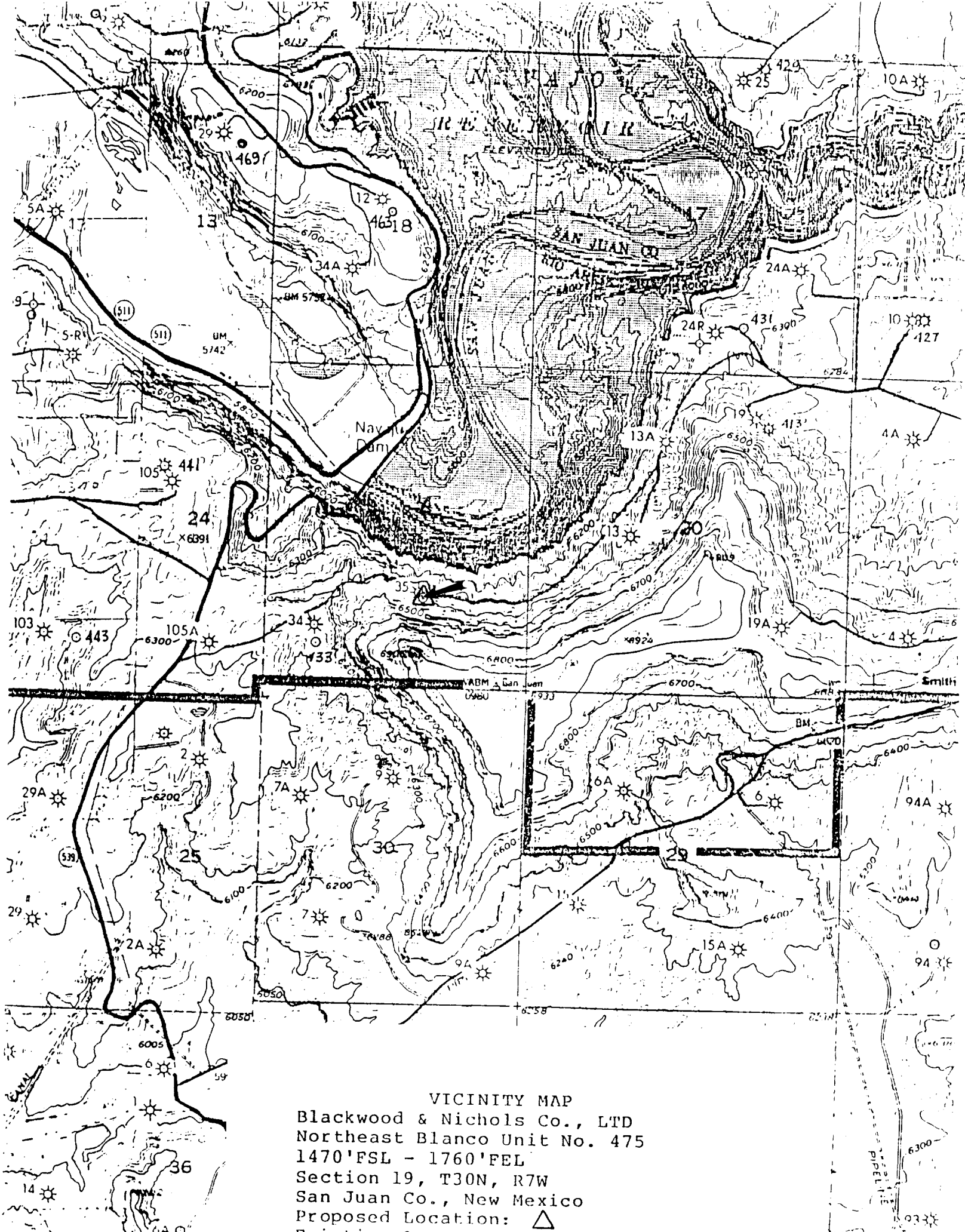
C/L

6302							
6292							
6282							

C - C'

C/L

6302	
6292	
1287	



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Santa Fe, New Mexico 87504-2088

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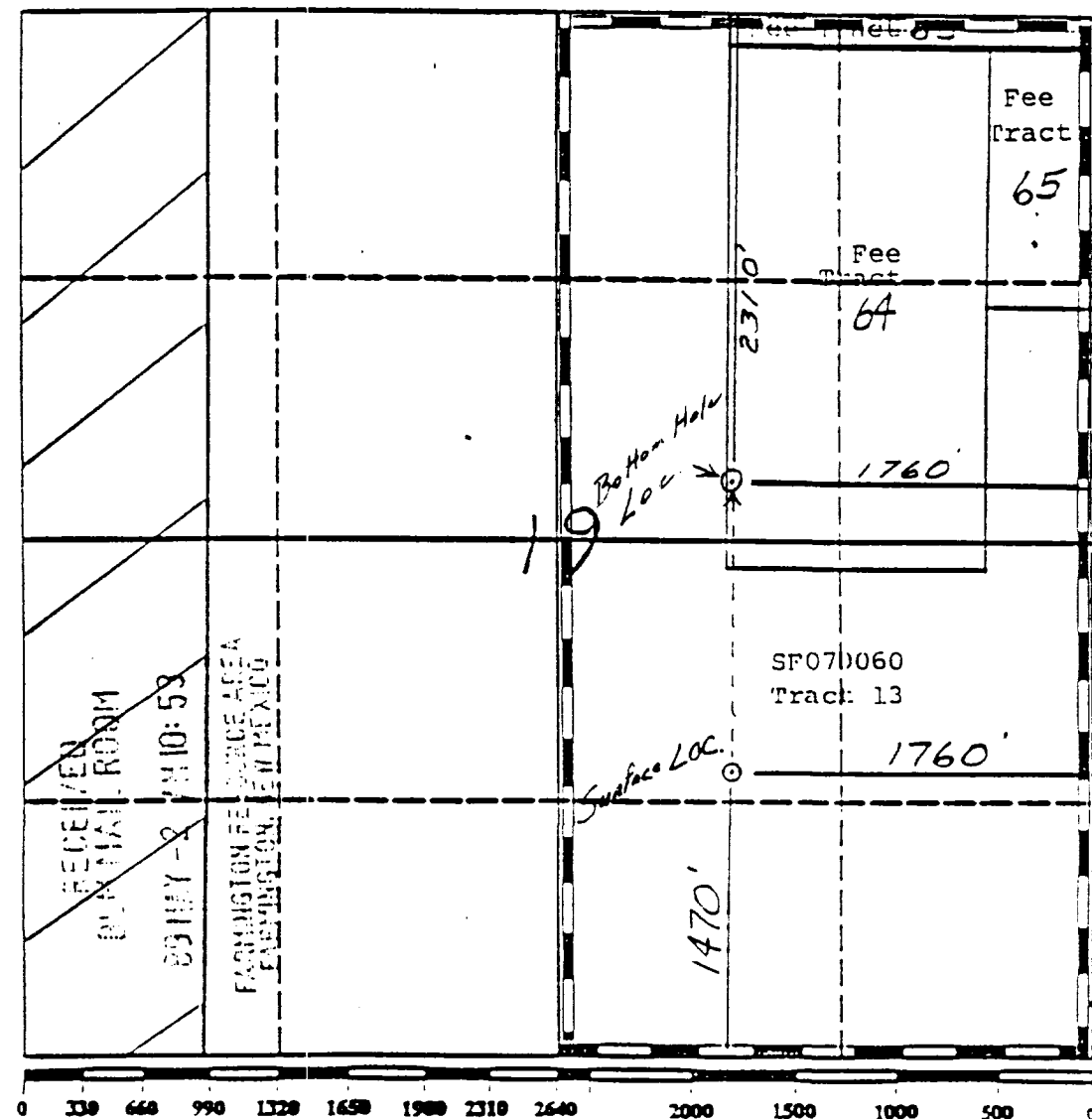
OIL CON. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section.

Operator Blackwood & Nichols Co., LTD.			Lease Northeast Blanco Unit		Well No. 475
Unit Letter J	Section 19	Township 30 North	Range 7 West	County NMFM Rio Arriba	
Actual Footage Location of Well: Bottom Hole; 2310' FNL - 1760' FEL					
Surface: 1470' feet from the South		line and 1760'		feet from the East line	
Ground level Elev. 6292'	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

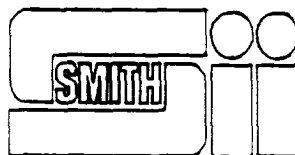
Signature
R.W. Williams
Printed Name
R.W. Williams
Position
Administrative Manager
Company
Blackwood & Nichols Co.
Date
8/20/90

SURVEYOR CERTIFICATION

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

Date Surveyed
Neale C. Edwards
Signature of Surveyor
Professional Surveyor
Certificate No.
6857

2 AUG 1990 @ 15:35



BLACKWOOD AND NICHOLS
N.E. BIANCO UNIT #475
SECTION-19-T30N-R7W
RIO ARRIBA COUNTY NEW MEXICO

VERTICAL PLAN
SCALE: 200 FEET/DIVISION

HORIZONTAL PLAN
SCALE: 300 FEET/DIVISION

SURFACE - SAN JOSE

9-5/8 CASING SET @ 625 MD

