

Form 160-5
(November 1983)
(Formerly 9-331)

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

Form approved.
Budget Bureau No. 1004-1-115
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL

NM 36408

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	8. FARM OR LEASE NAME Rose Federal
3. ADDRESS OF OPERATOR 1625 Broadway Denver, CO 80202	9. WELL NO. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface A-660'FNL, 660'FEL NE NE	10. FIELD AND POOL OR WILDCAT Pecos Slopes Abo
14. PERMIT NO API 30-005-61758	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T5S-R25E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3858'GR	12. COUNTY OR PARISH 13. STATE Chaves 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 ☐ PUMP OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETION ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANE ☐
(Other) _____

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
Other: Gas Analysis ☒ X

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. 3 well has no H₂S concentration.

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

SIGNED

LL Flanagan

TITLE District Superintendent

DATE

6/6/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

OCT 29 1991
BUREAU OF LAND MANAGEMENT
RON WILLIAMS

TRANSWESTERN PIPELINE COMPANY
(A SUBSIDIARY OF ENRON CORP)

GAS QUALITY TEST REPORT

PRODUCER DEPCO INC STATION NO. 2132-1
FIELD RED BLUFF EFFECTIVE DATE 2-1-87
RESERVOIR A80 LAB NUMBER 7
STATION NAME ROSE FEDERAL #6 + 3, 4, 7

COMPONENTS	SPECIFIC GRAVITY	MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT GPM	GPM CONTENT
NITROGEN	.9672	.0711	PROPANE	27.514	.5613
CARBON DIOXIDE	1.5195	.0003	ISOBUTANE	32.698	.1112
HELIUM	.1382		N-BUTANE	31.510	.2206
OXYGEN	1.1048	.0000	LPG		.8930
HYDROGEN SULFIDE	1.1766	.0000	ISOPENTANE	36.582	.0905
WATER VAPOR	.6220	.0000	N-PENTANE	36.213	.0869
			HEXANES	41.111	.0493
			HEPTANES+	46.126	.0277
METHANE	.5539	.8426	NATURAL GASOLINE		.2444
ETHANE	1.0382	.0488			
PROPANE	1.5225	.0204	TOTAL LIQUEFIABLE GPM		1.1374
ISOBUTANE	2.0068	.0034			
N-BUTANE	2.0068	.0070	WATER VAPOR CONTENT:		
ISOPENTANE	2.4911	.0022	GAS MIXTURE STATIC PSIG		120.0
N-PENTANE	2.4911	.0024	FLOWING GAS TEMP (F)		48.0
HEXANES	2.9753	.0012	WATER VAPOR DEW POINT (F)		48.0
HEPTANES+	3.5807	.0006	LBS WATER VAPOR / MMCF		60.0
COMPOSITION-----		1.0000	DEHY INSTALLED (TW)		NO
			INSTRUMENT TYPE		RAN
			MOL FRACTION		.0013
MIXTURE SPECIFIC GRAVITY			SULFUR CONTENT (GR. PER 100 CF)		
CALC. FROM ANAL. (REAL)	.657		HYDROGEN SULFIDE		
DETERMINED BY TEST INST.	.654		MERCAPTANS		
(VERIFIED 1-15-87)			SULFIDES		
MIXTURE HEATING VALUE			RESIDUALS		
(BTU/CF @ 14.73 PSIA, 60F, SAT.)			TOTAL SULFUR		
CALCULATED FROM ANALYSIS	1037		MOLE FRACT H2S		
BY CALORIMETRY	NONE		COMPRESSIBILITY (Z)		.8976

PR: 10:02 FEB 5, 1987

ANALYST

【TW】

J M APPELGATE

REMARKS: STOP