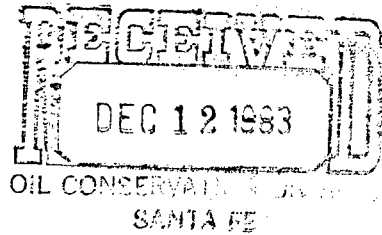


LOUISIANA HUNT PETROLEUM CORPORATION

406 N. BIG SPRING
MIDLAND, TEXAS 79701
December 7, 1983



Application for Exception to
Statewide Rule No. 303-A to
Downhole Commingle Production
from the Blinebry and Drinkard
Pools of the Mittie Weatherly
Well No. 2, Lea Co., New Mexico

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Stogner

Gentlemen:

We respectfully request administrative approval, subject to twenty (20) day waiting period, to down-hole commingle production from the Blinebry and Drinkard Pools in N. B. Hunt's Mittie Weatherly #2 well located in Unit D, 660' FNL and 660' FWL of Section 21, TWP 21-S, Rge 37-E, Lea Co., New Mexico. The following is the pertinent data available on the well:

- 1.) The Blinebry was potentialed on 12-02-83 and is currently the only zone being produced in the well. The Drinkard formation is temporarily plugged off utilizing a tubing plug in the "R" nipple in the production tubing string (see attached well diagram). The completion intervals for each zone are as follows:

Blinebry - 5,639' - 5,806' (selective)

Drinkard - 6,280' - 6,318' (selective)

Note: The plug will be removed after approval has been granted to downhole commingle the Blinebry and Drinkard formations.

- 2.) Both the Blinebry and Drinkard zones are classified as oil reservoirs.
- 3.) The combined daily production from these zones does not exceed the 40 BOPD limitation provided for by the deepest perforations in the lower zone.
- 4.) Attached for your reference is the production history for the Drinkard formation in the current productive intervals.
- 5.) There will be no significant difference in the price of the commingled gas and oil. Royalty and working interest ownership is common to both zones.

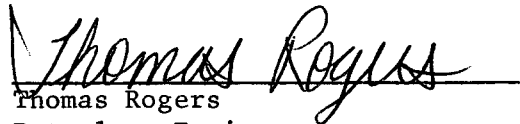
- 6.) Offset operators were sent a copy of Form C-103 as a notice of our application for administrative approval to down-hole commingle these zones.
- 7.) The estimated bottom hole pressure for each zone is as follows:
 Blinebry - 400
 Drinkard - 360
- 8.) The Blinebry zone was potentialed on 12-02-83 at 15 BOPD, 382 MCFGD, and 26 BWPD. The latest test on the Drinkard before the Blinebry workover was 9 BOPD, 149 MCFGD, and 12 BWPD. Based on these production figures, 63% of oil production and 72% of gas production should be allocated to the Blinebry, and 37% of oil production and 28% of gas production will be allocated to the Drinkard formation.

The Weatherly #2D was originally completed on 7-8-47 in the Drinkard formation. In May of 1971, the Drinkard formation was plugged off utilizing a CIBP at 3,860'. The Grayburg formation was perforated (3738'-3790') and produced until February of 1983. At that time, the Drinkard formation was perforated in several new intervals and the well was completed as a single completion with the depleted Grayburg perforations remaining unsqueezed.

A recent workover in November of 1983 resulted in the Grayburg perforations being squeezed off with 100 sacks cement and the Blinebry formation perforated and fractured.

N. B. Hunt requests permission to downhole commingle the Blinebry and Drinkard zones in the Weatherly #2D utilizing one common production tubing string. There exists 4 other N. B. Hunt wells that are currently commingled downhole on the Weatherly lease.

Respectively submitted,


Thomas Rogers
Petroleum Engineer

TR/bsb

Attach.

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator N. B. HUNT	8. Farm or Lease Name WEATHERLY
3. Address of Operator 406 N. BIG SPRINGS MIDLAND, TEXAS 79701	9. Well No. 2
4. Location of Well UNIT LETTER D 660 FEET FROM THE NORTH LINE AND 660 FEET FROM THE WEST LINE, SECTION 21 TOWNSHIP 21S RANGE 37E N.M.P.M.	10. Field and Pool, or Wildcat EUNICE DRINKARD & BLINEBRY
15. Elevation (Show whether DF, RT, GR, etc.) DF 3474' GR 3465'	12. County LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER DOWNHOLE COMMINGLE ☒	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

IN ACCORDANCE WITH THE OIL CONSERVATION DIVISION OF NEW MEXICO, WE ARE NOTIFYING ALL OFFSET OPERATORS OF OUR INTENTIONS TO DOWNHOLE COMMINGLE PRODUCTION FROM THE DRINKARD AND BLINEBRY ZONES.

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

SIGNED Thomas Rogers TITLE PETROLEUM ENGINEER DATE 12-01-83

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-116
Revised 10-1-78

GAS - OIL RATIO TESTS

Operator		Pool		County												
N. B. HUNT		BLINEBRY & DRINKARD		LEA COUNTY, NEW MEXICO												
Address		TYPE OF TEST - (X)		Completion ☒ Scheduled ☐		Special ☐										
406 N. BIG SPRINGS MIDLAND, TEXAS 79701																
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./BBL.			
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.	
WEATHERLY BLINEBRY ZONE	2	D	21	21S	37E	11-30-83	P	64/64	50	15	24	26	37	15	382	25,467
WEATHERLY DRINKARD ZONE	2	D	21	21S	37E	10-29-83*	P	64/64	25	32	24	12	37.5	9	149	16,333
PRODUCTION PERCENTAGE BLINEBRY - OIL - 63% GAS 72% DRINKARD - OIL - 37% GAS 28%																
*LAST PRODUCTION BEFORE BLINEBRY WORKOVER																

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the District Office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

Thomas Rogers
(Signature)
PETROLEUM ENGINEER

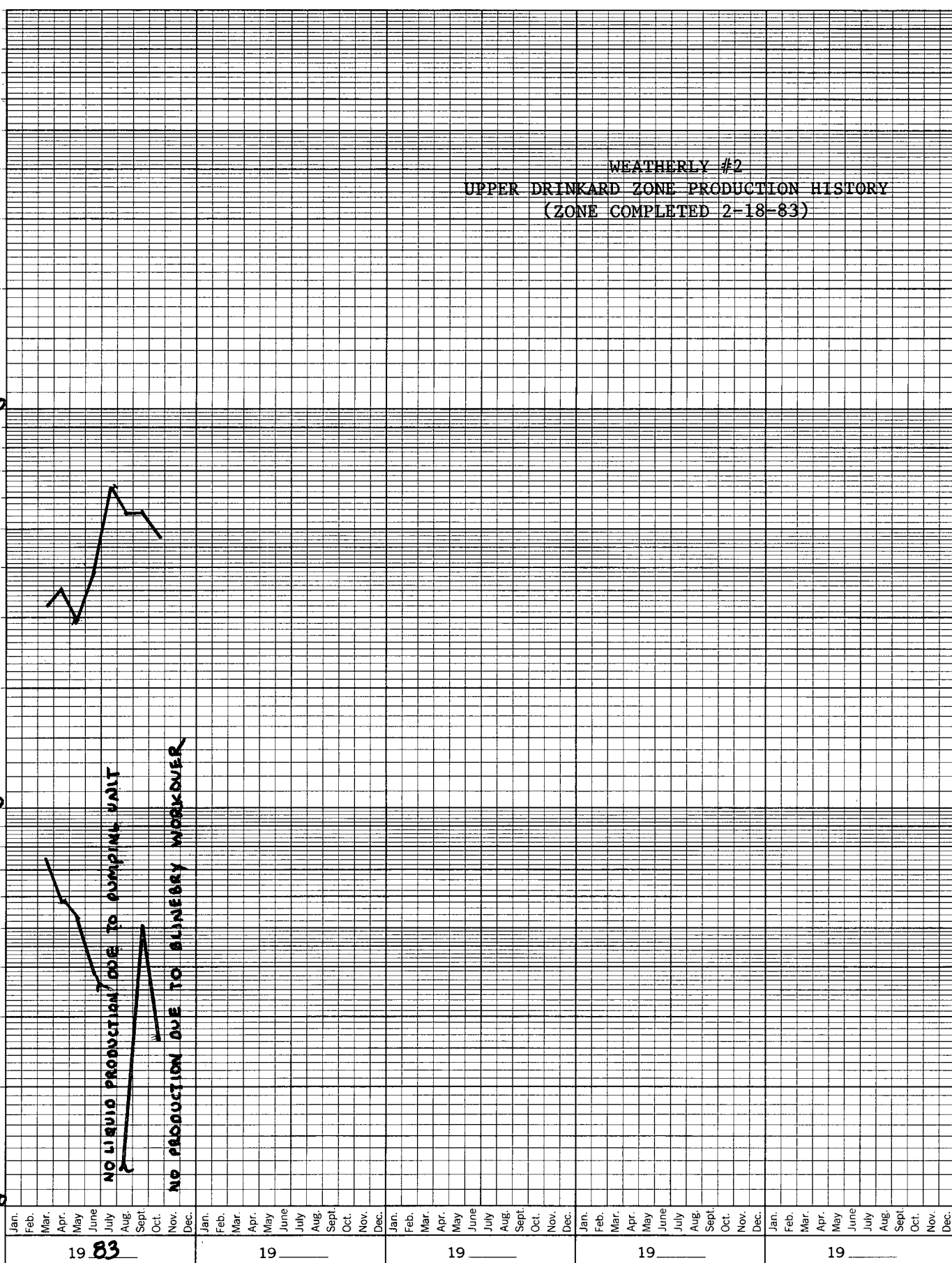
12/07/83 (Date)

(Date)

46 6690

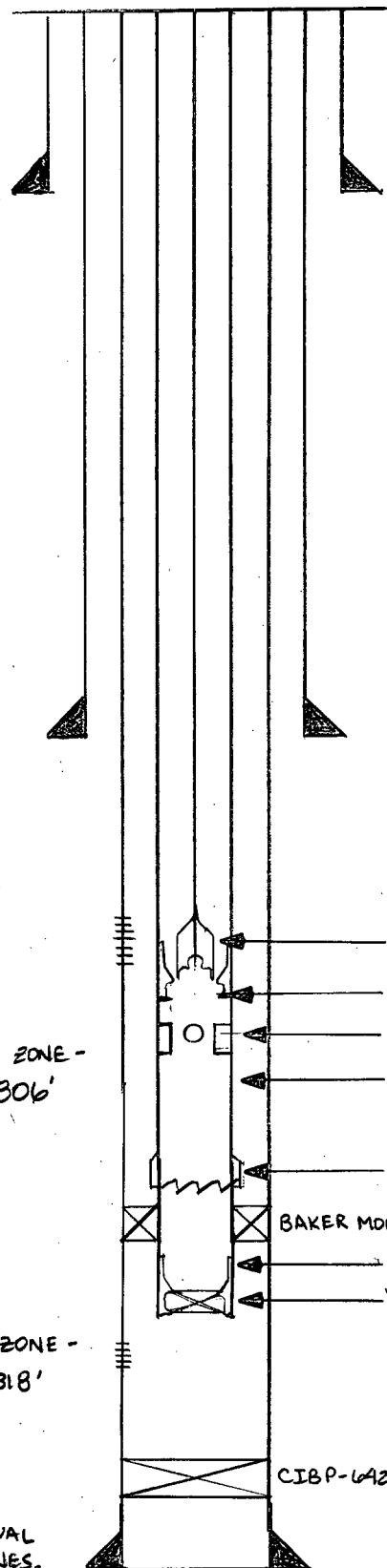
GAS PRODUCTION (MCFGM)

OIL PRODUCTION (BOPM)



N. B. HUNT

WEATHERLY #20



SURFACE -
12 1/2 29# @ 280'

INTERMEDIATE -
8 7/8 24# H-40 @ 2890

BLINEBRY ZONE -
5639-5806'

DRINKARD ZONE -
6280-6318'

ROD PUMP
F-NIPPLE w/ pump SEATED @ 5887
SLIDING SLEEVE
7 JTS 2 7/8 TUBING
ON-OFF TOOL w/ PROFILE NIPPLE
BAKER MODEL "D" PACKER @ 6100'
2-10' PUP JTS
R-NIPPLE w/ PLUG#

CIBP-6420'

* PLUG IN "R" NIPPLE WILL BE
PULLED AFTER NMOCC APPROVAL
TO COMBINE THE TWO ZONES.

PRODUCTION -
5 1/2 17# J-55 @ 6629'

T.R. 12-02-03

42-381 50 SHEETS 3 SQUARE
42-382 100 SHEETS 3 SQUARE
42-383 100 SHEETS 3 SQUARE
42-384 100 SHEETS 3 SQUARE
MADE IN U.S.A.



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

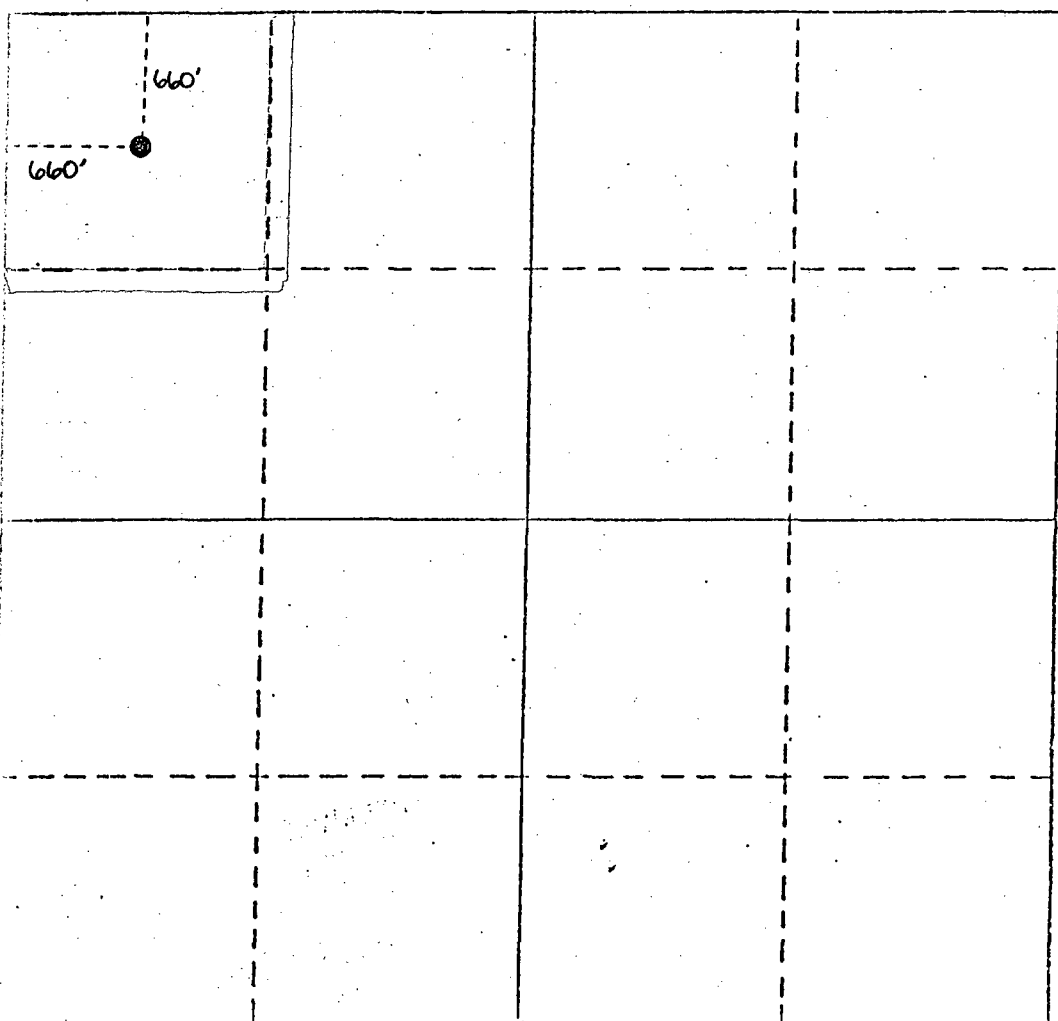
Operator N. B. HUNT		Lease WEATHERLY		Well No. 2	
Unit Letter D	Section 21	Township 21S	Range 37E	County LEA	
Actual Postage Location of Well:					
660 feet from the NORTH line and		660 feet from the WEST line			
Ground Level Elev. 3465	Producing Formation DRINKARK & BLINEBRY		Pool DRINKARD & BLINEBRY		Dedicated Acreage: 40 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 _____

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.

Name Thomas Rogers
Position
PETROLEUM ENGINEER
Company
N. B. HUNT
Date
12/2/83

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.

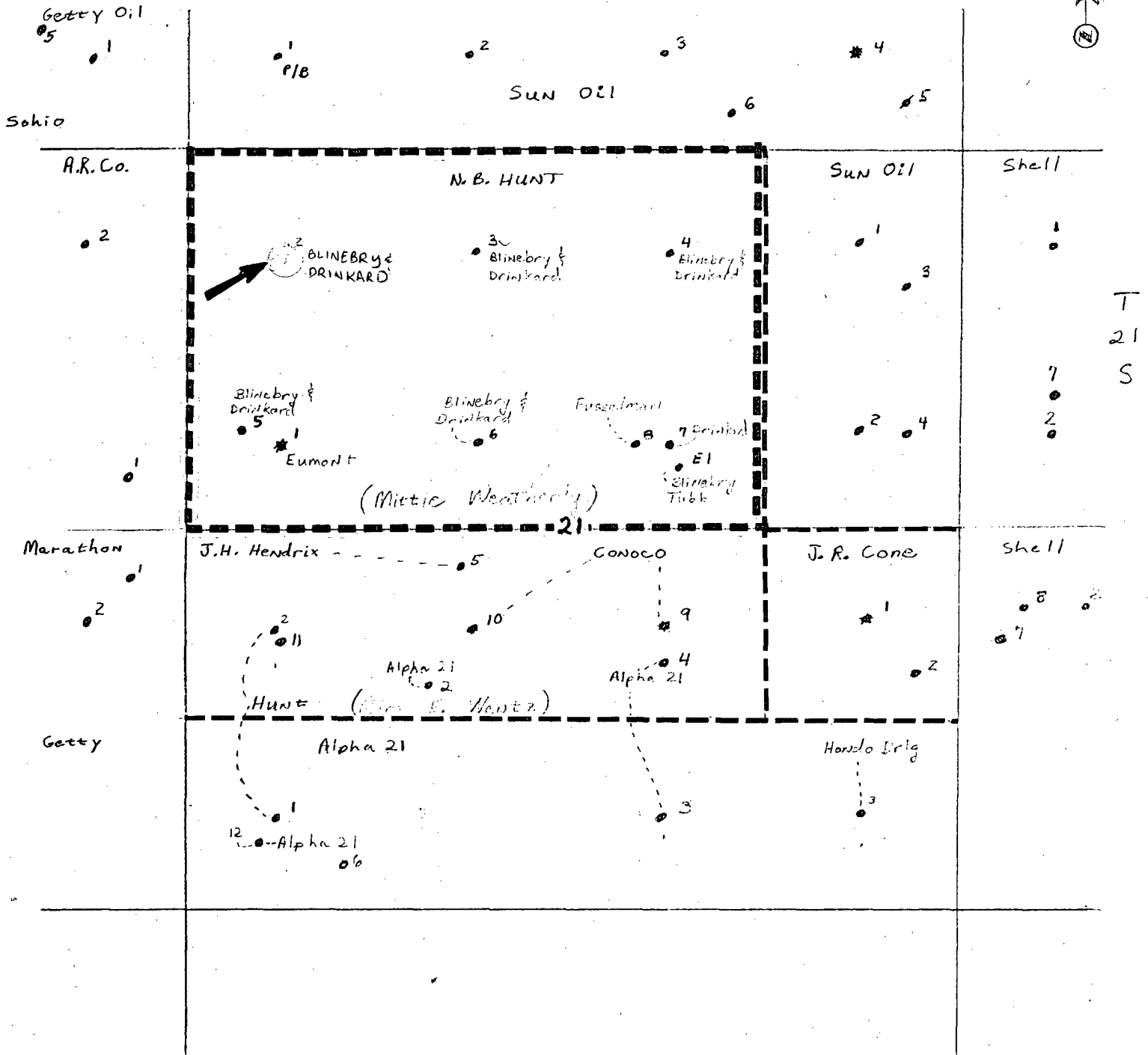
Date Surveyed _____

Registered Professional Engineer
and/or Land Surveyor _____

Certificate No. _____

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

R-37-E



HUNT ENERGY CORP
406 N. Big Spring
Midland, Texas

N.B. HUNT
MITTIE WEATHERLY #2

6-1-82

Lea Co. New Mexico