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OPERATOR	/
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

RECEIVED

JUN 6 1977

Operator Union Oil Company of California	
Address P. O. Box 671 - Midland, Texas 79702	
D. C. C. ARTESIA, OFFICE	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐
Addition of Condensate Gatherer	

If change of ownership give name and address of previous owner _____

DESCRIPTION OF WELL AND LEASE

Lease Name Wersell Federal Com	Well No. I 4	Pool Name, including Formation Carlsbad South Morrow Gas	Kind of Lease State, Federal or Fee Federal	Lease No. 0454018
Location Unit Letter C ; 810 Feet From The North Line and 1,980 Feet From The West				
Line of Section 4 Township 22 South Range 27 East , NMPM, Eddy County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
The Permian Corporation	P. O. Box 1183, Houston, Texas 77061
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
Llano, Inc.	P. O. Box 1320, Hobbs, New Mexico 88240
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit C Sec. 4 Twp. 22S Rge. 27E	Yes February 15, 1974

If this production is commingled with that from any other lease or pool, give commingling order number: _____

7. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth			
Perforations			Depth Casing Shoe					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


John Tyler
 District Production Superintendent
 (Title)
 June 3, 1977
 (Date)

OIL CONSERVATION COMMISSION
 APPROVED **JUN 6 1977**
 BY **W. A. Gussert**
 TITLE **SUPERVISOR, DISTRICT E**

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiply completed wells.

DATE August 28, 1980 RECEIVED

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

SEP 29 1980

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

O. C. D.
ARTESIA OFFICE

Date of Connection _____ Date of First Allowable or Allowable Change _____
Purchaser Llano, Incorporated ✓ Pool Carlsbad Morrow
Operator Union Oil Co Of California Lease Wersell Fed. Com.
Well No. 1 Unit Letter C Sec. 4 Twp. 22S Range 27E
Dedicated Acreage _____ Revised Acreage _____ Difference _____
Acreage Factor _____ Revised Acreage Factor _____ Difference _____
Deliverability _____ Revised Deliverability _____ Difference _____
A x D Factor _____ Revised A x D Factor _____ Difference _____

C. M. Roybal

OCD District No. 4

To correct production

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April						
May						
June						
July				480	440	40-
August						
September						
October						
November						
December						
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS						
Allowable Production Difference						
July Schedule O/U Status						
Revised July O/U Status						
				Effective In Oct. Schedule		
				Current Classification M To		

Note: All gas volumes are in MCF @ 15.025 psia.

JOE D. RAMEY, Division Director

By

Harold Garcia

NEW MEXICO
OIL CONSERVATION DIVISION
P. O. DRAWER DD
ARTESIA, NEW MEXICO
88210

RECEIVED
OCT 14 1982
O. C. D.
ARTESIA, OFFICE

Date October 11, 1982

NOTICE OF LLANO'S GAS DISCONNECTION:

OPERATOR: Union Oil Company ✓
LEASE: Wersell Federal
WELL NUMBER AND UNIT: 1 C
LOCATION: 4-22S-27E
POOL: South Carlsbad Morrow
DATE WELL DISCONNECTED: September 30, 1982
LLANO'S STATION NUMBER: 83

LLANO, INC.
TRANSPORTER

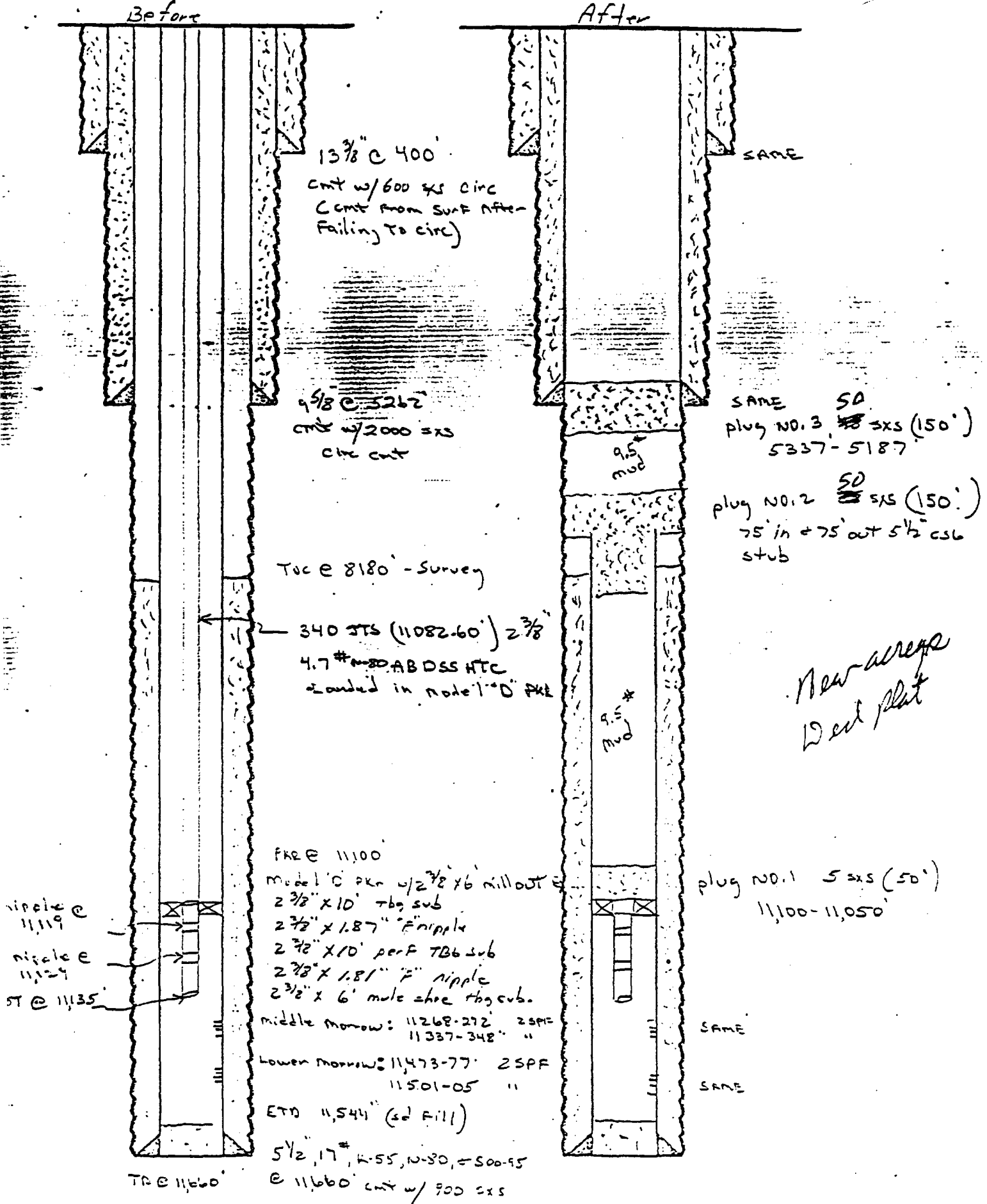

REPRESENTATIVE
AL KLAAR

VICE PRESIDENT-ENGINEERING
TITLE

xc: Oil Conservation Division, Box 2088, Santa Fe, New Mexico 87501

Before

After



7. Perf & test the following intervals separately using straddle assembly:
- Perf 4458-66' w/4" DP csg gun w/1 SPF. Break down w/perf acid. Swab & evaluate. If necessary acidize, swab & evaluate. If productive put well on prod. If not proceed to Step "B".
 - Spot acid & perf 4392-96' w/4" DP csg gun w/1-SPF. Break down w/perf acid. Swab & evaluate.
 - Spot acid & perf 4298-4314' w/4" DP csg gun w/1-SPF. Break down w/perf acid. Swab & evaluate.
 - Spot acid & perf 3838-89' & 3896-3910' w/4" DP csg gun w/1-SPF. Break down w/perf acid. Swab & evaluate.
 - If necessary acidize perfs 3883-4396' w/2200 gals 7-1/2% MSA using 55 BS spaced evenly to divert. Rate 3-4 BPM, max pres 2500 psi. Swab & evaluate. If not productive, run cmt ret & sqz perfs 3883-4466' & proceed w/Step 8. If productive place well on prod.
8. Spot 15% MSA 3480-3280'. Perf 3469-78' w/4" DP csg gun w/1-SPF. Break down w/perf acid Swab & evaluate. Acidize if necessary w/500 gals 7-1/2% MSA.
9. If productive place well on prod. If not, run cmt ret & sqz perfs 3469-78'.
10. Spot 15% MSA 3290-3090'. Perf 3267-82' w/4" DP csg gun w/1 SPF. Break down w/perf acid Swab & evaluate. Acidize if necessary w/750 gals 7-1/2% MSA.
11. If productive place well on prod. If not, run cmt ret & sqz perfs 3267-82', temporarily abandon.

FORM CR-MID
8-73 (REV 4-74)

Edgy
Bill Gr

UNION OIL COMPANY OF CALIFORNIA
CENTRAL REGION
MIDLAND - DISTRICT
CONDITION OF HOLE & PROCEDURE

Dist. Prod. Supt. *Lidh*
Dist. Engineer
Dist. Drlg. Supt. *Qut*
Dist. Ops. Mgr.

24 hrs - Artesia USG.
DATE: 3-19-81 *John Wade*

FIELD South Carlsbad (Morrow) AREA Odessa

LEASE/UNIT WERSELL FEDERAL COMP. WELL NO. 1

REASON FOR WORK: To plug back & recomplete potential productive pay in the Delaware.

CONDITION OF HOLE:

TOTAL DEPTH: 11,660' ~~RTD or~~ ~~PRTD:~~ 11,544' perm DATUM IS 17.4' ABOVE GL

CASING RECORD: 13-3/8" @ 400' cmt w/600 sxs - Circ
9-5/8" 40# N-80 @ 5262' cmt w/2000 sxs - Circ
5-1/2" 17# K-55 N-80 & S00-95 @ 11,660' cmt w/900 sxs
TOC by survey @ 8180'

PERFORATIONS: Middle Morrow: 11,268-272' 2 SPF
" " 11,337-348' " "
Lower Morrow: 11,473-77' " "
" " 11,501-05' " "

TUBING DETAIL: 340 jts (11,082.60') 2-3/8" N-80 4.7# AB DSS HTC land in Model "D" pkr @ 11,100'. See schematic for detail below Model "D" pkr

ROD & PUMP DETAIL: None

PROCEDURE:

1. MI RU PU. Set plug in top "F" nipple (1.87") @ 11,119'. Test plug to 3000 psi.
2. POH w/tbg.
3. Spot 5 sxs cmt (50 linear ft) on Model "D" pkr.
4. Free point & pull 5-1/2" csg (TOC by temp survey @ 8180') @ 8000'.
5. Spot cmt Plug No. 2 50 sxs (200' linear ft) 100' in & 100' out of 5-1/2" csg stub @ approx 800'.
6. Spot 9.5 ppg mud 7925-5300'. Spot cmt Plug No. 3 ⁵⁰ sxs (150 linear ft) 75' in & 75' out 9-5/8" intermediate csg 5337-5187'. POH & WOC. Tag cmt plug. Circ hole clean. Displace hole w/6% KCL wtr. Spot 15% MSA 4470-4270'.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION FORM

Form O-111
Supersedes O-110
Effective 1-1-68

All distances must be from the outer boundaries of the Section

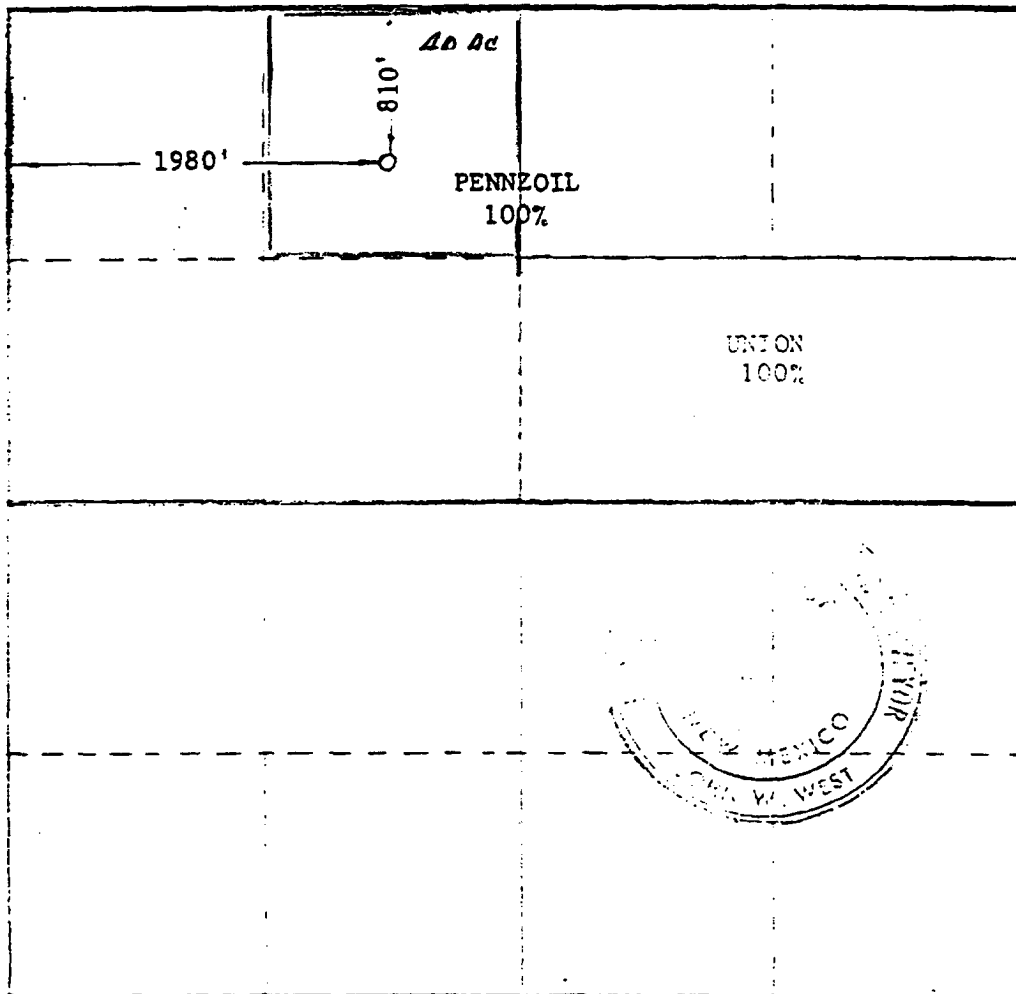
P. 10177 UNION OIL COMPANY OF CALIFORNIA			Lease WERSELL FEDERAL		Acres 1
Section C	Section 4	Township 22 SOUTH	Range 27 EAST	County EDDY	
Approximate Location of Well:					
810 feet from the NORTH		1980 feet from the WEST			
Surface Level Elev. 3218'	Producing Formation Delaware	Pool Wildcat Delaware	Acreage 40		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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? Only one lease dedicated

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. List 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.

D. D. Szymon
District Drilling Supt.
Union Oil Co. of California

June 20, 1973

RECEIVED
JUN 21 1973
shown on this plat was...
notes...
under the supervision of...
is true and correct to the best of my knowledge and belief.

DATE RECEIVED
JUNE 7, 1973

John A. West