

PME50-323958284

ROYALTY RESOURCES, LLC**Chris Prickett, Manager**

P. O. Box 3444
510 N. Big Spring Street
Midland, TX 79701

(915) 570-6885
Cell (915) 349-4220
Fax (915) 687-6008

email: prickett@willowcreekinc.com**FACSIMILE TRANSMISSION**FAX: 505-476-3462TO: NM Oil Conservation DivisionFROM: Chris PrickettATTENTION: Mike StognerDATE: 08/27/2003Number of pages including cover sheet: 5☐

URGENT

☐

PLEASE COMMENT

☐

IN RESPONSE

☐

FOR REVIEW

☐

PLEASE REPLY

☐

PER YOUR REQUEST

COMMENTS:

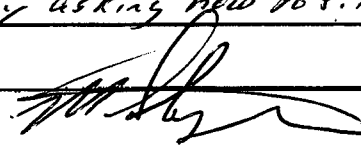
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OTHER

RE:

Calvani Com. #1 Well - Request Letter, C-101, C-102

and Wellbore Schematic

*Note to file: (10:10 AM) 8-27-2003**Chris Prickett called me today asking how to file this application.
Brian referred him to me.*

Note: If you did not receive one or more of the pages or the pages are not legible, please call the telephone number provided above within 30 minutes after receipt of the transmission. If you do not call, we will assume you received the pages satisfactorily.

Royalty Resources, L.L.C.

510 N. Big Spring Street, Midland, TX 79701 ** P. O. Box 3444 - Midland, TX 79702
Main: (432) 570-6885 Fax: (432) 687-6008
Chris Prickett, Manager - Email: prickett@willowcreekinc.com

August 27, 2003

Mr. Mike Stogner
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505
Office: 505-476-3465
Fax: 505-476-3462

RE: Non-standard/Unorthodox
Location Application
Calvani Com. #1 Well
1880' FSL & 2130' FWL,
Section 9, T-22-S, R-27-E
Eddy County, New Mexico

Dear Mr. Stogner:

Pursuant to our telephone conversation this date, please find herewith a Form C-101 and C-102. I have also included a schematic of the current wellbore.

Royalty Resources hereby requests approval for a non-standard/unorthodox spacing unit on the above referenced well. Since we may want to come back up hole into the existing Pennsylvania formation, we request approval for the Pennsylvanian formation(s) also.

If additional information is needed, please feel free to contact me at the letterhead number. Thank you for your assistance.

Very truly yours,

Chris Prickett
Manager

c:\word\Royalty\OCD Calvani Location

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Royalty Resources, LLC P.O. Box 3444 Midland, Tx 79701		² OGRID Number 219593
		³ API Number 30 - 015- 20784
⁴ Property Code 32328	⁵ Property Name Calvani Com	⁶ Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	09	22S	27E		1880	South	2130	West	Eddy

Proposed 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
⁷ Proposed Pool 1 South Carlsbad (Morrow)					⁸ Proposed Pool 2 South Carlsbad (Atoka)				

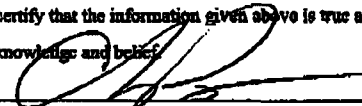
⁹ Work Type Code E	¹⁰ Well Type Code G	¹¹ Cable/Rotary Rotary	¹² Lease Type Code P	¹³ Ground Level Elevation 3084
¹⁴ Multiple N	¹⁵ Proposed Depth 11185	¹⁶ Formation Upper Morrow	¹⁷ Contractor L&R	¹⁸ Spud Date 10/9/2003

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	61#	381'	500	Surface
12 1/4"	9 5/8"	36 & 40#	5208'	2400	1300' by TS
8 1/2"	5 1/2"	17 & 20#	11762'	650	7990' by TS

¹⁹ Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Move L & R DD WS Unit on Location. RU install 7 1/16 DSA and 3000 psi Double Gate BOP.
2. Set Frac tank and load with 2 % KCL. Move Davis Reverse Equip on location and RU.
3. Kill well, Well is currently producing from the Wolfcamp perms(9568-791') less than 10 MCF/day with plunger lift system
4. Release packer and TOH. PU 4 5/8" bit, DC's, Drill cement and plugs at 10300', 10650', and 15' cement to 11185'.
5. Perf Upper Morrow f/ 11018-155'. Run packer and RBP, acidize and test perms. Set packer @ 10918' and place on Prod.
6. Produce Upper Morrow thru 2 3/8" N-80 tubing w/ pkr set @ 10918' or 100' above perms.

²⁰ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: 

Printed name: Chris Prickett

Title: Manager

Date: 08/27/03

Phone: 432 570-8885

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Grande Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-28784		² Pool Code		³ Pool Name South Central (Morrow)	
⁴ Property Code 32328		⁵ Property Name Catvini Coa			⁶ Well Number 1
⁷ OGRID No. 219593		⁸ Operator Name Reynolds Resources, LLC			⁹ Elevation 3084

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
K	09	22S	27E		1880	South	2130	West	Eddy

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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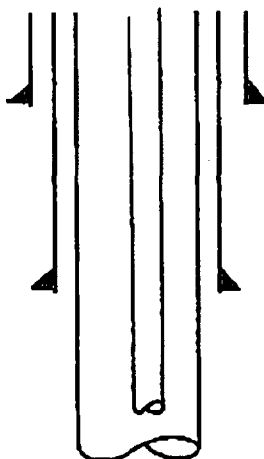
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Chris Prickett Printed Name Title and E-mail Address Manager Prickett@willowcreekinc.com August 27, 2003 Date
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Standard 320-acre ~~177~~ Sec.

Wellbore Schematic

CALVANI COM NO.1
1980'FSL&2130'FWL
SEC 9,T-22-S,R-27-E
Eddy Co, NM



13 3/8", 61# @ 381' w/500 sxs to surface

9 5/8", 40&36# @ 5208' w/2400 sxs TOC 1300'

Well Head

Christmastree top conn: 2 1/2" 8rd

Master valves 2- 2 1/2" Camern Type F
5000 WP Flanged

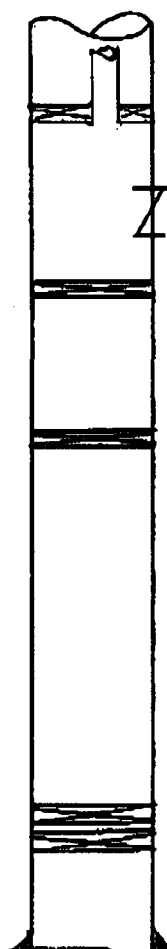
Tubing Head Top: 6" s/1500 Flanged

Tubing Hanger type: H-7 w 2 3/8"x 2 3/8"

Atlas Bradford DSS-HT mand

Tubing Head Type B 10"s/1500x6"s/1500

*2 3/8" 4.7#, N-80 TBG
Sch w/ Model "R" PKR
@ 9168'*



Wolfcamp perms (9268-9791') 49 holes

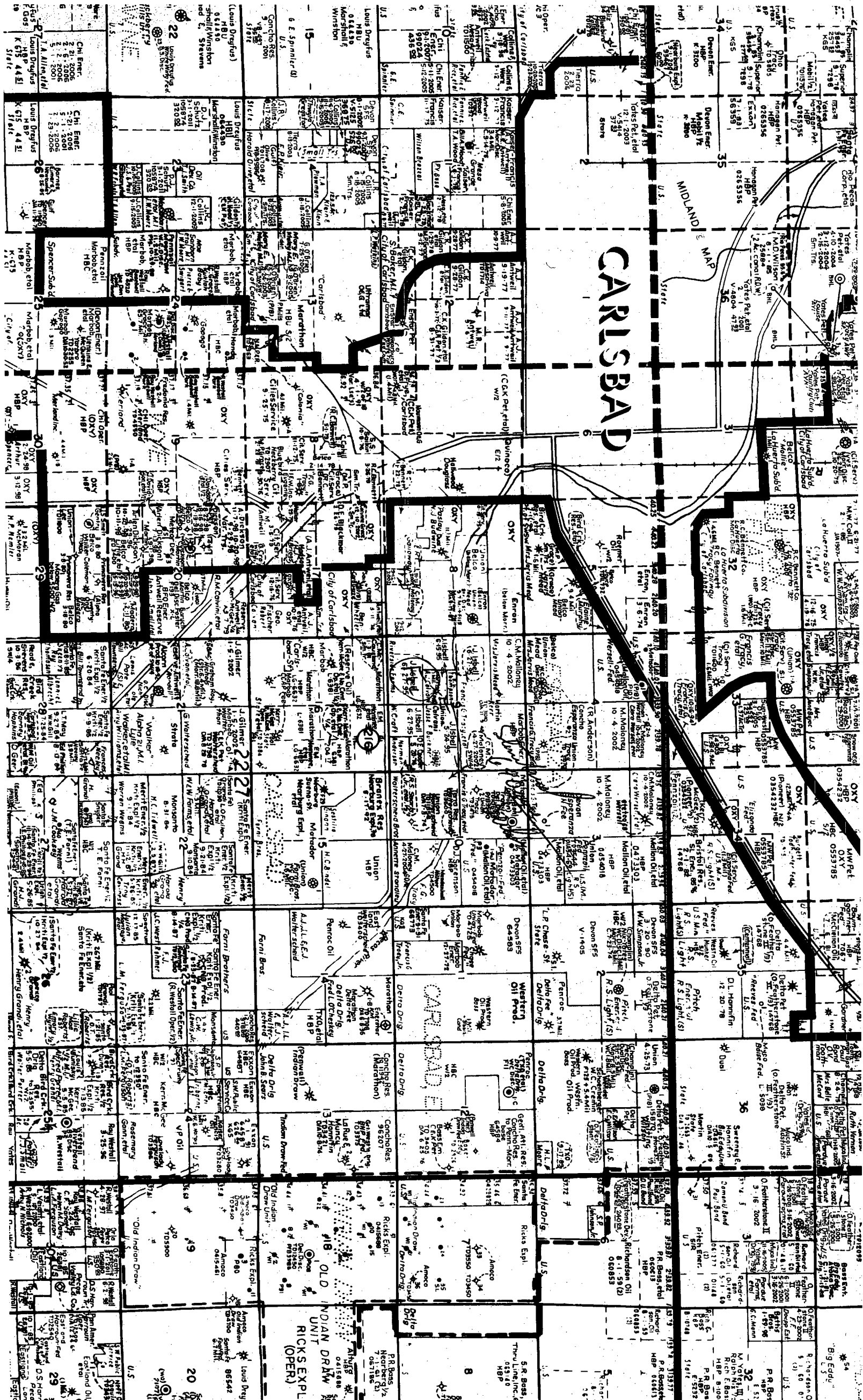
CIBP @ 10300' w/ 35' cmt

CIBP @ 10650' w/ 35' cmt

Model "D" Pkrw/bulplug @ 11187' w/ 35' cmt
Model "DA" Pkr @ 11200'

Morrow perms (11356-628)

5 1/2", 20&17# @ 11,762' w/650 sxs TOC 7990



CARLSBAD

MIDLAND

CARLSBAD

RICKS EXPL (OPER)

INDIAN DRAW UNIT

THRU LINE INC

THRU LINE INC

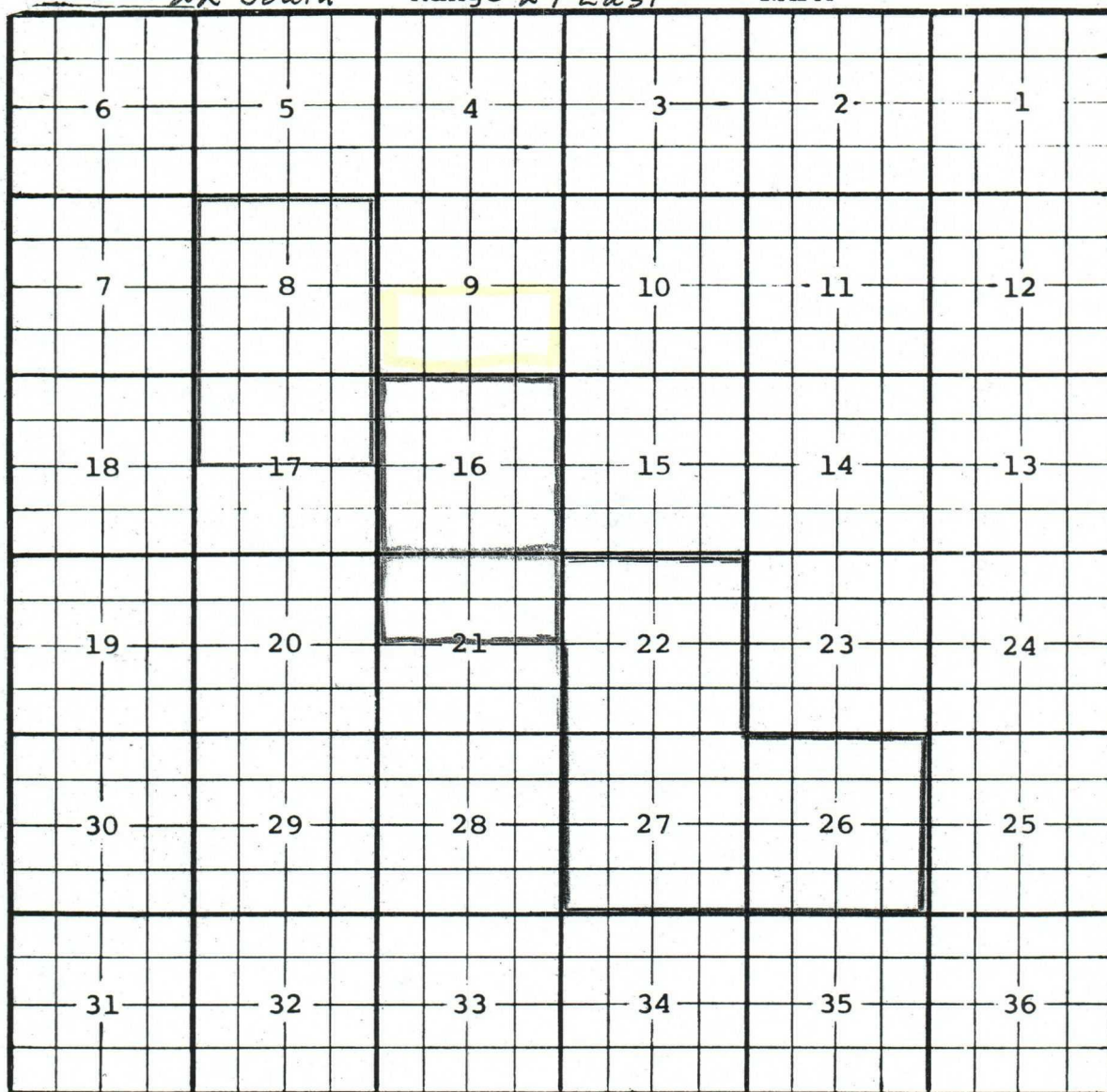
THRU LINE INC

THRU LINE INC

THRU LINE INC

County EddyPool Carlsbad-Strawn Gas (74040)TOWNSHIP 22 SouthRange 27 East

NMPM



Description: All Sec 8, $\frac{N}{2}$ Sec 17 (R-5162, 3-1-76)

Ext: Sec: 16 All, 21 n/2, (R-7114, 10-19-82)

Ext: All Sec. 22, All Secs. 26 and 27 (R-7997, 8-6-85)

County Eddy Pool Tansill Dam-AtoKa Gas (85900)

TOWNSHIP 22 South Range 27 East NMPPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

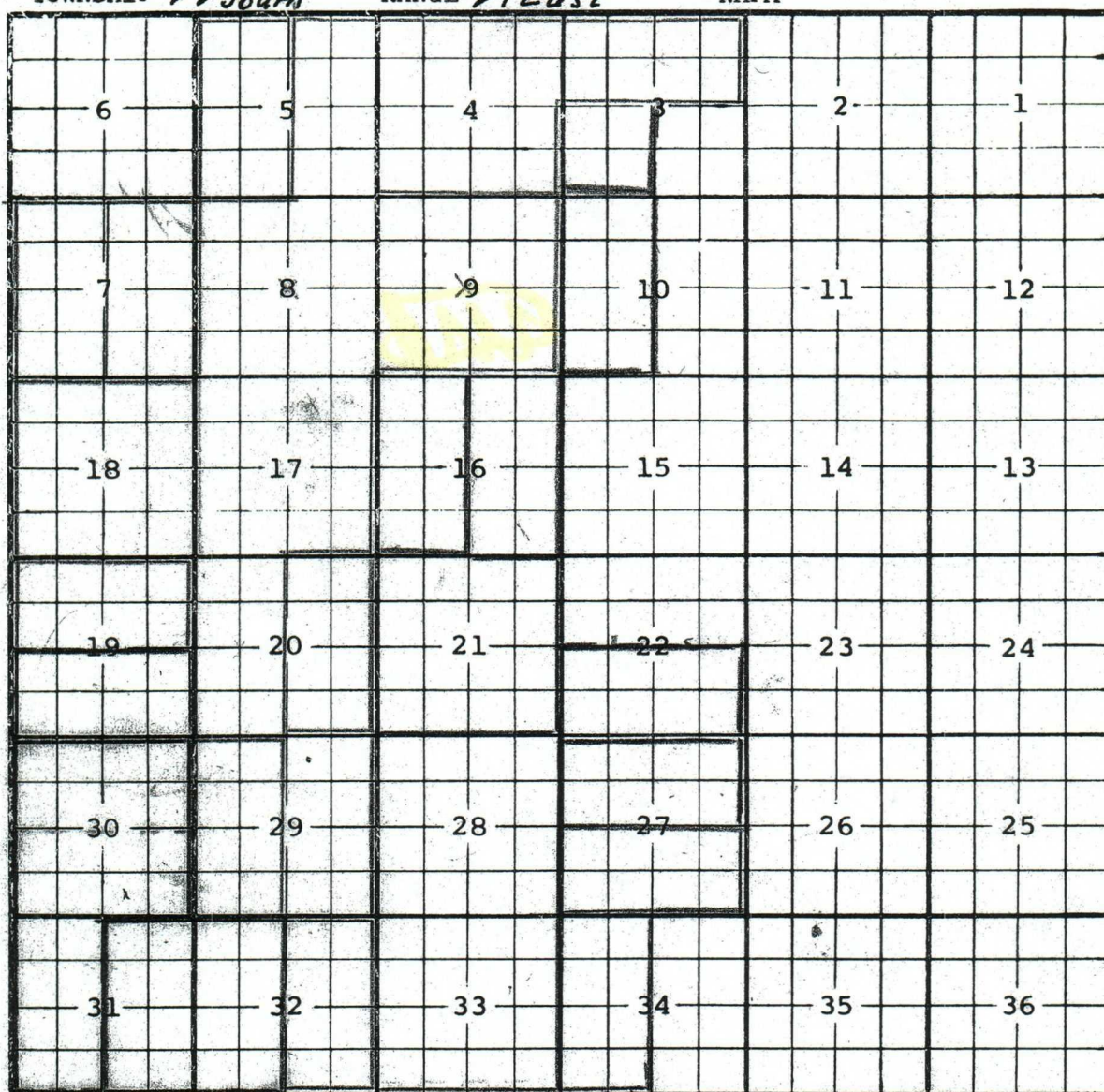
Description: $\frac{1}{2}$ Sec. 5 (A-9625, 1-15-92)

COUNTY EddyPOOL South Carlsbad - Morrow Gas

(73960)

TOWNSHIP 22 SouthRANGE 27 East

NMPM



Ext: $\frac{E}{2}$ Sec 31; $\frac{W}{2}$ Sec 32 (R-4119, 4-1-71) - All Sec 30; $\frac{W}{2}$ Sec 31 (R-4194, 10-1-70)
 - $\frac{S}{2}$ Sec 19 (R-4232, 1-1-72). Ext: $\frac{N}{2}$ Sec 19, $\frac{W}{2}$ Sec 29 (R-4915, 12-1-74)
 Ext: $\frac{N}{2}$ Sec 3, All Sec 4, $\frac{E}{2}$ Sec 5, All Sec 8, 9, 17 & 18, $\frac{W}{2}$ Sec 20 (R-5162, 3-1-76)
 Ext: $\frac{E}{2}$ Sec 32 (R-5204, 5-1-76) Ext: $\frac{W}{2}$ Sec 5 (R-5226, 7-1-76)
 Ext: $\frac{E}{2}$ Sec 20 (R-5309, 11-1-76) Ext: $\frac{E}{2}$ Sec 7 (R-5361, 3-1-77)
 Ext: $\frac{W}{2}$ Sec 7 (R-5667, 4-1-78) Ext: $\frac{E}{2}$ Sec 29 (R-5781, 9-1-78)
 Ext: $\frac{W}{2}$ Sec 16 (R-6476, 10-1-80) Ext: All Sec. 21 (R-7372, 10-20-83).
 Ext: All Sec. 28, All Sec. 33 (R-7785, 1-17-85) Ext: $\frac{S}{2}$ Sec. 27 (R-7875, 4-16-85)
 Ext: $\frac{W}{2}$ Sec. 34 (R-9609, 11-7-91) Ext: $\frac{N}{2}$ Sec. 27 (R-10376, 5-24-95)
 Ext: $\frac{S}{2}$ Sec. 22 (R-10724, 1-8-97) Ext: $\frac{E}{2}$ Sec. 16 (R-11678, 10-23-01)
 Ext: $\frac{SW}{4}$ Sec. 3 (R-11729, 2-22-02) Ext: $\frac{W}{2}$ Sec. 16 (R-11800, 7-16-02)