Form 3160-5
November 1983
Formerly 9-331

NM Oil Cons. mission
Drawer DD
Artesia, NM 88210

Form approved.
Budget Bureau No. 1004-
Expires August 31, 1985

c/SF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: NM 36408

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

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. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: --

2. NAME OF OPERATOR: DEKALB Energy Company

RECEIVED
OCT 30 1991
O. C. D.
ARTESIA, OFFICE

8. FARM OR LEASE NAME: Rose Federal

3. ADDRESS OF OPERATOR: 1625 Broadway Denver, CO 80202

9. WELL NO.: 8

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

10. FIELD AND POOL, OR WILDCAT: Pecos Slopes Abo

K-1980'FSL, 1680'FWL NE SW

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 20, T5S-R25E

14. PERMIT NO.: API 30-005-61936

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3821'GR

12. COUNTY OR PARISH: Chaves

13. STATE: NM

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

NOTICE OF INTENTION TO		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	Other: Gas Analysis	X
Other:		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 Rose Federal No. 8 well has no H_2S concentration.

Oct 11 91

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

SIGNED A L Flowers TITLE District Superintendent DATE 6/6/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PETER W. CHESTER
OCT 29 1991
BUREAU OF LAND MANAGEMENT
ROSWELL, NEW MEXICO

*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.

TRANSWESTERN PIPELINE COMPANY
(A SUBSIDIARY OF ENRON CORP)

****
GAS QUALITY TEST REPORT
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PRODUCER	DEPCO INC	STATION NO.	2134-1
FIELD	RED BLUFF	EFFECTIVE DATE	2-1-87
RESERVOIR	ABO	LAB NUMBER	7
STATION NAME	ROSE FEDERAL #8		

COMPONENTS	SPECIFIC GRAVITY	MOLE FRACTION
NITROGEN	.9672	.0743
CARBON DIOXIDE	1.5195	.0002
HELIUM	.1382	
OXYGEN	1.1048	.0000
HYDROGEN SULFIDE	1.1766	.0000
WATER VAPOR	.6220	.0000
METHANE	.5539	.8399
ETHANE	1.0382	.0476
PROPANE	1.5225	.0205
ISOBUTANE	2.0068	.0037
N-BUTANE	2.0068	.0072
ISOPENTANE	2.4911	.0022
N-PENTANE	2.4911	.0024
HEXANES	2.9753	.0012
HEPTANES+	3.5807	.0008
COMPOSITION----------		1.0000

LIQUEFIABLE HYDROCARBONS	COMPONENT GPM	GPM CONTENT
PROPANE	27.514	.5640
ISOBUTANE	32.698	.1210
N-BUTANE	31.510	.2269
LPG_____		.9119
ISOPENTANE	36.582	.0805
N-PENTANE	36.213	.0869
HEXANES	41.111	.0493
HEPTANES+	46.126	.0369
NATURAL GASOLINE_		.2536
TOTAL LIQUEFIABLE GPM__		1.1655

WATER VAPOR CONTENT:	
GAS MIXTURE STATIC PSIG	120.0
FLOWING GAS TEMP (F)	50.0
WATER VAPOR DEW POINT (F)	49.0
LBS WATER VAPOR / MMCF	66.0
DEHY INSTALLED (Y/N)	NO
INSTRUMENT TYPE	FAN
MOL FRACTION	.0014

MIXTURE SPECIFIC GRAVITY	
CALC. FROM ANAL. (REAL)	.659
DETERMINED BY TEST INST.	.657
(VERIFIED 1-15-87)	
MIXTURE HEATING VALUE	
(BTU/CF @ 14.73 PSIA,60F,SAT.)	
CALCULATED FROM ANALYSIS	1035
BY CALORIMETRY	NONE

SULFUR CONTENT (GR. PER 100 CF)	
HYDROGEN SULFIDE	
MERCAPTANS	
SULFIDES	
RESIDUALS	
TOTAL SULFUR	
MOLE FRACT H2S	
COMPRESSIBILITY (Z)	.9976

PR: 10:29 FEB 5, 1987

ANALYST: J M APPLEGATE (T.)