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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input type="checkbox"/> Federal <input type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. SF-078362

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
1. Name of Operator Jack A. Cole	8. Farm or Lease Name Marcus
2. Address of Operator P. O. Box 191, Farmington, N.M. 87499	9. Well No. 2
3. Location of Well UNIT LETTER <u>J</u> <u>1730</u> FEET FROM THE <u>South</u> LINE AND <u>1700</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>23N</u> RANGE <u>6W</u> NMPM.	10. Field and Pool, or Wildcat CounselorsGallup ^{Dakota}
15. Elevation (Show whether DF, RT, GR, etc.) 6862' GR 6874' KB	12. County Rio Arriba

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/> See below	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

3-8-86 Perforated and fracture treated additional zone in the Gallup formation.
See attached for fracture treatment report.

RECEIVED
MAY 02 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Dwayne Blawett TITLE Production Superintendent DATE 5-1-86

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE Superintendent DATE MAY 02 1986
CONDITIONS OF APPROVAL, IF ANY:

FRACTURE TREATMENT

Formation Gallup Stage No. 2 Date 3-6-86

Operator Jack A. Cole Lease and Well Marcus #2

Correlation Log Type _____ From _____ To _____

Temporary Bridge Plug Type Retrievable Set At 5440'

Perforations

5376	5382	5386	5389	5394	5400	5406
5378	5384	5387	5390	5396	5402	5408
5380	5385	5388	5392	5398		

1 Per foot type 3 1/8" Bull Jet - .450 dia.

Pad gelled oil 8,000 gallons. Additives _____

Water gelled oil 18,000 gallons. Additives My-T-Oil

Sand 35,000 lbs. Size 20-40

Flush Lease crude 3,600 gallons. Additives _____

Breakdown 2150 psig through packer

Ave. Treating Pressure 1800 psig

Max. Treating Pressure 2200 psig

Ave. Injection Rate 21.7 BPM

Hydraulic Horsepower 926 HHP

Instantaneous SIP 1550 psig

5 Minute SIP 1360 psig

10 Minute SIP 1300 psig

15 Minute SIP 1280 psig

Ball Drops:

<u>0</u>	Balls at	<u> </u>	gallons	<u> </u>	psig
					inere:
	Balls at	<u> </u>	gallons	<u> </u>	psig
					inere:
	Balls at	<u> </u>	gallons	<u> </u>	psig
					inere:

Remarks: Broke perforations down through straddle-packer with 800 gals 15% HCL