

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☐ Offset Operators, Leaseholders or Surface Owner  
 [C] ☐ Application is One Which Requires Published Legal Notice  
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 e-mail Address \_\_\_\_\_



**RANGE OPERATING NEW MEXICO, INC.**

*777 Main St. - Suite 800  
Santa Fe, N.M., TX*

November 14, 2005

*76/02*

State of New Mexico  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attn: Michael Stogner

Re: New Mexico M State #52 Unorthodox Location  
Section 18-T22S-R37E  
Lea County, NM

RECEIVED

NOV 15 2005

OIL CONSERVATION  
DIVISION

Michael,

Range requests administrative approval of an unorthodox location for the subject well located as follows:

1,420' FSL & 2,310' FEL  
Unit J, Section 18-T22S-R37E

This request places the subject well 110' from the south boundary of Unit J (40-acre tract) in lieu of 330' from the boundary line as per field rules for the Drinkard pool (19190). The subject well will be drilled to a TD of 6,800' to test the Drinkard formation.

Range's New Mexico M State lease covers the SE/4 of Section 18 with common ownership in the 160 acres from the top of the San Andres to a depth of 6,730' from surface. As a result, the requested location which is 110' FSL does not encroach upon any outside parties.

Range originally targeted the location for the subject well to be 1,650' FSL & 2,310' FEL but was obstructed by the RICE buried pipe line (bpl). Two other alternate locations appeared to be acceptable but were not able to accommodate the drilling footprint after "NM One Call, Inc." confirmed nearby buried lines. All of the remaining area in the SW/4 and SE/4 of Unit J was not acceptable due to roads, above-ground electric lines, etc. The original and alternate locations which were condemned after "One Call" are diagrammed on the attached plat and are as follows:

Original locn: 1,650' FSL & 2,310' FEL  
Alternate 1 locn: 1,650' FSL & 1,650' FEL  
Alternate 2 locn: 1,800' FSL & 1,650' FEL

With minimal alternatives remaining, it was realized that the drilling footprint could be squeezed into the above unorthodox location being submitted for consideration.

INTEROFFICE COMMUNICATION  
**RANGE RESOURCES CORPORATION**

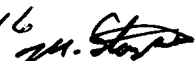
Recoverable reserves from the Drinkard, Tubb and Blinebry formations will be maximized by drilling the subject well in the SW/4 or SE/4 of Unit J in Section 18. The New Mexico M State #49 well is located in the NW/4 of Unit J and has produced from the Tubb and Drinkard formations. Currently it is producing from the Blinebry formation. The New Mexico M State #51 has been recently drilled in the NW/4 of Unit I and is completed in the Tubb and Drinkard formations. The Arrowhead Grayburg Unit #232 well, operated by Chevron, located in the center of Unit J was P&A'd on 9/27/2002 as per the attached Form C-103. Range chose not to utilize the abandoned location of this well due to the close proximity to the above-mentioned #49 well.


In an effort to save costs, the alternative locations mentioned above were not surveyed and platted. Range utilized the GPS system to choose a desirable location and would then contact "NM One Call, Inc." to confirm all the buried lines in the area. Once our location was confirmed, we then contacted John West Surveyors to survey & plat the location.


If you have any further questions or would like to discuss this matter in more detail, please feel free to contact me at my office number below.

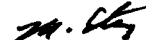
Sincerely,

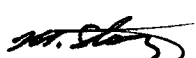
  
Bryan Surles  
District Engineer – Eunice area  
Range Resources  
Ofc # (817) 810-1971  
[bsurles@rangeresources.com](mailto:bsurles@rangeresources.com)

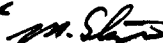
- 10:52 AM 12-8-05  
Paula Hale left a voice  
message for me to call her  
@ 817-810-1916  



- 10:10 AM 12-12-2005  
called for Bryan Surles  
@ 817-810-1971  
left a message for him  
to call me  



- 2:10 PM 12-20-05  
Bryan Surles @ 817-810-1971 left  
me another voice mail message  
that he would be out of the office until  
am. next day. 

- 12:30 AM 12-21-05  
Paula Hale w/ Range @ 817-810-  
1916 left me a voice mail message.  


- 1:20 PM 12-23-05  
Tried calling Bryan @ ~~817-810-1971~~ 817-810-  
1971; not in; left message. 

- 9:44 am 12-19-2005  
Bryan Surles @ 817-810-1971  
left a voice mail message  


- 1:40 pm 12-19-2005  
I returned Mr. Surles call; not  
in; left a message  


- 12:36 PM 12-29-05  
Brian Surles returned my  
call and left a voice  
mail message.  


## DISTRICT I

1625 N. FRENCH DR., HOBBBS, NM 88240

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|               |  |                           |
|---------------|--|---------------------------|
| API Number    | Pool Code  | Pool Name                 |
| Property Code | Property Name<br><b>NEW MEXICO "M" STATE</b>             | Well Number<br><b>52</b>  |
| OGRID No.     | Operator Name<br><b>RANGE OPERATING NEW MEXICO, INC.</b> | Elevation<br><b>3416'</b> |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 18      | 22-S     | 37-E  |         | 1420          | SOUTH            | 2310          | EAST           | LEA    |

## Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                 |                 |                    |           |
|-----------------|-----------------|--------------------|-----------|
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|                 |                 |                    |           |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|          |  |  |  |  |
|----------|--|--|--|--|
| LOT 1    |  |  |  |  |
| 37.00 AC |  |  |  |  |
| LOT 2    |  |  |  |  |
| 36.99 AC |  |  |  |  |
| LOT 3    | GEODETIC COORDINATES<br>NAD 27 NME<br><br>Y=506855.9 N<br>X=849647.6 E<br><br>LAT.=32°23'18.14" N<br>LONG.=103°12'02.34" W |  |  |  |
| 36.99 AC |  |  |  |  |
| LOT 4    |  |  |  |  |
| 36.98 AC |  |  |  |  |

orig target locn

Alt 2

Alt 1

2310'

1420'

## OPERATOR CERTIFICATION

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

Signature

Printed Name

Title

Date

## SURVEYOR CERTIFICATION

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 belief.

OCTOBER 11, 2005

Date Surveyed LA REV: 10/20/05

Signature of Seal of Professional Surveyor

RONALD J. JOHNSON  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
105.11 1462  
Certificate No. RONALD J. JOHNSON 3239

ERGY INCORPORATED  
WHEAD (GRAYBURG

● 228

31246  
3,795

XTO ENERGY INCORPORATED  
ARROWHEAD (GRAYBURG

⊙ 229

31740  
3,815

18

Surf to 6730

ENERGY INCORPORATION  
STATE P 7A/

● 333

25878  
6,763

AMERADA HESS CORPORATION  
STATE PA

⊙ 1

10342  
3,724

RANGE OPERATING NEW MEXICO DORPORA  
NEW MEXICO STATE

● 40

26015  
6,730

STATE M

⊙ 232

10352  
3,715

RANGE OPERATING NM  
NEW MEXICO M STATE

● 51

37355  
6,850

XTO ENERGY INCORPORATED  
STATE M

● 231

10355  
3,695

ADOBE ST

RICE OPERATING COMPANY  
BLINBRY-DRINARD SYT

△ 18

25616  
4,998

APACHE CORPORATION  
STATE P "A"

AMERADA HESS CORPORATION  
ARROWHEAD (GRAYBURG

26613

● 241

10343 1535  
3,724 3,807

EXXON CORPORATION  
STATE M

XTO ENERGY INCORPORATED  
ARROWHEAD (GRAYBURG

10353  
3,710

● 242

31329  
3,980

HUMBLE OIL & REFINING COMPANY  
STATE M

● 3

10354  
3,710

Surf to 6730

San Andres to 6730



RONMI

LEA COUNTY, NEW MEXICO

EUNICE AREA

NM "M" St. No. 52 Location



POSTED WELL DATA



WELL SYMBOLS

- Location Only
- Oil Well
- ⊙ Gas Well
- ⊙ Dry Hole
- ⊙ Injection Well
- △ Service Well

November 14, 2005

STATE M

● 6

10359  
3,717

G P II ENERGY INCORPORATED  
NEW MEXICO STATE

⊙ 101

24199  
3,692

G P II ENERGY INCORPORATED  
NM STATE M

STATE M

● 46

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|   |
|---|
| WELL API NO.<br>30-025-10352  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name:<br>Arrowhead Grayburg Unit                                    |
| 8. Well No.<br>232  |
| 9. Pool name or Wildcat<br>Arrowhead, Grayburg  |

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

1. Type of Well:  
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator Chevron USA, Inc.

3. Address of Operator 15 Smith Rd. Midland, Tx 79705

4. Well Location  
Unit Letter J : 1980 feet from the South line and 1980 feet from the East line  
Section 18 Township 22-S Range 36-E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |  | SUBSEQUENT REPORT OF:                               |  |
|--|--|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/>    | REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input checked="" type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>        | COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPLETION <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> |  |
| OTHER: <input type="checkbox"/>                |  | OTHER: <input type="checkbox"/>                     |  |

12. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Tag 7" CIBP @ 3570' spot 70sx plug fr/3570' to 3262'(Grayburg-Queen) Tag @ 3181'
2. Displace hole w/MLF, 9.5# Brine w/25 # Gel p/BBL.
3. Spot 40sx plug fr/2485' to 2385' (B-salt)
4. Spot 40sx plug fr/1230' to 1130' (T-salt)
5. Perf 4 holes @ 500' circ cmt between 7" X 9 5/8" csg w/160sx(9 5/8 shoe) Tag cmt @ surf
6. Install dry hole marker 9-27-02

Rescinded

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

SIGNATURE [Signature] TITLE MANAGER/SUNSET WELL DATE 9-27-02

Type or print name Jimmy BAGLEY Telephone No. 915 520-8756  
(This space for State use)

APPROVED BY GARY W. WHITE DATE OCT 11 2002  
Conditions of approval, if any: ORIGINAL SIGNED BY GARY W. WHITE OC FIELD REPRESENTATIVE-INSTATE MANAGER

Thursday December 29, 2005

1:51 PM

---

- Called Beyer @ 817-810-1971 and made contact.
- Seemed surprised to hear that the Blinck and Tubb zones were oil/gas pools and had special units associated w/ some.
- Drinkard interval is the primary zone of interest for this well. The Blinck and Tubb intervals will probably be tested once the Drinkard is depleted.

Mr. [Signature]

- 2:23 pm called again for an address

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

Sec : 18 Twp : 22S Rng : 37E Section Type : NORMAL

12/07/05 14:20:53  
OGOMES -TPNX  
PAGE NO: 1

|   |   |   |   |
|---|---|---|---|
| 1<br>37.00<br><br>Fee owned<br>U<br>A A A A | C<br>40.00<br><br>Federal owned<br>U<br>A A A A                           | B<br>40.00<br><br>Federal owned<br>U<br>A A A A                           | A<br>40.00<br><br>Fee owned<br>U<br>A A                                   |
| 2<br>36.99<br><br>Fee owned<br>U<br>A A A A | F<br>40.00<br><br>Fee owned<br>U<br>A A A A                               | G<br>40.00<br><br>Fee owned<br>U<br>A A A A                               | H<br>40.00<br><br>Fee owned<br>U<br>P A                                   |
| 3<br>36.99<br><br>Fee owned<br>U<br>A A A A | K<br>40.00<br>CS<br>B00934 0040<br>APACHE CORPORATIO<br>U<br>A A 11/22/38 | J<br>40.00<br>CS<br>B00934 0000<br>EXXON MOBIL CORPO<br>U<br>A A 11/22/38 | I<br>40.00<br>CS<br>B00934 0000<br>EXXON MOBIL CORPO<br>U<br>A A 11/22/38 |
| 4<br>36.98<br><br>Fee owned<br>U<br>A A A A | N<br>40.00<br>CS<br>B00934 0040<br>APACHE CORPORATIO<br>U<br>A A 11/22/38 | O<br>40.00<br>CS<br>B00934 0000<br>EXXON MOBIL CORPO<br>U<br>A A 11/22/38 | P<br>40.00<br>CS<br>B00934 0000<br>EXXON MOBIL CORPO<br>U<br>A 11/22/38   |



19190

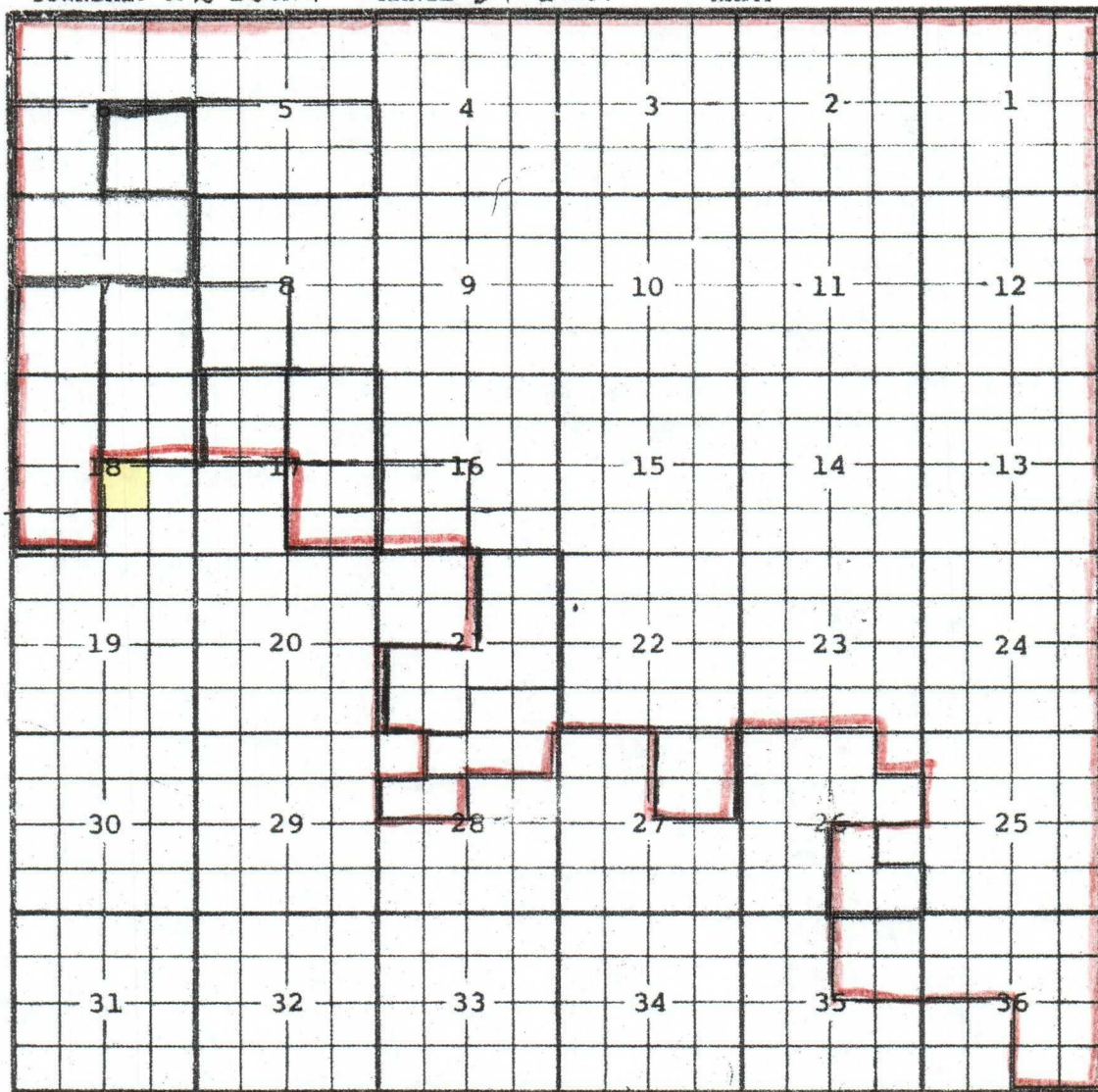
(P-8593 1/27/88)



POOL Blinebry Oil and Gas

RANGE 37 East

NMPM



Description: All Secs 1 thru 4,  $\frac{N}{2}$  Sec 5,  $\frac{N}{2}$  Sec 6,  $\frac{N}{2}$  &  $\frac{SE}{4}$  Sec 8.

All Secs 9 thru 15,  $\frac{N}{2} \neq \frac{SE}{4}$  Sec 16, All Secs 22 thru 25.

$\frac{NE}{4}$   $\frac{NE}{4}$  &  $\frac{NE}{4}$   $\frac{SE}{4}$  Sec 26,  $\frac{NE}{4}$  Sec 35,  $\frac{N}{2}$  &  $\frac{SE}{4}$  Sec 36 (R-1670-N, 1-1-74)

Ext:  $\frac{5}{2}$  SE  $\frac{1}{4}$  Sec 21,  $\frac{1}{2}$  NE  $\frac{1}{4}$  &  $\frac{NE}{4}$   $\frac{NW}{4}$  Sec 28 (R-5309, 11-1-76)

Ext:  $\frac{S}{2} \frac{NW}{4}$  Sec 28 (R-5511, 9-1-77)

Ext: SW 1/4 Sec 16 (R 6724, 7-16-81)

Ext: Sec: 6, 7, SW/4, N/2 (R-7114, 10-19-82)

Ext. SW 1/4 Sec. 7, W 2 Sec. 18 (R-7248, 3-30-83) Ext. NE 1/4 Sec. 27 (R-7372, 10-24-83)

EXT: SW/4 SEC. 8 (R-8361 13/4/87) EXT: NW/4 SEC. 17 (R-8667 6/10/88)

Ext.: <sup>NE</sup>4 Sec. 17 (R-9843, 2-8-93) Ext.: <sup>SE</sup>4 Sec. 7, <sup>NE</sup>4 Sec. 18 (R-9937, 8-17-93)

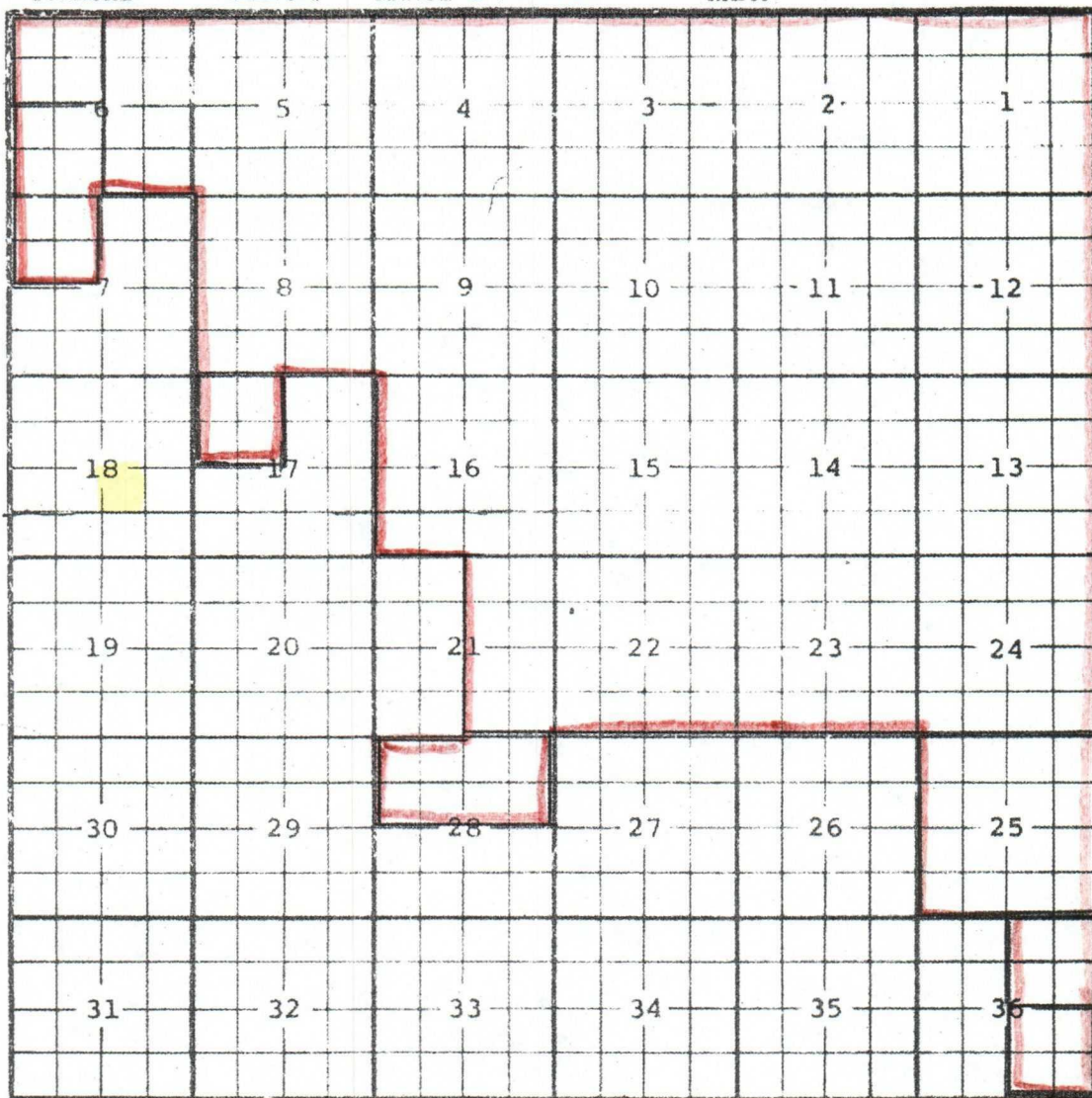
Ex 7: <sup>SE</sup>/<sub>4</sub> Sec. 17 (R-100913-28-94) Ext: <sup>NE</sup>/<sub>4</sub>, <sup>N</sup>/<sub>2</sub> <sup>SE</sup>/<sub>4</sub> <sup>SW</sup>/<sub>4</sub> Sec. 21 (R-10795, 4-28-97)

Ext: W/2 SE/4 and SE/4 SE/4 Sec. 26 (R-12046, 11-03-03)



COUNTY LeaPOOL Tubb Oil and GasTOWNSHIP 22 SouthRANGE 37 East

NMFM



Description: All Secs 1 thru 5;  $\frac{E}{2}$  Sec. 6; All Secs. 8 thru 16;  $\frac{E}{2}$  Sec. 21;  
All Secs. 22, 23, & 24 (R-264, 2-17-53)

Ext: All Sec 25 (R-407, 2-10-54) -  $\frac{NE}{4}$  Sec 36 (R-724, 12-9-55)

Extend vertical limits to include entire interval from 100'  
above Tubb marker to top of Drinkard (R-4635, 10-1-73)

Ext:  $\frac{N}{2}$  Sec 28 (R-5361, 3-1-77) Ext:  $\frac{SE}{4}$  Sec 36 (R-5729, 6-1-78)

Ext:  $\frac{NW}{4}$  Sec 6 (R-5838, 11-1-78) Ext:  $\frac{SW}{4}$  Sec 6,  $\frac{NW}{4}$  Sec 7 (R-5911, 2-1-79)

CHANGE FROM TUBB GAS TO TUBB OIL + GAS (R-6012 9-1-79) EXT:  $\frac{NW}{4}$  SEC 17 (R-8667, 6/10/88)