

# WRS COMPLETION REPORT

COMPLETIONS  
PI# 30-T-0013

02/02/90

SEC 9 TWP 22S RGE 34E  
30-025-30686-0000

PAGE 1

NMEX  
STATE

LEA  
COUNTY

\* 660FNL 1980FEL SEC  
FOOTAGE

NW NE  
SPOT

D DG  
WELL CLASS INT

ORYX ENERGY  
OPERATOR

GRAMA RIDGE FEDERAL  
LEASE NAME

GRAMA RIDGE  
FIELD POOL AREA

1  
WELL NO.

3626KB 3600GR  
OPER ELEV

API 30-025-30686-0000  
PERMIT OR WELL I.D. NO.

GAS  
STATUS

10/14/1989 12/03/1989 ROTARY  
SPUD DATE COMP. DATE TYPE TOOL

VERT  
HOLE TYPE

RIG SUB 25  
FORM T.D.

13700 MORROW  
PROJ. DEPTH

WILLBROS DRLG  
CONTRACTOR

FM/TD MORROW L  
FORM T.D.

DTD 13350  
DRILLERS T.D.

LOG T.D.

PB 13262  
PLUG BACK TO OLD T.D.

18 MI SE HALFWAY, NM

## CASING/LINER DATA

CSG 13 3/8 @ 1720 W/ 1300 SACKS  
CSG 9 5/8 @ 5000 W/ 2025 SACKS  
CSG 7 @ 11700 W/ 1100 SACKS  
LNR 4 1/2 11468-13348

W/ 280S

## TUBING DATA

TBG 2 3/8 AT 12955 2 7/8 AT 12955 COMB STRING  
INITIAL POTENTIAL

24HRS

IPF MORROW L PERF 8494 MCFD  
SITP 5200 W/ 120/IT 13019-13039

@13026FT  
6/64CK 837MCFD TP 5148 BHFP 5167  
7/64CK 1578MCFD TP 5010 BHFP 5032  
8/64CK 2501MCFD TP 4865 BHFP 4895  
9/64CK 3285MCFD TP 4660 BHFP 4700  
FPCAOF 8494MCFD  
BH 5210  
GTY 53.5 GOR105667  
GAS GTY .642  
P/L CON NONE  
FIELD /RESERVOIR  
/MORROW

CONTINUED IC# 300257027189

Petroleum Information

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ORYX ENERGY  
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GRAMA RIDGE FEDERAL  
INITIAL POTENTIAL

D DG

1ST THRU 4TH PT TEST IN 60 MINS

| TYPE                        | FORMATION | LTH | TOP   | DEPTH/SUB | BSE | DEPTH/SUB |
|-----------------------------|-----------|-----|-------|-----------|-----|-----------|
| LOG                         | BONE SPG  |     | 8442  | -4842     |     |           |
| LOG                         | WOLFCAMP  |     | 11258 | -7658     |     |           |
| LOG                         | STRAWN    |     | 11653 | -8053     |     |           |
| LOG                         | ATOKA     |     | 11900 | -8300     |     |           |
| LOG                         | MORROW    |     | 12492 | -8892     |     |           |
| LOG                         | MORROW L  |     | 12978 | -9378     |     |           |
| SUBSEA MEASUREMENTS FROM GR |           |     |       |           |     |           |

PRODUCTION TEST DATA

PTF 35BCPD 3285 MCFD 10/64CK 24HRS  
MORROW L PERF  
PERF 13019-13039 W/ 120/IT 13019-13039  
TP 4660  
FCP PKR  
NATURAL

LOGS AND SURVEYS /INTERVAL, TYPE/

|                       |                 |                 |
|-----------------------|-----------------|-----------------|
| LOGS 5300-11680 DISF  | 5300-11680 GR   | 5300-11677 SDBL |
| LOGS 5300-11677 CNL   | 5300-11677 CAL  | 5300-11677 GR   |
| LOGS 11689-13334 SPCT | 11689-13334 DSN | 11689-13334 DI  |
| LOGS 11689-13334 CAL  | 11468-13230 CBL | 11468-13230 VD  |
| LOGS 11468-13230 GR   | 11468-13230 CCL | 11468-13230 RFT |

DRLG SHOWS OR POROSITY ZONES /INTERVAL, FORMATION, DESC  
12376-12380 ATOKA OIL 13198-13204 MORROW L GAS

DRILLING BREAKS

12211-12215 NS  
12376-12380 (ATOKA) SLI SHW  
12704-12718 NS  
13198-13204 (MORROW L) W/GAS FLARE

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CONTINUED

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D DG

ORYX ENERGY  
1

GRAMA RIDGE FEDERAL

DRILLING PROGRESS DETAILS

ORYX ENERGY  
BOX 1861  
MIDLAND, TX 79702  
915-688-0300  
LOC/1989/  
09/22 DRLG, NO DETAILS  
10/16 DRLG, NO DETAILS  
11/20 DRLG, NO DETAILS  
11/30 DRLG, NO DETAILS  
12/06 13350 TD, LDDP  
12/06 DEVIATION SURVEYS @ 300 (1/4 DEG), 650 (1/2 DEG)  
1020 (1/2 DEG), 1150 (3/4 DEG), 2146 (1/2 DEG),  
2475 (1 1/2 DEG), 2766 (3/4 DEG), 3190 (2 1/4  
DEG), 3497 (1 1/2 DEG), 3715 (2 DEG), 3800 (2  
1/4 DEG), 3994 (1 1/2 DEG), 4298 (1 DEG), 4650  
(3/4 DEG), 5126 (1 1/2 DEG), 5420 (3/4 DEG),  
5731 (1/2 DEG), 6053 (3/4 DEG), 6414 (3/4 DEG),  
6706 (3/4 DEG), 7020 (1/2 DEG), 7270 (1/4 DEG),  
7548 (1/4 DEG), 7877 (1/2 DEG), 8200 (3/4 DEG),  
8498 (3/4 DEG), 8800 (1 1/2 DEG), 9022 (3/4 DEG),  
9300 (1/2 DEG), 9589 (1 1/4 DEG), 9880 (3/4 DEG),  
10127 (1 DEG), 10488 (2 1/2 DEG), 10688 (2 1/2  
DEG), 10871 (2 1/4 DEG), 11072 (2 DEG), 11272  
(2 1/4 DEG), 11483 (1 DEG), 11700 (3/4 DEG),  
11927 (1 3/4 DEG)  
12/13 13350 TD, PB 13262, WOCT  
12/19 13350 TD, PB 13262, MICT  
12/27 13350 TD, PB 13262, TSTG  
01/12 13350 TD, PB 13262, WOPT  
01/30 LOCAL CALL: ATOKA C 12185  
RFT @ 11770, REC 25 CFT GAS, 1500 CC COND @  
7273 PSI  
RFT @ 13021, REC 80 CFT GAS, 1500 CC COND @  
7273 PSI  
TD REACHED 11/30/89 RIG REL 12/06/89  
01/30 13350 TD, PB 13262  
COMP 12/3/89, IPCAOF 8494 MCFGPD, GOR  
105667, GTY 53.5, GTY (GAS)  
.642, SIWHP 5200, SIBHP 5210  
PROD ZONE - MORROW 13019-13039  
NO CORES OR DSTS RPTD

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

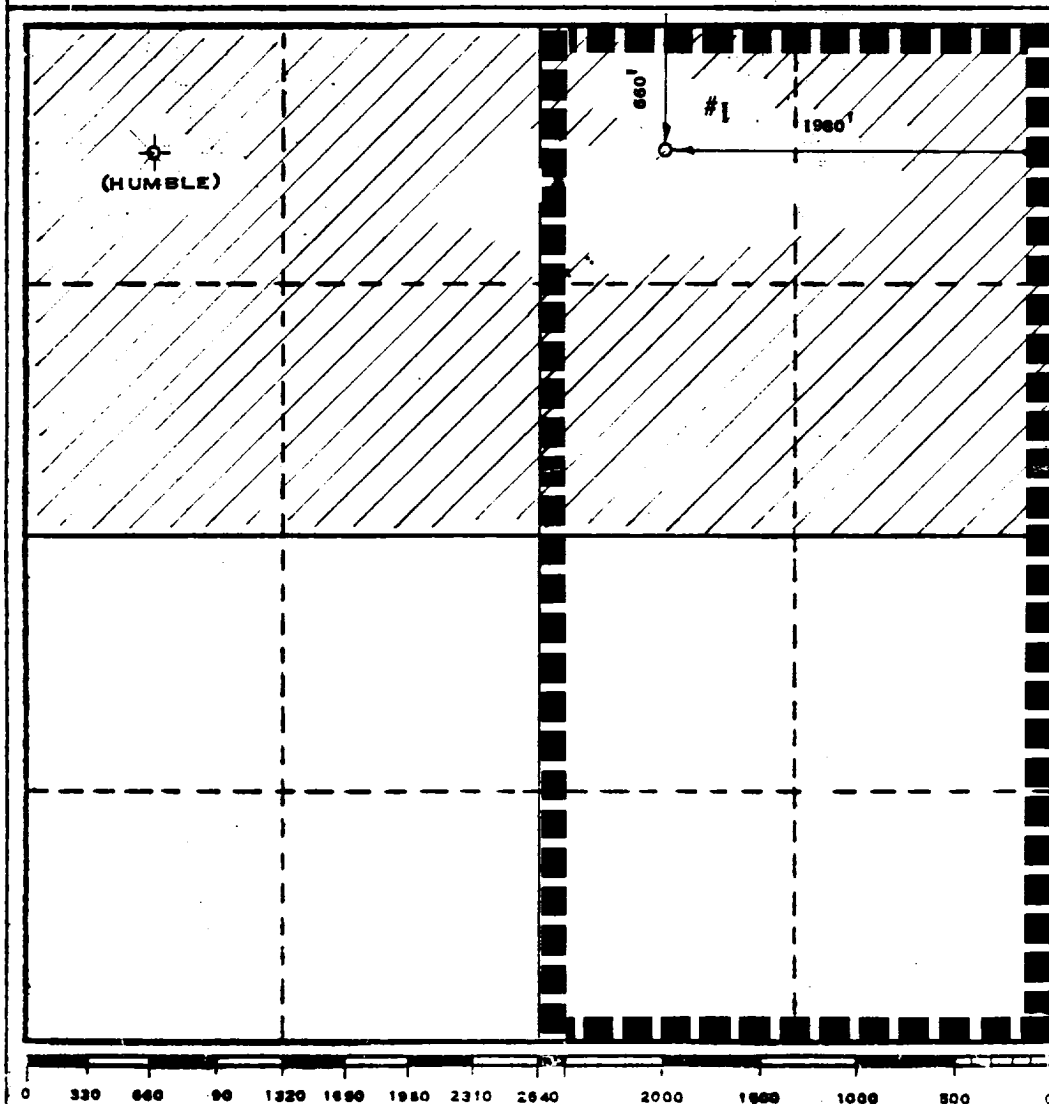
|                                                                                                                                                                                                               |                                      |                                       |                                  |                                        |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|----------------------------------|----------------------------------------|-------------------|
| Operator <b>ORYX ENERGY COMPANY</b>                                                                                                                                                                           |                                      |                                       | Lease <b>GRAMA RIDGE-FEDERAL</b> |                                        | Well No. <b>1</b> |
| Unit Letter<br><b>"B"</b>                                                                                                                                                                                     | Section<br><b>9</b>                  | Township<br><b>22-S</b>               | Range<br><b>34-E</b>             | County<br><b>LEA</b>                   |                   |
| Actual Footage Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span>660 feet from the <b>NORTH</b> line and</span> <span>1980 feet from the <b>EAST</b> line</span> </div> |                                      |                                       |                                  |                                        |                   |
| Ground Level Elev.<br><b>3600</b>                                                                                                                                                                             | Producing Formation<br><b>MORROW</b> | Pool<br><b>GRAMA-RIDGE MORROW GAS</b> |                                  | Dedicated Acreage:<br><b>320</b> 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 Pooling

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 Commission.



**CERTIFICATION**

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

Name Maria L. Perez  
 Position Proration Analyst  
 Company Oryx Energy Company  
 Date 3-28-90

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 AUGUST 18, 1989  
 Registered Professional Engineer and Land Surveyor Max A. Schumann Jr.  
 MAX A SCHUMANN JR

Certificate No. 1510