Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION DIVISION (Other instructions on reverse side)
Drawer DD
Artesia, NM 88210

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: NM 36408

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

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME: Rose Federal Com

9. WELL NO.: 13

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21, T5S-R25E

12. COUNTY OR PARISH: Chaves | 13. 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. OIL WELL ☐ GAS WELL ☒ OTHER

91 JUN 19 PM 2:36

2. NAME OF OPERATOR: DEKALB Energy Company

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

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

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

K-1980'FSL, 1980'FWL NE SW

14. PERMIT NO.: API 30-005-61954

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3795'GR

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. 13 well has no H_2S concentration.

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:

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

TR SWESTERN PIPELINE COMPANY
(A SUBSIDIARY OF ENRON CORP)

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GAS QUALITY TEST REPORT
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PRODUCER	DEPCO INC	STATION NO.	2141-1
FIELD	RED BLUFF	EFFECTIVE DATE	2-1-87
RESERVOIR	ABO	LAB NUMBER	7
STATION NAME	ROSE FEDERAL #10 + #13		

COMPONENTS	SPECIFIC GRAVITY	MOLE FRACTION
NITROGEN	.9672	.0741
CARBON DIOXIDE	1.5195	.0002
HELIUM	.1382	
OXYGEN	1.1048	.0000
HYDROGEN SULFIDE	1.1766	.0000
WATER VAPOR	.6220	.0000
METHANE	.5539	.8417
ETHANE	1.0382	.0471
PROPANE	1.5225	.0195
ISOBUTANE	2.0068	.0035
N-BUTANE	2.0068	.0071
ISOPENTANE	2.4911	.0023
N-PENTANE	2.4911	.0025
HEXANES	2.9753	.0012
HEPTANES+	3.5807	.0008
COMPOSITION----------		1.0000

LIQUEFIABLE HYDROCARBONS	COMPONENT GPM	GPM CONTENT
PROPANE	27.514	.5365
ISOBUTANE	32.698	.1144
N-BUTANE	31.510	.2237
LPG-------		.8747
ISOPENTANE	36.582	.0841
N-PENTANE	36.213	.0905
HEXANES	41.111	.0493
HEPTANES+	46.126	.0369
NATURAL GASOLINE_		.2609
TOTAL LIQUEFIABLE GPM__		1.1356

WATER VAPOR CONTENT:	
GAS MIXTURE STATIC PSIG	125.0
FLOWING GAS TEMP (F)	48.0
WATER VAPOR DEW POINT (F)	35.0
LBS WATER VAPOR / MMCF	36.0
DEHY INSTALLED (TW)	NO
INSTRUMENT TYPE	RAN
MOL FRACTION	.0008

MIXTURE SPECIFIC GRAVITY	
CALC. FROM ANAL. (REAL)	.658
DETERMINED BY TEST INST.	.656
(VERIFIED 1-15-87)	
MIXTURE HEATING VALUE	
(BTU/CF @ 14.73 PSIA,60F,SAT.)	
CALCULATED FROM ANALYSIS	1033
BY CALORIMETRY	NONE

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

PR: 10:33 FEB 5, 1987

ANALYST: J M Applegate [TW]
J M APPLEGATE

REMARKS: CPD

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