

*See Instructions On Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Bureau Form No. 1004-0135
Effective March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

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

2. Name of Operator

Enron Oil & Gas Company

3. Address and Telephone No.

P. O. Box 2267, Midland, Texas 79702 (915) 686-3714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

530' FSL & 330' FEL
Section 33, T25S, R34E

Unit P

5. Lease Designation and Serial No.

NM NM 92200

6. Well Owner, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mitchell Olsen 33 Federal #1

9. API Well No.

10. Field and Pool, or Exploratory Area

Red Hills Bone Spring

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other: Amended Location
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Location moved 200' to the north from 330' FSL per Barry L. Hunt.

New plat attached.



14. I hereby certify that the foregoing is true and correct

Signed Betty Gildorf Betty Gildorf Title: Regulatory Analyst

Date: 2/4/97

(This space for Federal or State office use)

Approved by: ORIG. SGD. TONY L. FERGUSON
Conditions of approval, if any:

Title: ADM. MINERAL

Date: 3/28/97

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

<div data-bbox="30 1072 276 1319" data-label="Text"><p>16</p></div>		<div data-bbox="566 1144 935 1515" data-label="Image"></div>	<div data-bbox="1057 1072 1533 1319" data-label="Text"><p>17 OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><div data-bbox="1057 1249 1440 1351"><p><i>Betty Gildon</i></p><p>Signature</p></div><div data-bbox="1057 1361 1287 1391"><p>Betty Gildon</p><p>Printed Name</p></div><div data-bbox="1057 1423 1378 1453"><p>Regulatory Analyst</p><p>Title</p></div><div data-bbox="1057 1485 1180 1515"><p>2/4/97</p><p>Date</p></div></div>
		<div data-bbox="750 1557 1026 2081" data-label="Text"><p>LAT.=32°04'51.85244" LONG.=103°28'00.83891" Y=394295.080 X=768357.709</p><div data-bbox="935 1968 1026 2081"><p>330'</p><p>530'</p></div></div>	<div data-bbox="1057 1319 1533 1576" data-label="Text"><p>18 SURVEYOR CERTIFICATION</p><p>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 best of my belief.</p><div data-bbox="1057 1732 1440 1804"><p>JANUARY 24, 1997</p><p>Date of Survey</p></div><div data-bbox="1057 1813 1487 1844"><p>Signature and Seal of Registered Surveyor:</p></div><div data-bbox="1057 1844 1487 2081"><div data-bbox="1057 1844 1287 1968"><p><i>Earl Footo</i></p></div><div data-bbox="1195 1761 1502 2081"></div><div data-bbox="1057 2040 1395 2081"><p>Certificate Number 8278</p></div></div></div>



DRILLING PROGRAM

Enron Oil & Gas Company
Mitchell Olsen 33 Fed, Well No. 1
330' FSL & 330' FEL
Sec. 33, T25S, R34E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Rustler	850'
Delaware Mt. Group	5175'
Bone Spring Lime	9275'
3rd Bone Spring Sand	12500'
TD	13000'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands	100'	Fresh Water
3rd Bone Spring Sand	12500'	Oil

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 11-3/4" casing at 650' and circulating cement back to surface, and 8-5/8" casing will be set at 5200' with cement circulated back to surface.

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4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight Grade Jt. Cond. Type</u>
14-3/4	0- 650'	11-3/4	42# H-40 A ST&C
11	0- 5200'	8-5/8	32# J-55 ST&C
7-7/8	0- 6500'	5-1/2	17# P-110 LT&C
	6500'-13000'	5-1/2	17# S-95 LT&C

Cementing Program:

11-3/4" Surface casing: Cement to surface with 250 sx of Class C + 2% CaCl₂ + 1/4#/sx flocele.

8-5/8" Intermediate: Cement to surface with 800 sx of Premium Plus lite + 15#/sx salt + 1/4#/sx Flocele and 300 sx Cl C + 2% CaCl₂

5-1/2" Prod casing: Cement with 1200 sx 50/50 Cl H/Poz + 2% gel + .4% CF-14, .1% Diacel LWL. This cement slurry is designed to bring TOC to 7500'.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11-3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000 psi and the annular to 70% of rated working pressure (3500 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 5000 psi WP rating.

ENRON OIL & GAS COMPANY
Mitchell Olsen 33 #1

