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New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Revised 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address EOG Resources, Inc. P.O. Box 2267 Midland, Texas 79702							OGRID Number 7377	
Contact Party M. Lee Roark							Phone 915/686-3608	
Property Name Vaca "13" Federal					Well Number 2		API Number 30-025-32182	
UL B	Section 13	Township 25S	Range 33E	Feet From The 660	North/South Line North	Feet From The 1980	East/West Line East	County Lea

II. Workover

Date Workover Commenced: 11-11-1999	Previous Producing Pool(s) (Prior to Workover): Current/Prior: Red Hills (Bone Spring)
Date Workover Completed: 11-14-1999	

III. Attach a description of the Workover Procedures performed to increase production.

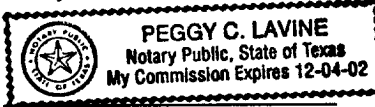
IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of Texas )  
 ) ss.  
County of Midland )  
M. Lee Roark, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature M. Lee Roark Title Engineer Tech Date 03/15/2000  
SUBSCRIBED AND SWORN TO before me this 15th day of March, 2000.

My Commission expires:  Peggy C. Lavine  
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 11-14, 1999.

Signature District Supervisor <u>Paul J. Rantz</u>	OCD District <u>1</u>	Date <u>3/21/2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

*MP*



# WELL CHRONOLOGY REPORT

**WELL NAME : VACA 13 FED #02**
FIELD : RED HILLSCOUNTY & STATE : LEAWI% : 100.00000 AFE# : 101792DHC : \$126,400 CWC :

API# :

AFE TOTAL : \$126,400

DISTRICT :

LOCATION : 660' FNL & 1980' FEL, SEC 13-25S-33E

CONTRACTOR :

PLAN DEPTH : 12,600 SPUD DATE :FORMATION : BONE SPRINGREPORT DATE : 11/11/1999 MD : 0TVD : 0DAYS : 0

MW :

VISC :

DAILY : DC : \$0CC : \$5,705TC : \$5,705CUM : DC : \$0CC : \$5,705TC : \$5,705ACTIVITY AT REPORT TIME : FLOWING

DAILY DETAILS : 4-1/2 hrs flow to sales. FTP 145 psi. SICP 150 psi. MIRU Yale E. Key. Blow annulus down, pump 25 bbls. PW & tbg loaded. ND tree. Strip on and NU spool and BOP's. Pull solid hanger. Open by-pass and release Baker Packer. Blow tbg down 3-1/2 hrs TOOH. LD Pkr. 1-1/2 hrs RU Pro slickline. RIH with wt bars on slickline. Tagged fill @ 12,261' (SLM). Bone Springs perms 12,240-12,264'. POOH. RD Pro. Left csg open to tank. Will wash fill in a.m.

REPORT DATE : 11/12/1999 MD : 0TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$5,100TC : \$5,100CUM : DC : \$0CC : \$10,805TC : \$10,805

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 3 hrs slight csg blow. TIH with notched collar and 2-7/8" tbg. Tagged fill @ 12260'. 2-1/2 hrs install stripper, est rev circ after 40 bbls. PW wash fill from 12260' to solid btm @ 12,313' (tbg meas). Circ hole clean. Lost 60 bbls. Bone springs PW. 3-1/2 hrs TOOH. SD to repair hydromatic.

REPORT DATE : 11/13/1999 MD : 0TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$8,510TC : \$8,510CUM : DC : \$0CC : \$19,315TC : \$19,315ACTIVITY AT REPORT TIME : TIH

DAILY DETAILS : 3 hrs TIH with 1 jt 2-7/8" tbg, perf sub, 10 jts 2-7/8" tbg, SN, 4 jts tbg, Baker TAC, 370 jts 2-7/8" tbg, 1 jt 2-7/8" P-110 tbg. 3-1/2 hrs ND spool and BOP's, NU 7-1/16" 10K tbg slip type flange. Set Baker 2-7/8" x 5-1/2" TAC @ 11,784.33' with 15K tension. Perf sub @ 12,232.90', SN @ 11914.84'. Bone Spring perms 12,240-12,264'. EOT 12,268.56'. Install wellhead. Plumb risers off tbg head. 3-1/2 hrs PU and RIH with GA pump and tapered steel rod string. Setting pumping unit and electricity. have run total of 231 rod. SWI. SDON.

REPORT DATE : 11/14/1999 MD : 0TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$3,445TC : \$3,445CUM : DC : \$0CC : \$22,760TC : \$22,760ACTIVITY AT REPORT TIME : FINISH RUNNING STEEL RODS

DAILY DETAILS : 6 hrs finish running tapered steel rods and 1-1/4" fiberglass rod string. Seated pump PU and space out. Install 1-1/2" x 26' polish rod with 1-1/2 x 1-3/4" x 16' liner. Seat pump. Load tbg with 10 bbls. PW and test to 500 psi. Modify hanger door to fit. Tighten brake. Belt loose. Unit set by WTG. Hang well on. Stroke pump with good action. RD PU. 1 hr loosen motor and reset belt. 15 hrs well on pump @ 3:00 p.m. 11/13/99 with 11 spm.

REPORT DATE : 11/15/1999 MD : 0TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$700TC : \$700CUM : DC : \$0CC : \$23,460TC : \$23,460ACTIVITY AT REPORT TIME : ON PUMP

DAILY DETAILS : 17 hrs on pump. Rec 44 BO, 109 BW, LTR 147 BW. Gas 18 MCFD. TP 80 psi, SICP 180 psi. LP 37 psi. Check hanger door, pump spacing and balance.

REPORT DATE : 11/16/1999 MD : 0TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$80,100TC : \$80,100CUM : DC : \$0CC : \$103,560TC : \$103,560

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 24 hrs move out rental equipmet. Check hanger door. Check balance and spacing. Clean out BPV (trash). Rec 25 BO, 111 BW. TP 300 psi (trash in BPV). SICP 280 psi. LP 37 psi. MCF 39. LTR 36 BW.

Production  
WORKOVER DATE

Before ← → After

