STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State XX Fee ☐

5. State Oil & Gas Lease No.: K-4321

RECEIVED
MAR 5 1980
O. C. D.
ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name: -

Name of Operator: A. NELSON MUNCY

8. Farm or Lease Name: ALTO STATE

Address of Operator: BOX 1037 ARTESIA, N.M. 88210

9. Well No.: ONE

Location of Well: UNIT LETTER G, 1980 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE EAST LINE, SECTION 1 TOWNSHIP 15S RANGE 29E NMPM.

10. Field and Pool, or Wildcat: UND. DOUBLE-L QUEEN

15. Elevation (Show whether DF, RT, GR, etc.): 3873' Ground

12. County: Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐ CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER PERF & FRAC (INITIAL) XX

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

October 18, 1979

Perf Well 1943-48'(2-Shots/Foot=12 Total Shots) DRESSER-ATLAS

Frac Well @ 18-Bbls/Min. 1250 PSI - 20,000 Gal & 22,000 # Sand

(Dowell Procedure Enclosed) DOWELL

Results: Recovered approximately ½ of the frac fluid, (250 bbls) with pump. Well tested 1 BOPD and 150 MCF gas per day (24-hr. one point)

Well tended to load with frac sand and block perforations, thus reducing oil and gas production.

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

SIGNED A. NELSON MUNCY TITLE OPERATOR DATE 10/21/79

A. Nelson Muncy

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR 11 1980

CONDITIONS OF APPROVAL, IF ANY:

DOWELL

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

REMIT TO: DOW CHEMICAL USA, DOWELL DIVISION, P O BOX 84921, DALLAS TX 75284

INVOICE

[illegible]
[illegible]

P O DRAWER 1337
ARTESIA NM [illegible]

1

WATER FRAC

[illegible]	NM	CHAVES	ARTESIA	[illegible]
[illegible]			10/18/79	[illegible]

[illegible]	[illegible]	MI	MILEAGE, EACH SERVICE TRUCK
[illegible]	[illegible]	MI	MILEAGE, EACH 4-WHEEL TRAILER
[illegible]	[illegible]	GAL	[illegible]
[illegible]	[illegible]	GAL	[illegible]
[illegible]	[illegible]	GAL	[illegible]
[illegible]	[illegible]	GAL	[illegible]
[illegible]	[illegible]	GAL	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	CWT	[illegible]
[illegible]	[illegible]	CWT	[illegible] 20-40 MESH, BULK
[illegible]	[illegible]	CWT	SAND, 10-20 MESH, BULK
29110-[illegible]	[illegible]	CWT	PROP AGT PUMP CHG 20-40 SAND
29110-002	50	CWT	PROP AGT PUMP CHG 10-20 SAND
29100-100	527	[illegible]	TRANSPORTATION SAND-TON MILE
29104-050	400	[illegible]	[illegible] WATER GEL [illegible]
			SUB TOTAL

ILLEGIBLE

TERMS

DUE [illegible]
DATE [illegible]

DWL 8001

OCT. 6, 1979
SAT

NELSON MUNCY
ALTO STATE № 1
DOUBLE L QUEEN FIELD
CHAVES, NEW MEXICO

CSG 4½ - 9.5 # TO 1987
TBG 2 3/8 TO 1922
FORMATION QUEEN
PERFORATIONS 2/FT @ 1943, 44, 45, 46, 47, & 48 FOR 12 Holes

DOWELL SERVICES FRACTURING VIA 2 3/8 TBG & 4½ ANNULUS AT 18-20 BPM UP TO 2000 PSI

20,000 - GALLONS CONTINUOUS MIX REDIFRAC 30 GELLED 3% KCL
600 - LBS J 338 GEL REDIFRAC SERVICE @ 30/1000
20 - GALS EZEFLO F63 FLUID RECOVERY AGENT @ 1/1000
10 - GALS D 47 ANTI FOAM @ 10/20000
30 - GALS L53 CLAY CONTROL @ 5/1000 IN LOAD & 1st 5000 GALS OF FRA
10,000 - LBS FLA 100 HCL
10,500 - LBS 20-40 SAND
5000 - LBS 10-20 SAND
500 - GALS 15% ACID
1 - GAL A 200
1 - GAL F63
3 - GAL L53

PROCEDURE

A. RUN 2 3/8 TBG TO ± 1955 - CIRCULATE HOLE WITH 3% KCL AND SPOT 500 GALS ACID (PUMP 15 BBLS L53 KCL, 12 BBLS ACID, AND 3 BBLS L53 KCL)

B. PULL ONE JOINT TBG AND SPOT 2' SUB IN WELL HEAD - PACK O WELL HEAD

C. CONNECT DOWELL TO TBG AND ANNULUS AND PREPARE TO BREAK DOWN AND FRAC AS FOLLOWS

1. 500 - GALS RF 30 PAD

2. 1000 – Gals RF 30 + 2 #/Gal FLA 100
3. 500 – Gals RF 30 SPACER
4. 2000 – Gals RF 30 + 4 #/Gal FLA 100
5. 1000 – Gals RF 30 SPACER
6. 2000 – Gals RF 30 + ½ #/Gal 20-40 SAND
7. 5000 – Gals RF 30 + 1 #/Gal 20-40 SAND
8. 3000 – Gals RF 30 + 1½ #/Gal 20-40 SAND
9. 5000 – Gals RF 30 + 1 #/Gal 10-20 SAND
10. 30 – BBls SLICK WATER TO BOTTOM PERF & SHUT DOWN.

SHUT WELL IN OVER NIGHT, BEFORE STARTING TO RECOVER LOAD.