Chevron

November 7, 2000

Chevron U.S.A. Production Company
P.O. Box 1150
Midland, TX 79702

Administrative Application For
Non-Standard Gas Well Location
Chevron USA Production Co.
G. C. Matthews #12
Surface Loc. 330' FSL & 990' FEL
Section 6, T20S, R37E
Monument Tubb West Pool
Lea County, New Mexico

State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Attn.: Mr. Michael Stogner
2040 South Pacheco
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

This letter is in response to your letter dated October 26, 2000, (copy attached) concerning why well #12 was chosen for the Tubb recompletion.

Here is a recap of the process used to determine the proper well to recomplete into the Tubb formation in section 6. While reviewing Chevron's G. C. Matthews lease for production inprovements or cost reduction ideas, we noticed the activity in Section 5 and 7 of T20S, R37E in the Tubb. At this time we decided to recomplete the #6 well. It is located 990' FEL and 1650' FSL of Section 6. Permits were obtained and the work was completed July 14, 2000 and the Tubb zone was tight. Proper treatment was not possible as we screened out on a fracture treatment and could not pump an acid stimulation at the desired rate. Production testing resulted in no fluid entry.

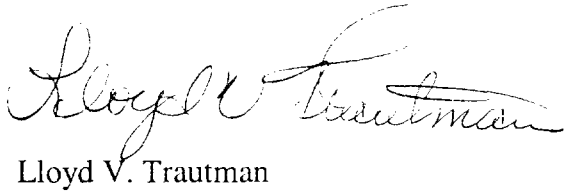
At this time we reviewed the rest of the wells in the SE/4; well bore schematics of the wells are attached for you to look at. Following is a well by well discussion of this review. Wells #3, 4, 8, and 11 are P&A'd, therefore not considered as a candidate well. Well # 5 has a 4 ½" liner across the Tubb, but is another nonstandard location, 2310' FSL and 2310' FEL. Well #2 has a 4 ½" liner cemented in and would have to be deepened about 2600'. This small size liner would cause longer time to drill, more costs and would limit the completion tool selection and production that could be obtained from the well. Therefore, wells #2 and 5 were not considered as preferred candidates. Well #10 has 7" casing and would have to be deepened about 800', and is at a non-

standard location at 1650' FSL and 2310' FEL. Well #7 has 5 ½" casing and is a non-standard location at 990' FSL and 330' FEL. Well #9 has 5 ½" casing at 5250' and is at a standard location, 660' FSL and 1650' FEL. Well #1 has 7" casing at 3714' and would have to be deepened about 2600' and is a standard location at 660' FSL and 1980' FEL. Well #12 has 7" casing at 5700' and would have to be deepened about 800' and is at a non-standard location.

Summarizing the details above, the P&A'd wells and the wells with 4 ½" casing or liners were not considered to be viable candidates, so wells #3, 4, 8, 11, 5, and 2 were put aside. Of the wells with 5 ½" and 7" casing, the 7" casing is the preferred size as it allows us to run 4 ½" casing as opposed to 3 ½" casing. The increased casing size allows us to run more conventional tools in the well for completion. The cost to drill a 4 ½" hole as compared to a 6 1/8" hole would be increased as we estimate an additional 4-5 days to drill to TD with the smaller hole. This makes wells #1, 10, and 12 the most desirable candidates. Of these three, well #12 was decided upon. Well #10 was in a nonfavorable location based upon the results of well #6, and #1 required an additional 1800' of hole to be drilled, which was estimated to take an additional 4-5 days and cost an additional $30,000 - $40,000. Well #12 also allows Chevron to protect the reserves on our lease from being drained by a well 330' from the lease line in a non-standard 160 acre standup proration unit.

Attachments include: wellbore schematics of Chevron's wells, copy of OCD letter to Chevron dated October 26, 2000, Tubb structure map, and a map of the G. C. Matthews lease. If you have any questions or require any further information concerning this information, please contact me at (915) 687-7152.

Sincerely,



Lloyd V. Trautman
Sr. Petroleum Engineer
New Mexico Area

lvt
Attachments

cc: NMOCD -- Hobbs, NM
J. K. Ripley
T. R. Denny
L. V. Trautman
R. M. Vaden
Central Files

WELL DATA SHEET

FIELD: Eunice-Monument | **WELL NAME: G. C. Matthews #1** | **FORMATION: Grayburg/San Andres**

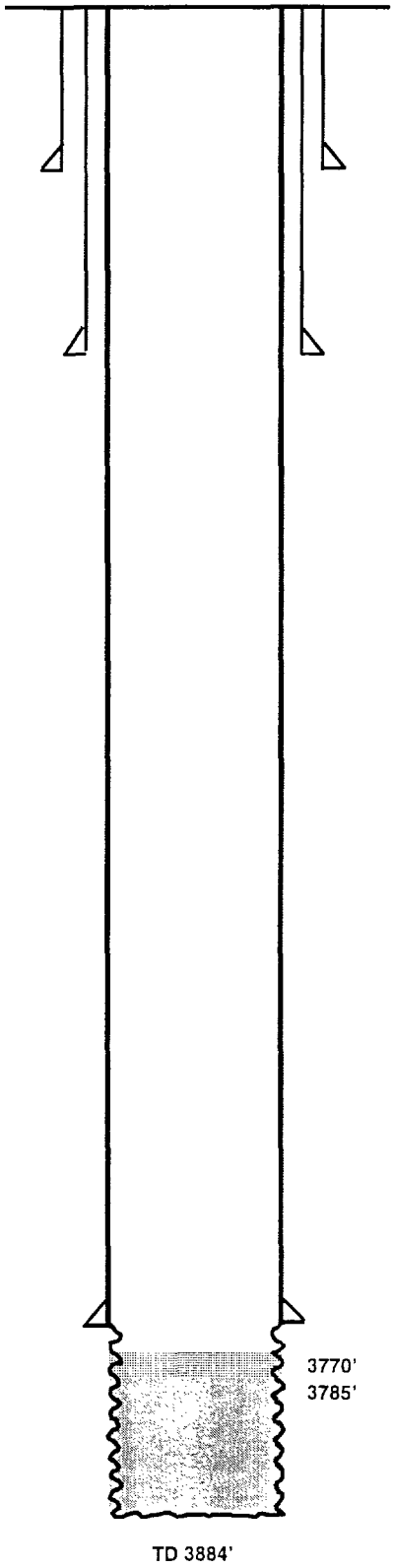
LOC: 660' FSL &1980' FEL, Unit O
TOWNSHIP: 20S
RANGE: 37E

SEC: 6
COUNTY: Lea
STATE: NM

GL:
KB to GL:
DF to GL:

CURRENT STATUS: SI
API NO: 30-025-05942
REFNO: FA7064

Date Completed: 5/36
Initial Production: 108 bopd, 4900 mcfpd



Completion Data:

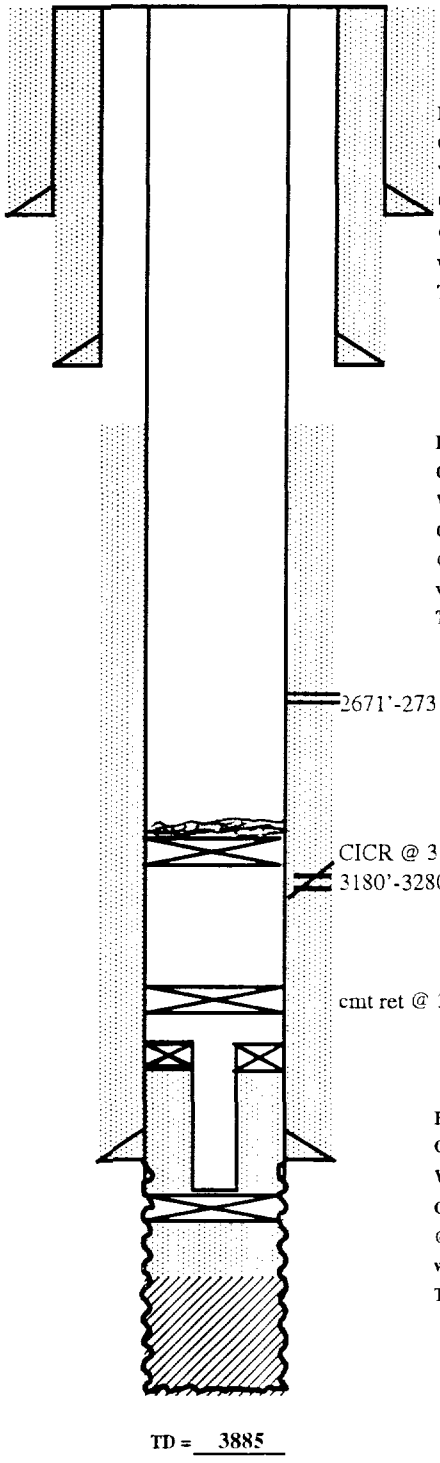
Subsequent Operations:
5/56 -- PB to 3785' w/Calseal. PB to 3770' w/hydromite (Grayburg). 73 bopd, 76 bwpd.

3/94 -- SI

Well Name: G. C. Mathews #2 **Field:** Eumont

Location:	1980' FSL & 1980' FEL	**Sec:**	6	**Formation:**	Eumont
Township:	20S	**County:**	Lea	**API #:**	30-025-12721
Range:	37E	**State:**	NM	**Chevno:**	FG7195

GE: 3576 KDB to GE: DF to GE:



Hole	
OD	10 3/4"
Wt.	
Gr.	
@	256
w/	200
TOC	Surface

Hole	
OD	7 5/8"
Wt.	28
Gr.	
@	1097
w/	300
TOC	Surface

Hole	
OD	5 1/2"
Wt.	17
Gr.	
@	3629
w/	350
TOC	?

TD = 3885

Spud Date:
Completion Date: Jun-36
Initial Formation: Grayburg
Interval Completed: From: To:

Initial Production: BOPD: 280
MCFPD:
BWPD:

Completion Data:
Acid w/ 7600 gals

Subsequent Workovers/Reconditionings/Repairs:
1/56 PB to 3825' w/ hydromite.
2/56 Set cmt retainer @ 3774'. Sqz w/ 145 sx cmt below retainer and spot 37 sx cmt on top of retainer Clean out to 3770'. Underream hole to 7" from 3630'-3742'. Run 4 1/2" liner. Top @3570'. Set @ 3770'. Cmt w/ 80 sx cmt. Perf 3736'-40'. Acid w/ 250 gals 15% HCl. Perf 3710'-27'. Set cmt ret @ 3562'. Sqz w/ 250 sx cmt. Perf Eumont (Penrose) 3180'-3280'. Acid w/ 500 gal mud acid.
4/91 Acid w/ 300 gals 15% NEFE.
10/5/1998 Set CICR @ 3134'. Sqz w/ 300 sx cmt. Cap CICR w/ 35' cmt. Perf 2671'-2731'.Acid w/ 45 bbls 15% NEFE

Additional Remarks or Information:

WELL DATA SHEET

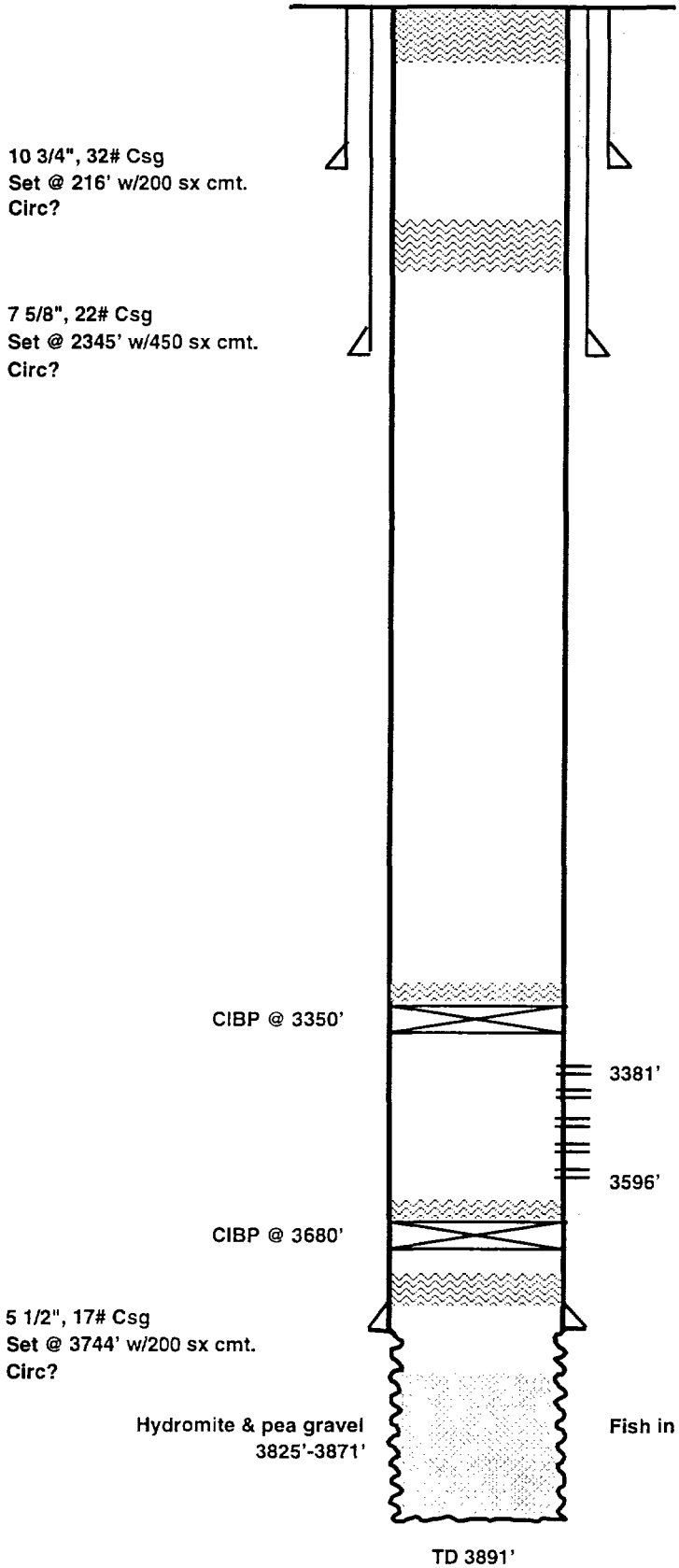
FIELD: Eunice-Monument **WELL NAME:** G. C. Matthews #3 **FORMATION:**

LOC: 660' FSL & 660' FEL, Unit P
TOWNSHIP: 20S
RANGE: 37E

SEC: 6
COUNTY: Lea
STATE: NM

GL: 3567'
KB to GL: 6.5'
DF to GL:

CURRENT STATUS: P&A
API NO: 30-025-05944
REFNO: FA7066



Date Completed: 9/15/36
Initial Production: 148 bopd, 1126 mcfpd

Completion Data:
8/36 -- Acdz w/2000 gals 50-50.
9/36 -- Acdz w/3000 gals 14%.

Subsequent Operations:
8/40 -- Acdz w/500 gals 15%.

10/40 -- Acdz w/1000 gals 15%.

6/53 -- Unable to retrieve fish in hole (Otis blind choke). Dumped pea gravel @ 3871'-28', Hydromite @ 3828'-26', pea gravel @ 3826'-25'.

12/54 -- Set cmt retainer @ 3739' w/125 sx. Perf 3700'-38' w/4 1/2" JHPF. Acdz w/500 gals 15% NE.

4/55 -- Plug from 3723'-39' w/24 gals Hydromite.

3/77 -- Set BP @ 3680', cap w/4 sx cmt. Set cmt plug over top of salt f/1030'-1130 w/21 sx; cmt plug f/50' to surface w/6 sx.

7/79 -- Drill out surface and cmt plug. Perf 3381'-3383', 3435'-3437', 3498'-3500', 3532'-3534', & 3594'-3596' w/2 1/2' JHPF. Acdz w/4000 gals 15%.

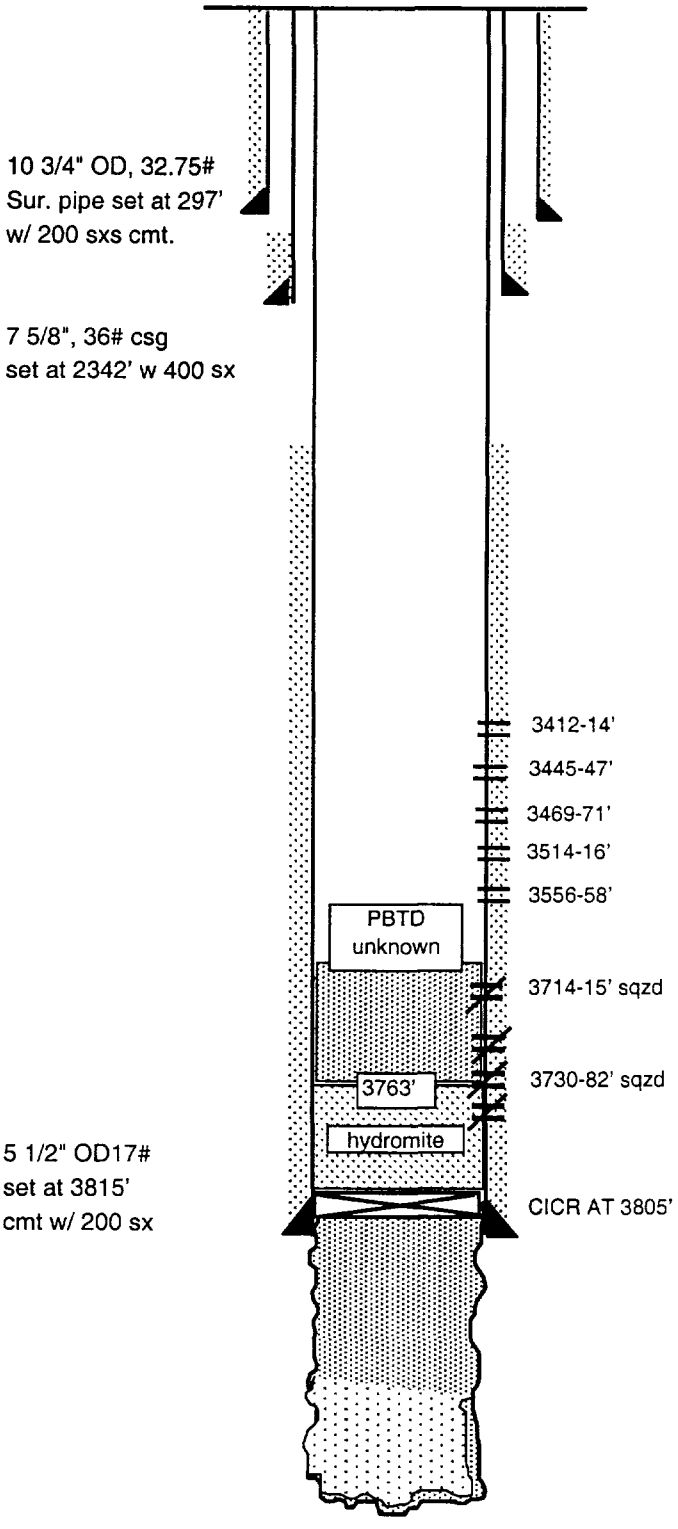
12/79 -- Set CIBP @ 3350', cap w/6 sx cmt. Set cmt plug f/1050'-1150', and plug f/90' to surface. Well P&A'd.

WELL DATA SHEET

FIELD: Eunice Monument **WELL NAME: G. C. Matthews #4** **FORMATION: Grayburg**

LOC: 1980' FSL & 660' FEL **SEC: 6, Unit I** **GL: 3567'** **CURRENT STATUS: TA'd**
TOWNSHIP: 20-S **COUNTY: Lea** **KB to GL: 6'** **API NO: 30-025-05945**
RANGE: 37-E **STATE: NM** **CHEVNO: FA7067**

Date Completed:	######
Initial Production:	715 bopd, 1578 mcfd
Initial Formation:	Grayburg
FROM: 3815'	**TO:** 3897'



TD 3897'

Well History

5/52 PB w/ hydromite to 3858', Install gas lift. IP 65 BO, 29 BW

3/57 Ran CICR set at 3805 Sqz OH w/ 213 sx. Perf 3730-82' w 4 JSPF. Acdz w/ 250 gal. Well flowed. PB to 3763' with Hydromite & Calseal. Treat 3730-63' w/ 7476 gal lease crude w/ 1 ppg sd. PB to 3720' w/ hydromite. Perf 3714-15' w/ 8 JSPF. Set CICR at 3690'. DO to 3720'. Csg would not test. Set CICR at 3685'. Pump 500 gal Cealment. DO cmt to 3720'. test perfs at 3715 to 500 psi, ok. DO hydromite and sand to 3763'. Swab well, kicked off. [Assume that perfs 3730-63' open because of being covered w/ sand and hydromite was used as a cap on the sand.]

5/58 Sqz perfs 3730-63 w/ 87 sx cmt. TA'd

4/60 P&A w/ Aquagel mud. Spot 10 sx cmt at top of 5 1/2" csg. Set marker.

7/69 Re-enter. CO to 3675'. Spot 15% Acid. Perf 3412-14', 3445-47', 3469-71', 3514-16', 3556-58', w/ 2 JSPF. Acdz w/ 3000 gal 15% ND Acid. IP 1 BO ? Gas

8/79 Note in file that well has been TA'd. No details given.

FORMATION TOPS:

Rustler	1080
T/ Salt	1120
B/ Salt	2270
Yates	2380
Queen	3036
Grayburg	3680

FILE: mat_4wb.XLS
spm 12/1/93

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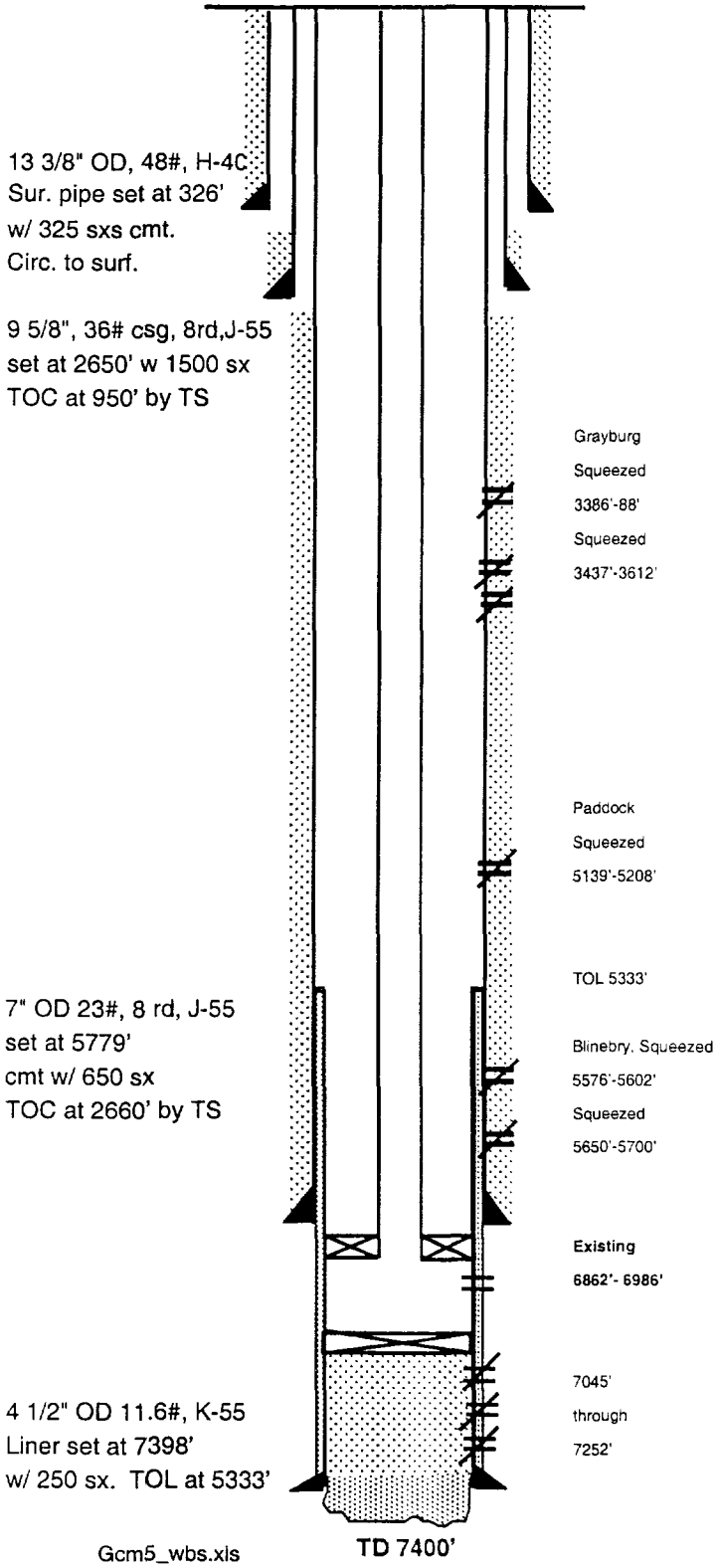
WELL DATA SHEET

FIELD: Monument **WELL NAME: G. C. Matthews # 5** **FORMATION: Abo**

LOC: 2310' FSL & 2310' FEL **SEC: 6, Unit I** **GL: 3559'** **CURRENT STATUS: SI**
TOWNSHIP: 20-S **COUNTY: Lea** **KB to GL: 10.4'** **API NO: 30-025-05946**
RANGE: 37-E **STATE: NM** **CHEVNO: FA7068**

Date Completed:	06/22/1951
Initial Production:	960 BO, 0 BW, 570 MCF
Initial Formation:	Paddock/Blinebry
FROM: 5650'	**TO:** 5700'



Well History

5/51 Spud, Paddock/Blinebry Test, TD 5780', PBTD 5745'

3/56 Installed Pumping Unit, 103 BO, 157 BW

11/60 TA'd well

6/61 Test Blinebry. Set CI @ 5640', Squeezed perfs 5650' to 5700' in 7" CSG. Perf 4 SPF 5576' - 78', 5584'-86', 5600'-02'. Treated w/ 750 gal 15% NEA, using 15 7/8" RCNB. PBTD 5736'. Prod. 182 BO, 0 BW, 108 MCF.

4/67 Acdz w/ 1000 gal 28% NEA. Before 22 BO, After 33 BO.

8/67 Installed Pumping Equipment.

5/68 Acdz. 5000 gal 15%. No change in prod.

5/69 Test Grayburg. Set BP on WL @ 5500'. Dumped 2 sxs CMT.
Perf. 3610'-12', 3546'-48', 3506'-3508', 3466'-68' & 3437'-39'.
Acdz w/ 4000 gal 15% NE acid, 4 bpm, Pmax 3600 psi.

6/72 Dual Grayburg with Paddock.
Perf 7" CSG w/ 2, 1/2" JHPF @ 5139'-43', 5172'-76', 5186', 92', and 5204'-08'.
Acdz w/ 3000 gal 15% NE acid. Acdz perfs again w/ 3500 gal 15% NE acid.
Ran long string w/ RKR @ 5050', end of TBG @ 5116'. Short String @ 3403'.

6/75 TA'd Paddock.

8/76 Pulled both strings & TA Paddock w/ BP @ 5050'. TA Grayburg w/ RBP @ 3412'.
Perf 7" CSG w/ 4, 1/2" JHPF @ 3386'-88'. Acdz w/ 1000 gal 15% NE acid. Put on prod.

10/77 Sqeeze Paddock. 5139'-5208' w/ 150 sxs Cl "C". Squeeze Graybury, 3326'-3612' w/ 300 sxs Cl "C". C/O to 5780' & squeeze Blinebry, 5576'-5602' w/ 400 sxs Cl "C".
Deepen with 6 1/4" bit to 7400'. Set 4 1/2" liner with top at 5333', bottom at 7398'.
Perf Abo at 7045'-47', 7079'-81', 7119'-21', 7149'-51', 7196'-98', 7216'-18', 7250'-52'.
Acdz w/ 12,000 gal 15% HCl at 15 BPM. ISIP 4450 psi. 15 MIN SI 4000 psi.
IPP = 8 BOPD, 9 BWPD.

10/87 Perf 7159',55', 46', 44', 40', 38', 34', 32', 09', 7072', 71', 70', 62', 60' with 1 SPF.
Acdz with 5500 gals 20% HCl. (appears all pay was acidized) Run Rods & Pump.
Off Report - 9 BO, 9 BW, 17 MCF.

3/88 Acid Frac 7045'-7252' with 30,000 gals XL Gel, 15,000 gals 20% Gelled NEFe, 3750 gals 20% Slick NEFe, 12,000 gals non-XL Gelled 8.6 lb BW and 288,000 scf N2.
Rate of 12 bpm, 4540 psi Pmax. Run Pump Eq. Before - 2 BO, 1 BW, 19 MCF.
After - 1 BO, 4 BW, 99 MCF.

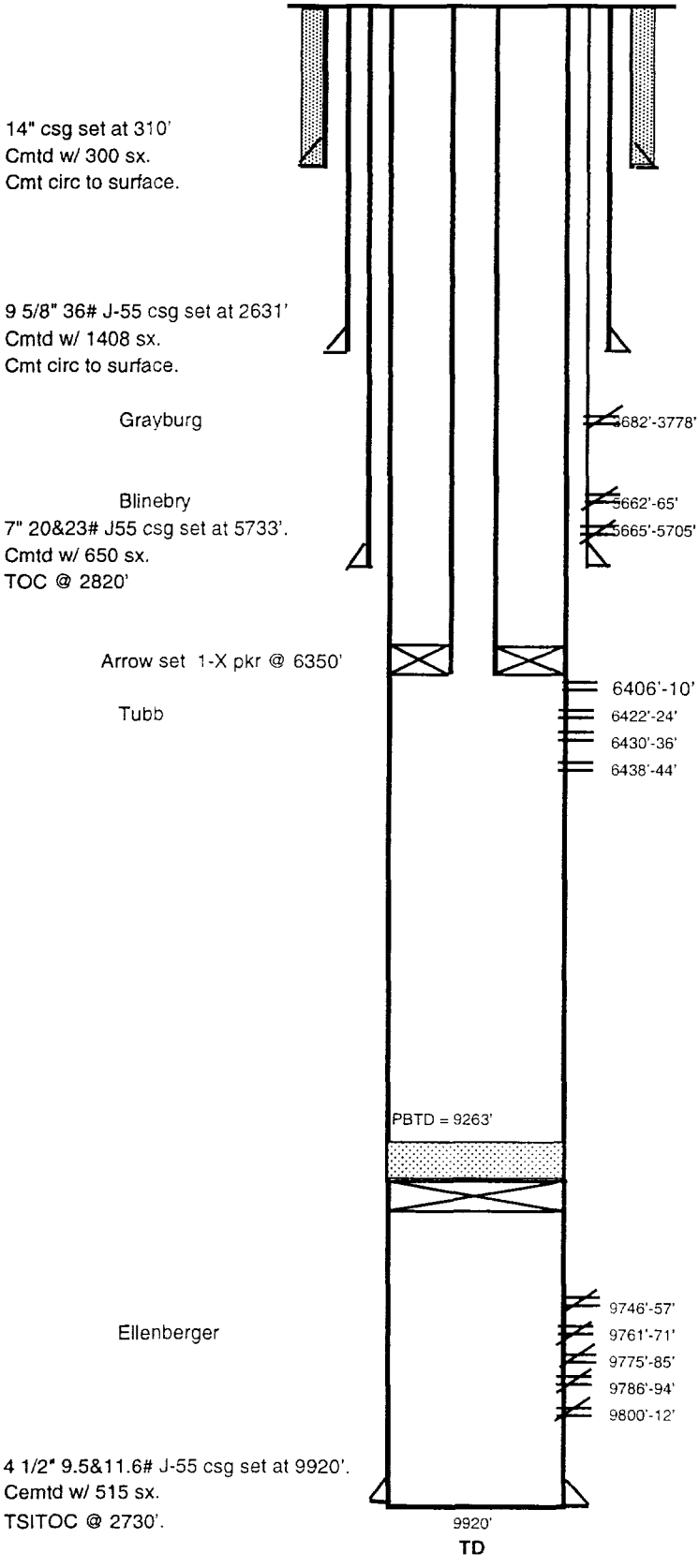
2/90 Production less than 1 BOPD, 0 BWPD. Moved 228 Lufkin pumping unit. SI.

WELL DATA SHEET

FIELD: Monument **WELL NAME: G. C. Matthews #6** **FORMATION: Tubb**

LOC: 1650' FSL & 990' FEL **SEC:** 6 **GL:** 3570' **CURRENT STATUS:** SI
TOWNSHIP: 26S **COUNTY:** Lea **KB:** **API NO:** 30-025-05947
RANGE: 37E **STATE:** NM **DF:** **REFNO:** FA7069

Date Completed: Nov-51
Initial Formation: Blinebry



Completion Data: Perf 5665'-5705' w/ 4 spf. Acid w/ 1000 gals 15% NEA. IP 2040 BOPD 0 BWPD.

Subsequent Operations:
1956- PB to 5685'. Acid w/ 1000 gal 15% NEA.

Aug 1956- Sqz perfs 5662'-5674'. Perf Grayburg 3705'-3778'. Acid w/ 1000 gals.

June 1959- Sqz 3725'-78'. Perf 3682'-84' and 3700'-02'. Acid w/ 3000 gals 15% HCl.

July 1961- Deepened to 9920'. Ran and cmtd 4 1/2" csg to TD. Perfed 9746'-57', 9761'-71', 9775'-85', 9788'-94', and 9800'-12'. IP'd 1.85mmcfpd, FTP 2485 psi.

Feb 1995- TA'd well. Set CICR @ 9641'. Cap w/ 25 sx. PBTD 9263'.

July 2000- Perf Tubb 6406'-10', 6422'-24', 6430'-36', and 6438'-44'. Acdz w/2000 15% anti-sludge. Frac w/15,000 gals Spectra & 11,500# 16/30 sd. Screened out early; 6800# sd in formation & 2000# sd in tbg. C/O sd to 6650. Acdz 6406'-6444' w/2500 gals 15% anti-sludge, dropping 60 - 1.3 sg ball sealers.

WELL DATA SHEET

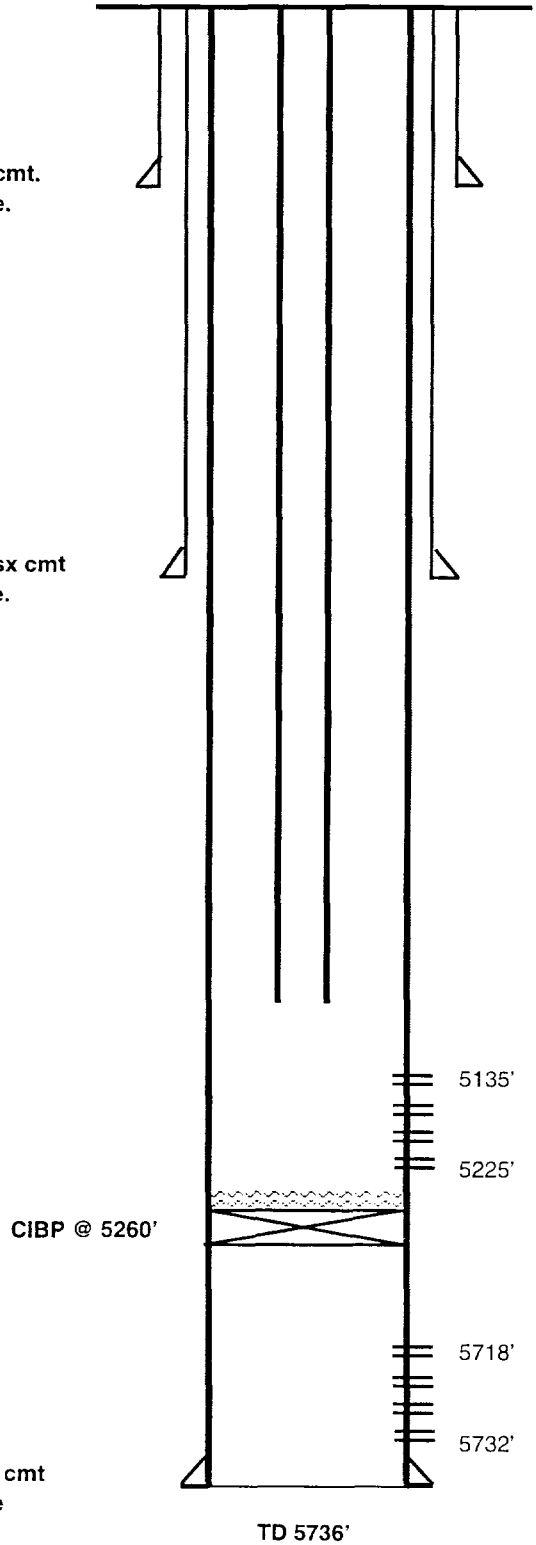
FIELD: Monument Paddock **WELL NAME: G. C. Matthews #7** **FORMATION: Paddock**

LOC: 990' FSL & 330' FEL, Unit P **SEC: 6** **GL: 3558'** **CURRENT STATUS:**
TOWNSHIP: 20S **COUNTY: Lea** **KB to GL:** **API NO: 30-025-05948**
RANGE: 37E **STATE: NM** **DF to GL:** **REFNO: FA7070**

Date Completed: 5/10/53
Initial Formation: Blinebry
Initial Production: 292 bopd, 439 mcfpd, 0 bwpd

12 3/4" Csg
Set @ 291 w/350 sx cmt.
Circulated to surface.

8 5/8", 32#,J-55 Csg
Set @ 2522' w/3750 sx cmt
Circulated to surface.



5 1/2", 14#, J-55 Csg
Set @ 5735 w/795 sx cmt
Circulated to surface

TD 5736'

Completion Data:
Perf 5718'-32' w/4 hpf.

Subsequent Operations:
2/54 -- Acdz Blinebry w/200 gals 15% HCL. 3 bopd, 298 bwpd.

3/54 -- Plug Blinebry. Set CIBP @ 5260', cap w/1 sk cmt. Perf Paddock 5135'-5225' w/4 hpf. Flowed 366 bopd, 204 mcfpd.

10/68 -- Install rod pump equip. 123 bopd, 69 bwpd.

WELL DATA SHEET

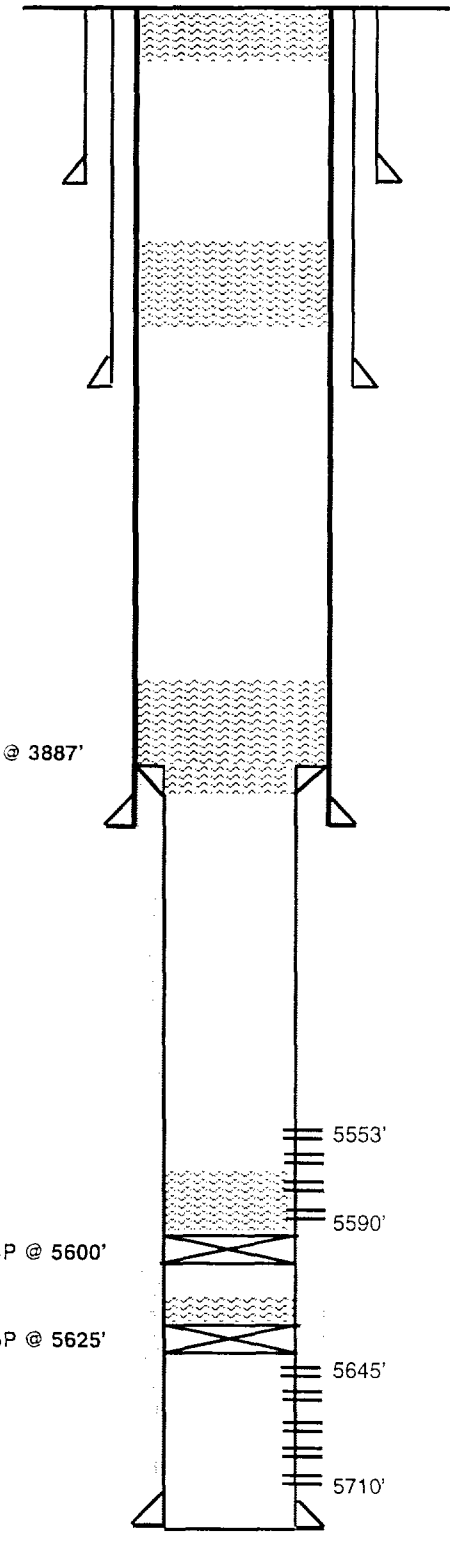
FIELD: Monument | **WELL NAME: G. C. Matthews #8** | **FORMATION: Blinebry**

LOC: 990' FSL & 1650' FEL, Unit O
TOWNSHIP: 20S
RANGE: 37E

SEC: 6
COUNTY: Lea
STATE: NM

GL: 3561'
KB to GL: 13.7

CURRENT STATUS: SI
API NO: 30-025-05949
REFNO: FA7071



Date Completed: 7/53
Initial Production: 340 bopd, 649 mcfpd

Completion Data:
Perf liner @ 5645'-5710' w/4, 1/2" JHPF. Acdz w/1000 gals 15% NE.

Subsequent Operations:
12/60 -- Install ppg equip.

10/64 -- Acdz w/500 gals 15% down csg. Perfs sealed off and acid stayed in well bore.

11/64 -- Acdz w/3000 gals 15%.

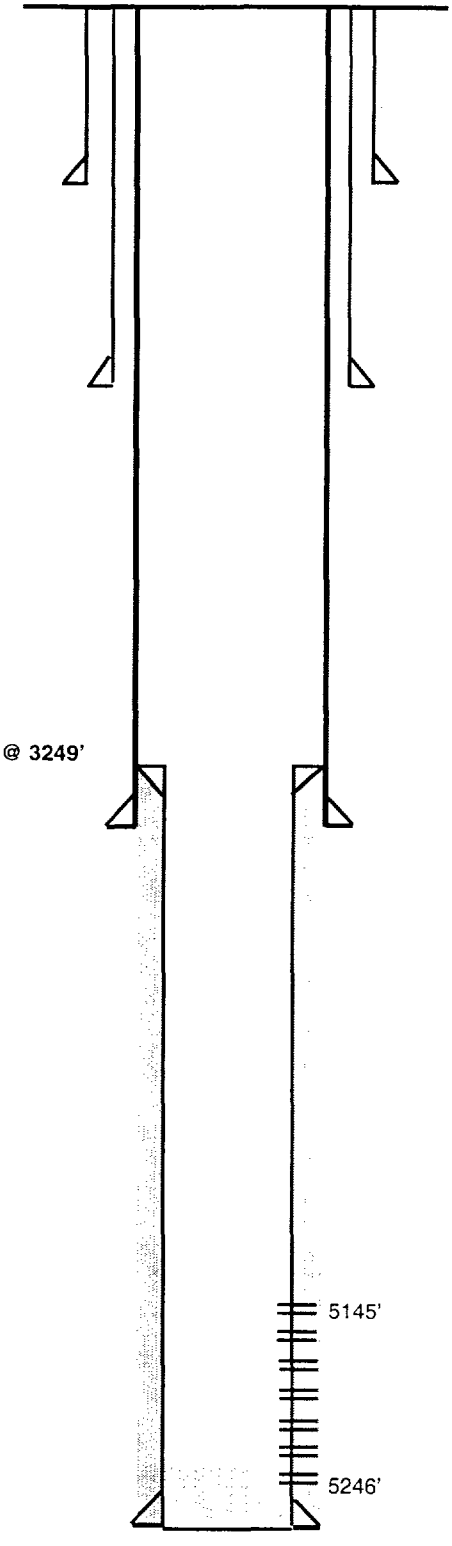
9/67 -- Ran CIBP & set @ 5625'. Dmp 10' cmt on top. Perf liner @ 5553'-55', 5568'-70', 5588'-90' w/2 1/2" JHPF. Spot w/500 15% NE acid. Acdz w/2000 gals 15%.

5/75 -- P&A well. Set CIBP @ 5600' w/40' cmt on top. Set plug f/3931'-3823' w/16 sx cmt. Set plug f/1134'-1026' w/20 sx cmt. Set plug f/54' to surface w/10 sx.

WELL DATA SHEET

FIELD: Monument | **WELL NAME: G. C. Matthews #9** | **FORMATION: Paddock**

LOC: 660' FSL & 1650' FEL, Unit O | **SEC: 6** | **GL: 3559'** | **CURRENT STATUS: SI**
TOWNSHIP: 20S | **COUNTY: Lea** | **KB to GL:** | **API NO: 30-025-05950**
RANGE: 37E | **STATE: NM** | **DF to GL:** | **REFNO: FA7072**



13 3/8", 48#, S-80 csg
Set @ 295' w/325 sx cmt.
Circulated to surface.

9 5/8", 36#, J-55 Csg
Set @ 2340' w/1015 sx cmt.
Circulated to surface

TOL @ 3249'

7 7/8", 26.4#, N-80/J-55 Csg
Set @ 3498' w/170 sx cmt.
TOC @ 35' by TS

5145'

5246'

5 1/2", 15.5#, J-55 Liner
Set @ 5249' w/200 sx cmt.
TOC @ 3429

TD 5250'

Date Completed: 7/54
Initial Formation: Paddock
Initial Production: 264 bopd, 128 mcfpd

Completion Data:
Perf 5155'-5246'. Acdz w/1000 gals MCA (7.5%). Perf 5145'-5155' Acdz w/1000 gals 15% NEA.

Subsequent Operations:
6/55 -- Plugback to 5228' w/hydromite. Acdz w/2000 gals 15% NEA.

1/66 -- Clean out to 5238'. Acdz w/1000 gals 15% NEA.

6/69 -- Acdz w/1000 gals 15% NEA.

2/76 -- Swedged out 7 5/8" csg @ 15'.

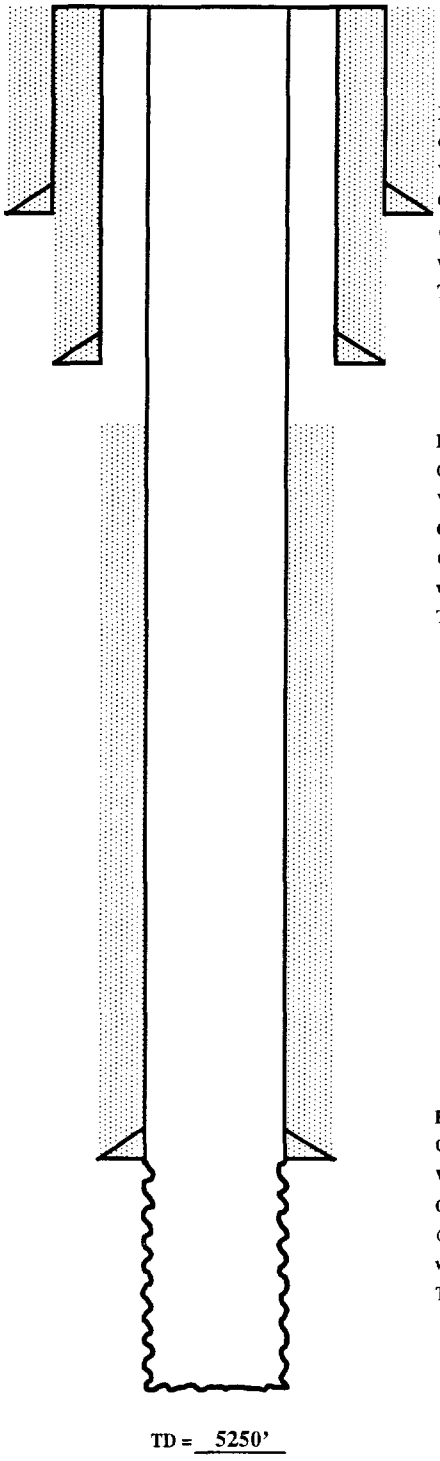
6/94 -- SI.

Rustler	1020'	Penrose	3200'
Base Salt	2150'	Grayburg	3413'
Yates	2365'	San Andres	3780'
7 Rvrs	2636'	Glorieta	5078'
Queen	3097'		

Well Name: G. C. Mathews #10 **Field:** Monument Paddock

Location:	1650' FSL & 2310' FEL	**Sec:**	6	**Formation:**	Paddock
Township:	20S	**County:**	Lea	**API #:**	30-025-05951
Range:	37E	**State:**	NM	**Chevno:**	FA7073

GE: **3569** KDB to GE: _____ DF to GE: _____



Hole	
OD	13 3/8"
Wt.	
Gr.	
@	414
w/	475
TOC	Surface

Hole	
OD	9 5/8"
Wt.	
Gr.	
@	2899
w/	1750
TOC	Surface

Hole	
OD	7"
Wt.	
Gr.	
@	5149
w/	310
TOC	3125' by TS

TD = 5250'

Spud Date: _____

Completion Date: Aug-54

Initial Formation: Paddock

Interval Completed: *From:* 5149 To: 5250

Initial Production: BOPD: _____ MCFPD: _____ BWPD: _____

Completion Data:

Perf 5240'-44'. Acid w/ 500 gals.
Acid 5149'-5250 w/ 500 gals.
Perf 5228'-33'. Acid w/ 1000 gals 15% NE

Subsequent Workovers/Reconditionings/Repairs:

6/94 SI

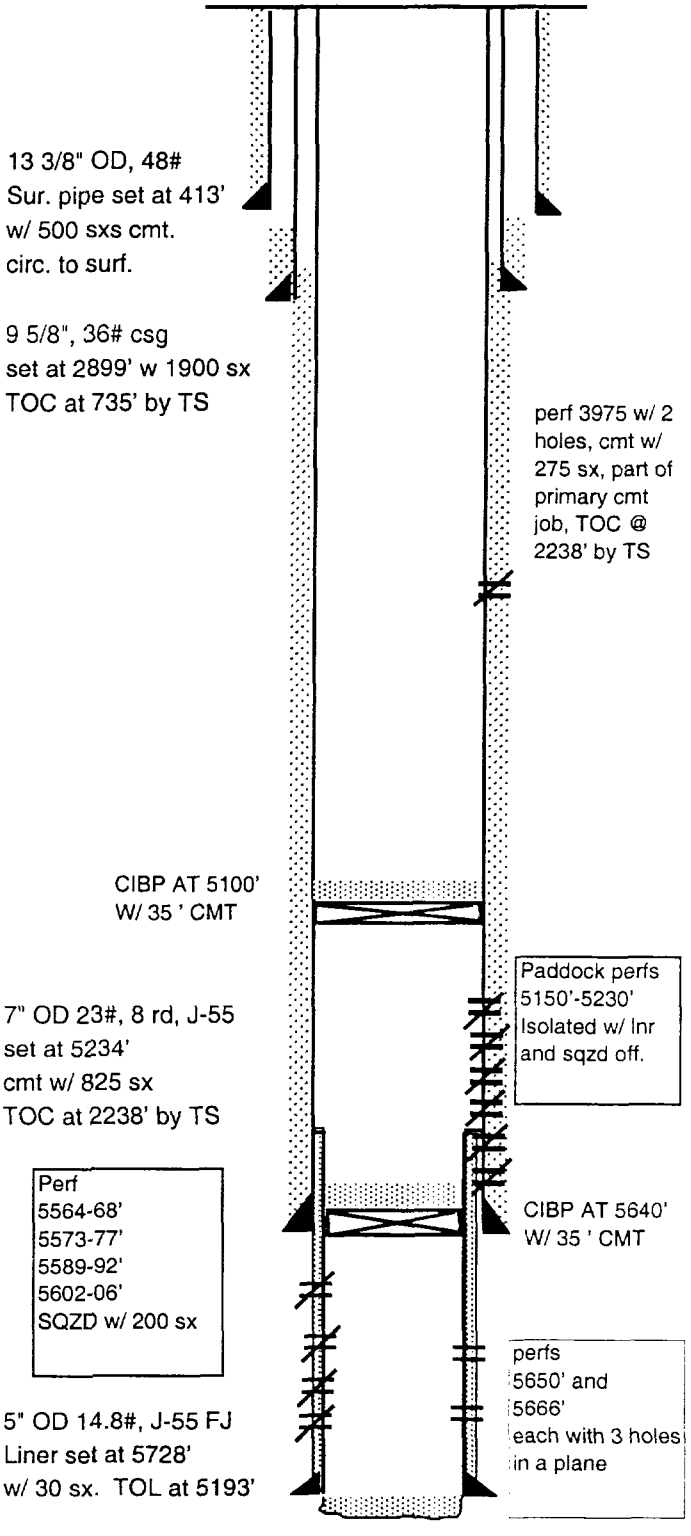
Additional Remarks or Information:

WELL DATA SHEET

FIELD: Monument Blinebry **WELL NAME: G. C. Matthews #11** **FORMATION: Blinebry**

LOC: 2310' FSL & 990' FEL **SEC: 6, Unit I** **GL: 3558'** **CURRENT STATUS: TA'd**
TOWNSHIP: 20-S **COUNTY: Lea** **DF to GL: 12'** **API NO: 30-025-05952**
RANGE: 37-E **STATE: NM** **CHEVNO: FA7074**

Date Completed:	######
Initial Production:	130 BOPD, no wtr
Initial Formation:	Paddock
FROM: 5150'	**TO:** 5230'



TD 5750'
PBTD 5730'

Well History

10/54 Perf. 5150-5230' w/ 4 JSPF. Acdz w/ 2500 gal 15% HCl. Flowed 1230 BOPD, no wtr

8/57 Plugged bacd to 5205' w/ hydromite. Acdz perfs 5150-5205' w/ 4000 gal 15%. Flow 103 BO, 22 BWPD, GOR 8541.

6/59 ETP

6/62 Deepened w/ 6 1/8" bit from 5234' to 5750', now TD. Ran 5' OD Hydril 14.8#, J-55 FJ liner from 5728 to 5193' (TOL). Cmtd w/ 30 sx. Circculated. Perf Blinebry 5564-68', 5573-77', 5588-92', 5602-06' w/ 2 JSPF. Attempted to acdz but communicated to liner top. Perf liner at 5550' & circulated cmt to liner top and sqzd. DO lnr & test to 2,000 psi. Acdz perfs, swab 100% wtr. Sqzd perfs 5564-5606' w/ 200 sx. Re-sqzd w/ 155 sx. DO to 5730, FBTD, test to 2,000 psi, OK. Perf 5650' and 5666' with 3 JH in a plane. Acdz w/ 500 gal. Flowed 221 BO in 10 hrs. Set Model 'D' pkr at 5635' on WL. Dual completed. Acdz Paddock w/ 500 gal 15%.

2/64 ETP Blinebry.

4/66 Acdz Paddock w/ 1000 gal

3/71 Acdz Paddock w/ 1000 gal.

5/79 Repair tbg leak. Acdz Paddock using RBP & pkr w/ 1500 gal 15%

7/82 Chemical Sqz Blinebry w/ Corrosion Inhibitor

2/83 Repair tbl leak & return to production

7/85 Sqzd Paddock perfs twice w/ 300 sx. Removed Model 'D' pkr. Acdz Blinebry w/ 500 gal 15% NEFE HCl. Paddock P&A'd. Blinebry completion only.

FORMATION TOPS: Rustler 1035
T/ Salt 1070
B/ Salt 2190
Yates 2392
Queen 3065
Grayburg 3430
Glorieta (Paddock) 5098
Blinebry 5310

Mat_11wb.xls
11/7/2000 10:31 AM

FILE: mat_11wb.XLS
spm 11/17/93

WELL DATA SHEET

FIELD: Eunice Monument **WELL NAME: G. C. Matthews #12** **FORMATION: Yates**

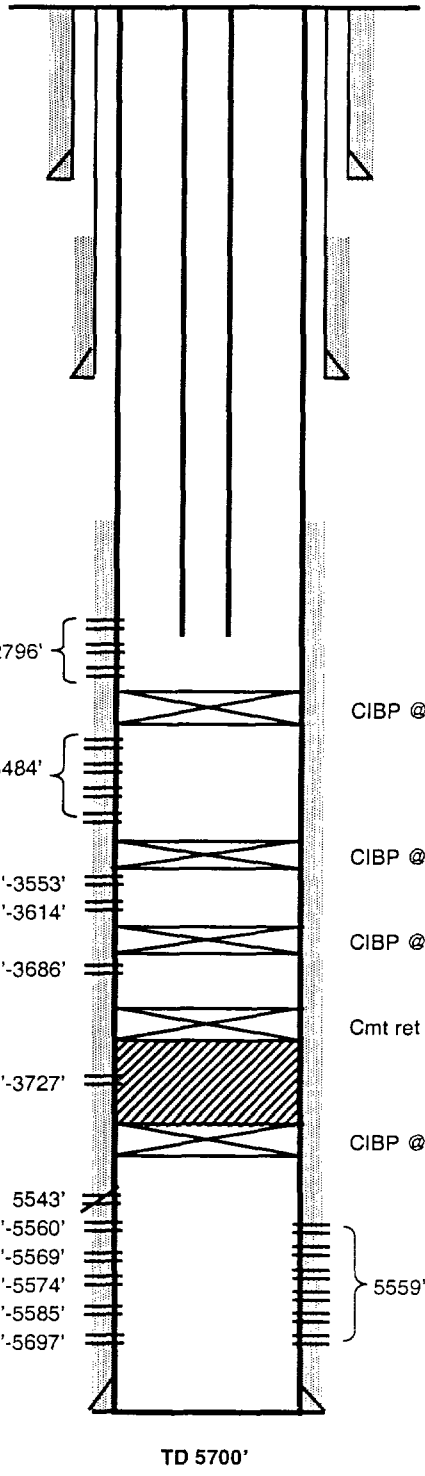
LOC: 330' FSL & 990' FEL
TOWNSHIP: 20S
RANGE: 37E

SEC: 6
COUNTY: Lea
STATE: NM

GL: 3556'
KB to GL: 11'
DF to GL:

CURRENT STATUS:
API NO: 30-025-05953
REFNO: FA7075

Date Completed: 10/26/54
Initial Formation:



13-3/8" OD, 48#
Surf Pipe set @ 408'
W/400 sx cmt
Circulated to surface.

9 5/8" OD, 36# Csg
Set @ 2899' w/1575 sx cmt
TOC @ 420' by TS.

Formation Tops

Rustler	1025
T/Salt	1080
B/Salt	2040
Yates	2423
7-Rivers	2723
Queen	3093
Grayburg	3392
San Andres	3760
Glorieta	5070
Blinebry	5658

7" OD, 20 & 23# Csg
Set @ 5699' w/400 sx cmt.
TOC @ 2100' by TS.

TD 5700'

Completion Data:
Perf 7" csg @ 5662'-5697' w/4 1/2" JHPF. Acdz w/1000 gals 15% NE acid. Swb & well kicked off flowing.

Subsequent Operations:

08/61 CO 5626'-5697'. Acdz w/1000 gals 15% NEA.

07/62 Perf 5583'-5585', 5572'-5574', 5567'-5569', & 5558'-5560'. Acdz 5558'-5583' w/750 gals 15% NEA. Swb dry, rec 20 bw & no oil. Acdz w/3000 gals 15% NEA. Swb 90 bw, no oil. Set CIBP @ 5550' & perf 5543'. Set ret @ 5500' & obtain 5000# sqz. Drill out BP & ret. Found bottom @ 5680'. Perf 5661'-5678' w/4 holes in following intervals: 5661'-62', 5665'-66', 5669'-70', 5673'-74', 5677'-78' & flat plans @ 5584', 5573', 5568', & 5559'. Acdz perfs 5661'-78' w/500 gals 15% NEA. Acdz perfs 5559'-84' w/1000 gals reg NEA. Swb 104 bw & no oil. Pull tbg & cap well.

11/70 Set CIBP @ 5409', PBTD @ 5400'. Perf 7" csg @ 3722'-27' w/8 1/2" JH. Spotted 500 gals 15% NEA on bottom. Set cmt ret @ 3712'. Sqz perfs 3722'-27' w/150 sx cmt. Perf 7" csg 3682'-86' w/2 1/2" JHPF, 8 holes. Pmp fresh acid across perfs. Set model K BP @ 3657', PBTD @ 3650'. Perf 7" csg @ 3612'-14', 3551'-53', 3482'-84', & 3425'-27' w/2 1/2" JHPF. Acdz w/3000 gals 15% NEA, used 20 sealers.

03/71 Scale treat.

04/78 Swb tst perfs 3425'-3614'. Set CIBP @ 3525'. Install prod test equip. Pumped all water. POH w/rods & pmp. Well TA.

06/97 PU 106 jts tbg, tag @ 3390'. TOH w/tbg. Perf @ 3282'-84', 3272'-74', 3260'-62', 3246'-48', 3230'-32', 3220'-22', 3196'-98', 3169'-71', 3148'-50', 3120'-22', 3102'-04' w/1 JHPF. 22 holes total. Acdz perfs 3102'-3284' w/1600 gals 15% and 40 1.3 RCNBs. Frac w/838 bbls gel, 677 bbls CO2 & 181,000# 12/20 sand. CO sand f/3252' to 3386'.

07/97 Set CIBP @ 2950'. Perf 2796', 2794', 2790', 2788', 2748', 2746', 2716', 2718', 2602', 2600', 2590', 2588', 2550', & 2548' w/4" csg guns, 1/JHPF. Acdz w/1500 gals, dropping 40 RCNBs. Frac w/57,500 gals 75/60/50 Quality CO2 foam & 169,800# 12/20 Brady sand.

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

October 26, 2000

Chevron U.S.A. Production Company
P. O. Box 1150
Midland, Texas 79702

Attention: Lloyd V. Trautman

Re: ***Application for administrative approval for Chevron U.S.A. Production Company's existing G. C. Matthews Well No. 12 (API No. 30-025-05953) located 330' FSL & 990' FEL (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be deepened to the Undesignated West Monument-Tubb Gas Pool and completed at the above-described unorthodox gas well location within the SE/4 of Section 6, being a standard 160-acre gas spacing and proration unit for this pool.***

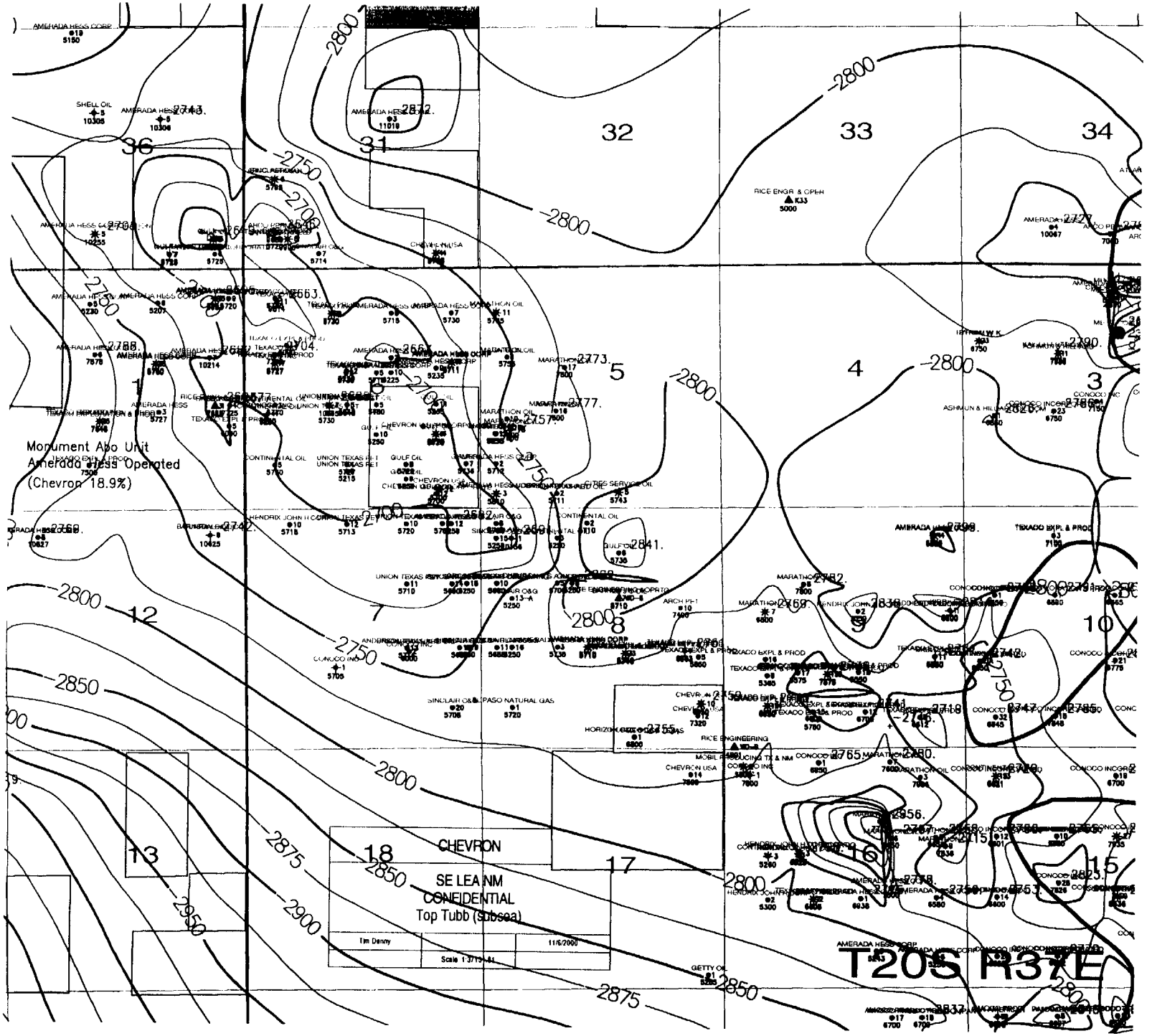
Dear Mr. Trautman:

In reviewing the subject application I can't help but notice the availability of several other Chevron owned wells within the SE/4 of Section 6 located at standard gas well locations that could be deepened or others that would require a recompletion to add the Tubb interval. Why was this well chosen?

Sincerely

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Hobbs


Monument Abo Unit
Amerada Hess Operated
(Chevron 18.9%)
CHEVRON
SE LEA NM
CONFIDENTIAL
Top Tubb (Subsea)
Tim Denny
11/6/2000
Scale 1:3719.41
T20S R37E
2800
2750
2850
2900
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2875
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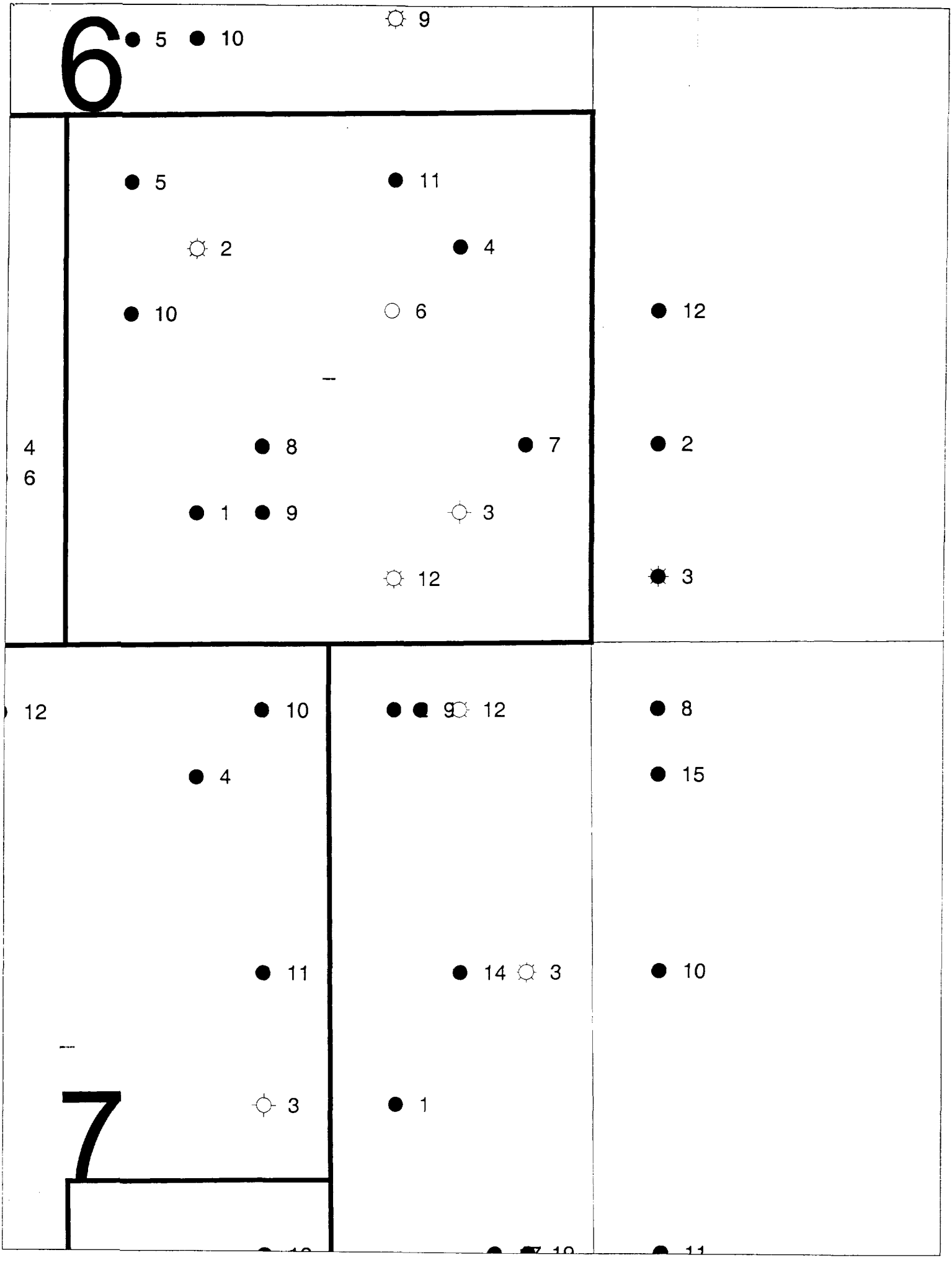
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