

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

AMENDED 06-

|                                                                                                  |                               |                      |                                 |               |                                                |
|--------------------------------------------------------------------------------------------------|-------------------------------|----------------------|---------------------------------|---------------|------------------------------------------------|
| Operator<br>ESTORIL PRODUCING CORPORATION                                                        |                               | Lease<br>CURRY STATE |                                 | Well No.<br>1 |                                                |
| Unit Letter<br>A                                                                                 | Section<br>22                 | Township<br>23 S     | Range<br>34 E                   | County<br>LEA |                                                |
| Actual Footage Location of Well:<br>660 feet from the NORTH line and 660 feet from the EAST line |                               |                      |                                 |               |                                                |
| Ground Level Elev.<br>3400.8                                                                     | Producing Formation<br>STRAWN |                      | Pool<br>ANTELOPE RIDGE (STRAWN) |               | Dedicated Acreage:<br><del>230</del> 320 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

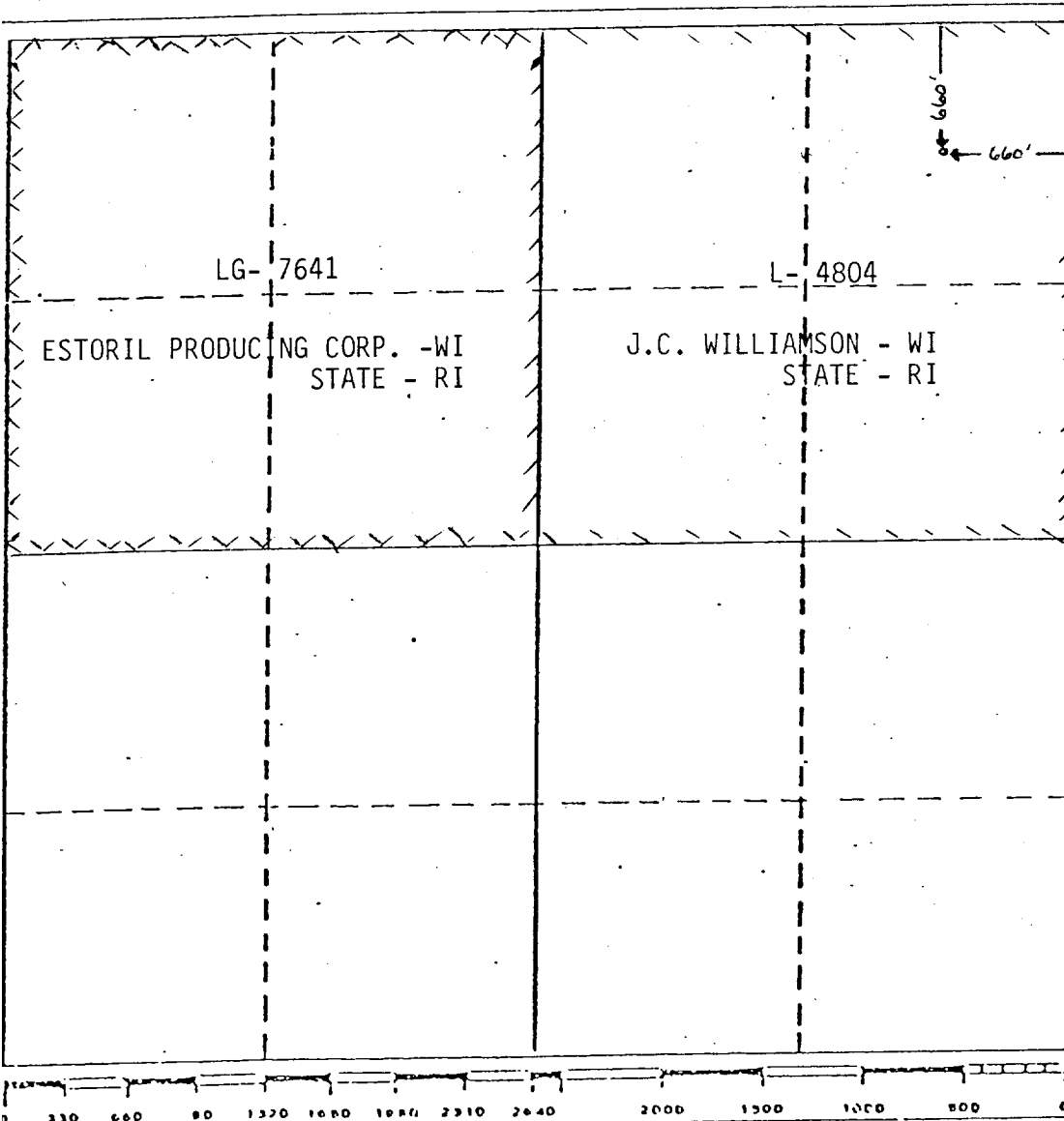
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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?

☐ Yes ☐ No If answer is "yes," type of consolidation ~~COMMUNITIZED~~ COMMUNITIZED

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

DANIEL T. MILLER

Position

AGENT FOR

Company

ESTORIL PROD. CORP.

Date

06-04-81

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  
MAY 7, 1980Registered Professional Engineer  
and/or Land Surveyor

Signed by John West

Certificate No.



COUNTY LEA FIELD Unnamed STATE NM  
 OPR CURRY RESOURCES API 30-025-26848  
 NO 1 LEASE Curry State MAP  
Sec 22, T23S, R34E CO-ORD  
660 FNL, 660 FEL of Sec 5-1-17 NM  
25 mi SE/Halfway RE SPD 12-21-84 RE MP 1-4-85

| CSC                            | WELL CLASS: INIT DX FIN *WPD LSE. CODE |               |           |        |
|--------------------------------|----------------------------------------|---------------|-----------|--------|
|                                | FORMATION                              | DATUM         | FORMATION | DATUM  |
| 16-592-450 SX                  |                                        |               |           |        |
| 10 3/4-5105-3725 SX            |                                        |               |           |        |
| 7 5/8-11,732-2497 SX           |                                        |               |           |        |
| 5 1/2-Inr-11,490-13,099-300 SX |                                        |               |           |        |
| 2 7/8-10,692                   |                                        |               |           |        |
|                                | TD                                     | 13,205 (MRRW) | PBD       | 11,462 |

IP (Bone Spring) Perfs \*9107-10,690 P 38 BOPD. Pot based  
 on 24 hr test. GOR TSTM; gty 41.5

CONTR OPRSELEV 3401 GR, 3420 KB SUBS

F.R.C. 5-4-85 OWWO  
 PD 11,462 WO  
 (Orig. Estoril Producing Corp., Cmp. 6-24-81  
 thru (Strawn) Perfs 11,930-12,116, OTD 13,205,  
 OPB 12,475, OWWO & Re-Cmp. by Williamson,  
 J.C. 8-1-83 thru (Strawn) Perfs 12,049-12,132,  
 OTD 13,205; OPB 12,220)  
 4-29-85 TD 13,205; PBD 9235; Complete  
 PB to 11,462  
 Perf (Bone Spring) 10,630-10,690 w/18 shots  
 Acid (10,630-10,690) 8000 gals (15%)  
 Swbd w/SS (10,630-10,690)  
 Perf (Bone Spring) 9995-10,047 w/19 shots  
 Acid (9995-10,047) 8000 gals (15%)  
 Swbd 38 BF (95% oil) in 8 hrs (9995-10,047)  
 Frac (9995-10,690) 4200 gals, no sd  
 Swbd 87 BO + 87 BW (9995-10,690)  
 Perf (Bone Spring) 9732-9743, 9888-9901  
 w/12 shots

5-1-17 NM

LEA  
CURRY RESOURCES

Unnamed  
1 Curry State  
Sec 22, T23S, R34E

NM  
Page #2

4-29-85 Continued  
Acid (9732-9901) 10,000 gals (15%)  
Swbd 2.5 BOPH (9732-9901)  
Perf (Bone Spring) 9191-9218 w/9 shots  
Acid (9191-9218) 2500 gals (15%)  
Perf (Bone Spring) 9107-9165 w/17 shots  
Acid (9107-9165) 7500 gals (15%)  
\*Bone Spring Discovery; Suggested Field  
Name - Antelope Ridge W

\*Denotes changes & additions

5-1-17 NM

5-4-85 COMPLETION ISSUED  
6-29-85 RE-ISSUED COMPLETION: Formerly Antelope  
Ridge NW & 9218

5-1-17 NM  
IC 30-025-70208-85

COUNTY **LEA** FIELD **Antelope Ridge NW** STATE **NM**  
 OPR **CURRY RESOURCES** API **30-025-26848**  
 NO **1** LEASE **Curry State** MAP  
 Sec **22, T23S, R34E** CO-ORD  
**660 FNL, 660 FEL of Sec** **5-1-17 NM**  
**25 mi SE/Halfway** Re SPD **12-21-84** Re **1-4-85**

| CSC                        | WELL CLASS: INIT DX FINDO LSE CODE |       |            |       |
|----------------------------|------------------------------------|-------|------------|-------|
|                            | FORMATION                          | DATUM | FORMATION  | DATUM |
| 16-592-450 sx              |                                    |       |            |       |
| 10 3/4-5105-3725 sx        |                                    |       |            |       |
| 7 5/8-11,732-2497 sx       |                                    |       |            |       |
| 5 1/2-11,490-13,099-300 sx |                                    |       |            |       |
| 2 7/8-10,692               |                                    |       |            |       |
|                            | ID 13,205 (MRRW)                   |       | PBD 11,462 |       |

IP (Bone Spring) Perfs 9218-10,690 P 38 BOPD. Pot based on  
 24 hr test. GOR TSTM; gty 41.5

CONTR OPR5 ELEV 3401 GR, 3420 KB SWS3

F.R.C. 5-4-85 OWWO  
 PD 11,462 WO  
 (Orig. Estoril Producing Corp., Cmp. 6-24-81  
 thru (Strawn) Perfs 11,930-12,116, OTD 13,205,  
 OPB 12,475, OWWO & Re-Cmp. by Williamson,  
 J.C. 8-1-83 thru (Strawn) Perfs 12,049-12,137  
 OTD 13,205; OPB 12,220)  
 4-29-85 TD 13,205; PBD 9235; Complete  
 PB to 11,462  
 Perf (Bone Spring) 10,630-10,690 w/18 shots  
 Acid (10,630-10,690) 8000 gals (15%)  
 Swbd w/SS (10,630-10,690)  
 Perf (Bone Spring) 9995-10,047 w/19 shots  
 Acid (9995-10,047) 8000 gals (15%)  
 Swbd 38 BF (95% oil) in 8 hrs (9995-10,047)  
 Frac (9995-10,690) 4200 gals, no sd  
 Swbd 87 BO + 87 BW (9995-10,690)  
 5-1-17 NM

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LEA  
CURRY RESOURCES

Antelope Ridge NW  
1 Curry State  
Sec 22, T23S, R34E

NM  
Page #2

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4-29-85      Continued  
Perf (Bone Spring) 9732-9743, 9888-9901  
w/12 shots  
Acid (9732-9901) 10,000 gals (15%)  
Swbd 2.5 BOPH (9732-9901)  
Perf (Bone Spring) 9191-9218 w/9 shots  
Acid (9191-9218) 2500 gals (15%)  
Perf (Bone Spring) 9107-9165 w/17 shots  
Acid (9107-9165) 7500 gals (15%)

5-4-85      COMPLETION ISSUED

5-1-17 NM  
IO 30-025-70208-85

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COUNTY **LEA**

FIELD **Antelope Ridge**

STATE **NM**

OPR **ESTORIL PRODUCING CORP.**

API **30-025-26848**

NO **1** LEASE **Curry State**

MAP

**Sec 22, T23S, R34E**

RECORD

**660 FENL, 660 FEL of Sec**

**7-2-42 NM**

**25 mi SE/Halfway**

SPD **7-17-80** CMP **6-24-81**

CSC **16-592-450 sx**

WELL CLASS INIT D FIN DG LSE CODE

**10 3/4-5105-3725 sx**

FORMATION DATE M FORMATION DATE M

**7 5/8-11,732-2497 sx**

**5 1/2-Inr-11,490-13,099-300 sx**

**2 7/8-11,490**

TD **13,205 (MRRW)** PRD **12,475**

IP (Strawn) Perfs 11,930-12,116 F 1600 MCFGPD. Pot based on  
6 hr 30 min test thru (NR) chk. GOR (NR); gty (Gas) (NR);  
(Cond) 67; CP Pkr; TP 4400

LOSER TOT #2

CORREL: 3401 GL, 3420 KB

sub-s. 17

F.R. 6-9-80

PD 13,500 RT (Morrow)

11-4-80 Drlg 7021

11-12-80 Drlg 9448

12-5-80 Drlg 11,881

12-10-80 Drlg 12,252

1-6-81 Drlg 13,090 "Tight"

1-13-81 Drlg 13,101 "Tight"

1-20-81 Drlg 13,168 "Tight"

1-28-81 Drlg 13,205 "Tight"

2-4-81 TD 13,205 "Tight"

2-21-81 TD 13,205 ; SI

Tstd OH (13,099-205), Sloughing badly; Could  
not clean up

4-1-81 TD 13,205; PRD 12,771; SI

BP @ 13,036

7-2-42 NM

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LEA  
ESTORIL PRODUCING  
CORP.

Antelope Ridge  
1 Curry State  
Sec 22, T23S, R34E

NM  
Page #2

4-1-81 Continued  
Perf (Morrow) @ 12,985, 12,987, 12,989, 12,994,  
12,999, 13,001, 13,003, 13,007, 13,009 w/1 SPI  
Acid (12,985-13,009) 6000 gals  
Well would not flow after treatment  
Perf (Morrow) @ 12,824, 12,825, 12,826, 12,827,  
12,828, 12,829, 12,844, 12,848, 12,850, 12,851,  
12,852 w/1 SPI  
Acid (12,824-13,009) 6000 gals  
No test gauge (12,824-13,009)  
BP @ 12,771  
4-29-81 TD 13,025; PBD 12,475; Tstg

7-2-42 NM

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4-29-81 Continued  
Perf (Atoka) @ 12,545, 12,546, 12,549, 12,565,  
12,568, 12,570, 12,572, 12,574, 12,579, 12,581,  
12,583, 12,584, 12,727, 12,728, 12,729, 12,734  
12,735, 12,750, 12,751, 12,752, 12,753 w/1 SPI  
Acid (12,545-753) 7000 gals  
Flwd @ 200 MCFGPD (12,545-753)  
BP @ 12,475  
Perf (Strawn) 11,943-12,101 w/34 shots (overall)  
Acid (11,943-12,101) 20,000 gals  
Flwd 300 MCFGPD-had leak in tbg (11,943-12,101)  
Perf (Strawn) 11,930-12,116 w/30 shots (overall)  
Acid (11,930-12,116) 21,000 gals  
7-6-81 TD 13,205; PBD 12,475; Complete

7-2-42 NM

LEA  
ESTORIL PRODUCING  
CORP.

Antelope Ridge  
1 Curry State  
Sec 22, T23S, R34E

NM  
Page #3

7-6-81

Continued

Frac (11,930-12,116) 80,000 gals (no sd)  
LOG TOPS: Delaware 5018, Canyon 5995, Bone  
Spring 8523, Wolfcamp 11,650, Strawn 11,921,  
Atoka 12,110

7-11-81

LOGS RUN: GRNL, DENL, DILL

2-27-82

COMPLETION ISSUED

RE-ISSUE TO SHOW ADDITIONAL & CORRECTED  
INFORMATION

7-2-42 NM  
IC 30-025-70257-80

COUNTY LEA FIELD Antelope Ridge STATE NM  
 OPR ESTORIL PRODUCING CORP. API 30-025-26848  
 NO 1 LEASE Curry State MAP  
Sec 22, T23S, R34E CO-ORD  
660 FNL, 660 FEL of Sec 7-2-42 NM  
25 mi SE/Halfway SPD 7-17-80 CMP 6-19-81

| CSC                            | WELL CLASS: INIT D FIN DG LSE. CODE |       |            |       |
|--------------------------------|-------------------------------------|-------|------------|-------|
|                                | FORMATION                           | DATUM | FORMATION  | DATUM |
| 16-592-450 sx                  |                                     |       |            |       |
| 10 3/4-5105-3725 sx            |                                     |       |            |       |
| 7 5/8-11,732-2497 sx           |                                     |       |            |       |
| 5 1/2-1nr-11,490-13,099-300 sx |                                     |       |            |       |
| 2 7/8-11,490                   |                                     |       |            |       |
|                                | TD 13,205 (MRRW)                    |       | PBD 12,475 |       |

IP (Strawn) Perfs 11,930-12,106 F 2200 MCFGPD. Pot based on  
 24 hr test thru 16/64 chk. GOR (NR); gty (NR); CP 600; TP (NA)

CONTR TOT #2 OPRSELEV 3401 GL sub-s 18

F.R. 6-9-80  
 PD 13,500 RT (Morrow)  
 11-4-80 Drlg 7021  
 11-12-80 Drlg 9448  
 12-9-80 Drlg 11,881  
 12-16-80 Drlg 12,252  
 1-6-81 Drlg 13,090 "Tight"  
 1-13-81 Drlg 13,101 "Tight"  
 1-20-81 Drlg 13,168 "Tight"  
 1-28-81 Drlg 13,205 "Tight"  
 2-4-81 TD 13,205 "Tight"  
 2-21-81 TD 13,205; SI  
 Fstd OH (13,099-205), Sloughing badly; Could not  
 clean up  
 4-1-81 TD 13,205; PBD 12,771; SI  
 BP @ 13,036  
 Perf (Morrow) @ 12,985, 12,987, 12,989, 12,994,  
 12,999, 13,001, 13,003, 13,007, 13,009 w/1 SPI  
 7-2-42 NM

LEA  
ESTORIL PRODUCING CORP. 1 Curry State  
Antelope Ridge  
Sec 22, T23S, R34E

NM  
Page #2

4-1-81 Continued  
Acid (12,985-13,009) NA  
Well would not flow after treatment  
Perf (Morrow) @ 12,824, 12,825, 12,826, 12,827,  
12,828, 12,829, 12,844, 12,848, 12,850, 12,851,  
12,852 w/1 SPI  
Acid (12,824-13,009) 6000 gals  
No test gauge (12,824-13,000)  
BP @ 12,771  
4-29-81 TD 13,025; PBD 12,475; Tstg  
Perf (Atoka) @ 12,545, 12,546, 12,549, 12,565,  
12,568, 12,570, 12,572, 12,574, 12,579, 12,581  
12,583, 12,584, 12,727, 12,728, 12,729, 12,734  
7-2-42 NM

4-29-81 Continued  
12,735, 12,750, 12,751, 12,752, 12,753 w/1 SPI  
Acid (12,545-753) 7000 gals  
Flwd @ 200 MCFGPD (12,545-753)  
BP @ 12,475  
Perf (Strawn) 11,943-12,101 w/34 shots (overall)  
Aicd (11,943-12,101) 20,000 gals  
Flwd 300 MCFGPD- had leak in tbg (11,943-12,101)  
Perf (Strawn) 11,930-12,106 w/30 shots  
(overall)  
Acid (11,930-12,106) 20,000 gals  
7-6-81 TD 13,205; PBD 12,475; Complete  
7-11-81 COMPLETION ISSUED

7-2-42 NM  
IC 30-025-70257-80

J. C. Williamson  
Riate-Oil-&-Gas-Cor-Inc  
Gurry-Resources-

Unit A S 22 T 23 R 34[illegible]



J. C. Williamson  
Rata Oil & Gas Co., Inc.  
Gurry Resources

Well No. 1 Unit G S 21 E 23 - 34

[illegible]

