

November 1981,
Formerly 9-3.1.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

FOR RENTAL CONSULTATION
(Other Instructions)
Commission Expires August 31, 1985

LEASE DESIGNATION AND SERIAL

21493
NM-37601

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

WELL NO.

FIELD AND POOL OR WILDCAT

Sec. 34, T7S-R26E

SEC., T., R., M., OR BLK. AND SURVEY OR AREA

COUNTY OR PARISH

Chaves

STATE

NM

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—" for such proposals.)

1. NAME OF OPERATOR
DEKALB Energy Company

2. ADDRESS OF OPERATOR
1625 Broadway Denver, CO 80202

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
E-1980'FNL, 660'FWL SW NW

4. PERMIT NO. 13. ELEVATIONS (Show whether OF, RT, GR, etc.)
API 30-005-61762 4763'GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other):

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other): Gas Analysis

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

17. 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.)

The Vance A Federal No. 2 well has no H₂S concentration.

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

SIGNED AL Flower

TITLE District Superintendent

DATE 6/6/91

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

APPROVED FOR RECORD
PETER W. CHESTER

OCT 29 1991

*See Instructions on Reverse Side

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.

NEW-TEX LAB

PHONE 505/393-3881

P.O. BOX 1181

811 W. SNYDER

MOSES, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: BENNETT & CATHEY INC
ADDRESS: BOX 787
CITY, STATE: ARTESIA NM 88210

ANALYSIS NUMBER: 8561
DATE OF RUN: 10/29/82
DATE SECURED: 10/28/82

SAMPLE IDENT: DEPCO - VANCE-FEDERAL WELL #2
SAMPLING PRESS: SAMPLING TEMP:

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	5.129	
CARBON DIOXIDE	7.394	
METHANE	79.260	
ETHANE	4.800	1.280
PROPANE	1.808	0.496
ISO-BUTANE	0.314	0.102
NORMAL BUTANE	0.628	0.197
ISO-PENTANE	0.197	0.072
NORMAL PENTANE	0.213	0.077
HEXANES	0.150	0.062
HEPTANES PLUS	0.107	0.049
TOTAL	100.000	2.335

PROPANE GPM:	0.50	BUTANES GPM:	0.30
ETHANE GPM:	1.28	PENTANES PLUS GPM:	0.26

SPECIFIC GRAV (CALC): 0.7154
MOLE WEIGHT: 20.73

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		974	991
14.650		971	988
14.730		976	994
14.735		977	994

ANALYZED BY: R. H. HAMILTON

APPROVED BY: 