

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: 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: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	5. Lease Designation and Serial No. SF 079601
2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.	6. If Indian, Alottee or Tribe Name
3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter G : 1650 Feet From The NORTH Line and 1650 Feet From The EAST Line Section 20 Township 25N Range 03W	8. Well Name and Number LYDIA RENTZ 7 A
	9. API Well No. 3003925378
	10. Field and Pool, Exploaratory Area WEST LINDRITH GALLUP/DAKOTA
	11. County or Parish, State RIO ARRIBA , NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> OTHER: <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water
<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>	

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.) *

TEXACO E. & P., INC. PROPOSES TO COMPLETE THE FOLLOWING WELL IN THE MESA VERDE FORMATION.

UPON COMPLETION OF THIS WORKOVER, THE MESA VERDE WILL BE DOWN-HOLE COMMINGLED WITH THE EXISTING WEST LINDRITH GALLUP/DAKOTA PRODUCTION. COMMINGLE AUTHORIZATION IS PENDING N.M.O.C.D. APPROVAL.

THE ATTACHED PROCEDURE WILL BE USED. PLEASE REFERENCE THE ATTACHED WELLBORE DIAGRAMS.

RECEIVED
APR 10 1995
OIL CON. DIV.
DEPT. OF THE INTERIOR

14. I hereby certify that the foregoing is true and correct		
SIGNATURE <i>Ted A. Tipton</i>	TITLE Operations Unit Manager	DATE 3/3/95
TYPE OR PRINT NAME Ted A. Tipton		
(This space for Federal or State office use)		
APPROVED BY <i>Don R. [Signature]</i>	TITLE Chief, Lands and Mineral Resources	DATE APR 03 1995
CONDITIONS OF APPROVAL, IF ANY: <i>Upon completion submit well completion report (Form 3160-4)</i>		

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.

② Contain free fluids in tank.

LYDIA RENTZ NO. 7-A
Mesaverde Workover Procedure

1. MIRUSU, POOH w/ rods, NDWH, NUBOP, POOH w/ 2-3/8" tubing.
2. RIH w/ 5-1/2" RBP on 2-3/8" TBG, set RBP @ 6020'. Test RBP and CSG to 3000 psi. Dump one SK of sand on top of RBP. Spot 500 gals 15% HCL across perf interval. POOH w/ TBG.
3. RU wireline and GIH with a 4" OD Schlumberger "Heg" cased carrier gun and perforate the following Mesaverde Interval with 4 SPF (0.39" holes), 90 degree phasing:

<u>Interval</u>	<u>Ft</u>	<u>Holes</u>
5916-5928	12'	48
4. RU Service Company. Install Frac Tree. Break down perfs (flush acid) with 2 % KCL water (establish rate and pressure).
5. Fracture stimulate perforated interval using 119,000 # 20/40 Brady Sand and 51,775 Gal 40 # Linear Gel. Tail Brady Sand with 24,000 # resin coated sand.

16,000 gals Pad
1,000 gals 1 ppg
2,000 gals 2 ppg
3,000 gals 3 ppg
5,000 gals 4 ppg
5,000 gals 5 ppg
10,000 gals 6 ppg
4,000 gals 6 ppg (Resin Sand)
5,775 gals Flush

Max Pressure 3000 psi
Average rate 40 BPM
6. Shut well in overnight to allow resin coating to cure.
7. Flow back. RIH with 2-3/8" TBG to 5922'. Cleanout if necessary. Swab/flow test Mesaverde interval. NDBOP, NUWH, RDMOSU. Obtain shut-in pressure and fluid level. Put Mesaverde on production and test.
8. If Mesaverde completion is successful, notify NMOCD Aztec District office with our intent to commingle. MIRUSU, NDWH, NUBOP. POOH with 2-3/8" TBG. RIH w/ retrieving head on 2-3/8" TBG and POOH w/ RBP @ 6020'. GIH and cleanout to PBTD. POOH. RIH w/ rods, pump and 2-3/8" production tubing. NDBOP, NUWH, RDMOSU. Put well on downhole commingled production (MV and GP/DK). Obtain stable commingled oil, gas, and water production rates for allocation formula.
9. If Mesaverde completion is unsuccessful, cement squeeze Mesaverde. MIRUSU, NDWH, NUBOP. POOH RIH w/ retrieving head on 2-3/8" tubing and POOH w/ RBP @ 6020'. GIH and cleanout to PBTD. POOH. RIH with Gallup/Dakota production equipment. NDBOP, NUWH, RDMOSU. Return well to G/DK production.



LYDIA RENTZ No. 7A

PROPOSED COMPLETION

LOCATION:

1650' FNL & 1650' FEL
SW/NE, Sec. 20, T25N, R03W
Rio Arriba County

LOCATION:

KB - 7258'
GL - 7243'

FORMATION TOPS:

Ojo Alamo 3342'
Kirtland 3456'
Fruitland 3546'
Pictured Cliffs 3704'
Lewis 3834'
Chacra 4614'
Cliff House 5394'
Menefee 5448'
Pt. Lookout 5914'
Mancos 6056'
El Vado 6764'
Gallup 7028'
Niobrara 7057'
Sanostee 7538'
Carlile 7653'
Greenhorn 7835'
Graneros 7898'
Dakota 7933'
Morrison 8157'
TD 8230'

PROPOSED PERFS:

6916' - 6928', 4 SPF

GALLUP PERFS:

7057'-72' 4 SPF, 0.39" Holes
Frac w/ 88158 gl XL gel, 222000# 20/40 Sand

U. DAKOTA PERFS:

7835'-48', 4 SPF, 0.39" Holes
Frac w/ 9534 gl HCL, 68712 gl XL gel,
166270# 20/40 Sand

L DAKOTA PERFS:

8085'-8115', 4 SPF, 0.39" Holes
Frac w/ 45150 gl XL gel, 62541# 20/40 Sand

