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District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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

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PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

H-0583

3/16

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 Diamond "7" Federal					Well Number 4		API Number 30-025-32433	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
E	7	25S	34E	2080	North	560	West	Lea

II. Workover


Date Workover Commenced: 11-23-1999	Previous Producing Pool(s) (Prior to Workover): Current/Prior: Red Hills (Bone Spring)
Date Workover Completed: 11-27-1999	

- 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:
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. 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 11/15/2000
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 11-27-1999.

Signature District Supervisor <u>Paul J. Kautz</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 : DIAMOND 7 FED #04
FIELD : RED HILLS
COUNTY & STATE : LEA
WI# : 95.31831 AFE# : 101793
DHC : CWC :
API# :
AFE TOTAL :
DISTRICT :
LOCATION :
CONTRACTOR :
PLAN DEPTH :
SPUD DATE :
FORMATION :

REPORT DATE : 11/23/1999 MD : 0 TVD : 0 DAYS : 0 MW : VISC :
DAILY : DC : \$0 CC : \$2,230 TC : \$2,230 CUM : DC : \$0 CC : \$2,230 TC : \$2,230

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 5 hrs MIRU Yale E. Key. Set tank and run flowline. Dig out cellar and clean tbg head. Remove tbg head gate vavles (2). Plumb risers and install ball valves. 1 hr blow tbg down. PU tree. Work out tie-down pins. Slug tbg with 15 bbls PW. ND tree. NU BOP's. Work tbg and release on-off tool. Equalize tbg and csg. Remove wraparound. 3-1/2 hrs latch on-off tool. Work PLS pkr @ 12,195' free. Work first 6 stands OOH with 25-35K drag. Packer elements dragging thru 5-1/2" csg connections. TOOHH with tota 73 jts with slight drag. LD gas lift valve. Pull 3 jts with 25-35K drag. Shut tbg in. Left annulus open to tank. EOG @ 9815'. SDON.

REPORT DATE : 11/24/1999 MD : 0 TVD : 0 DAYS : MW : VISC :
DAILY : DC : \$0 CC : \$5,360 TC : \$5,360 CUM : DC : \$0 CC : \$7,590 TC : \$7,590

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 3-1/2 hrs annulus open to tank - no flow. SITP 120 psi. Blew tbg down. TOOHH. Worked PLS pkr thru 5-1/2" csg connection on first 25 stands then pulled free. LD total of 9 gas lift valves. FOOH. LD pkr. Lost 1-1/2 pkr elements. Moderate to heavy paraffin in tbg. 3-1/2 hrs TIH with notched collar and 2-7/8" tbg to 12,150'. Install stripper head. 3 hrs hot oil tbg with 75 bbls @ 280 deg. Est rev circ with 60 bbls PW. Rev out oil and gs with total of 200 bbls PW. Left tbg open to tank with fair blow. Shut annulus in. Moved 118 bbls oil to battery. Will tag and wash fill in a.m.

REPORT DATE : 11/25/1999 MD : 0 TVD : 0 DAYS : MW : VISC :
DAILY : DC : \$0 CC : \$8,420 TC : \$8,420 CUM : DC : \$0 CC : \$16,010 TC : \$16,010

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 1 hr tbg open to tank. No flow. Rec 8 BO. SICP TSTM. PU and RIH. Tagged fill @ 12,260'. Bone springs perfs 12248-12298'. 2 hrs est rev circ with 100 bbls. PW wash fill from 12260' to PBDT @ 12,483' (tbg meas). Circ hole clean. LTR 310 bbls. PW moved 44 BO to battery. 3-1/2 hrs TOOHH. LD 16 jts. 2-1/2 hr TIH with 1 jt 2-7/8" tbg. Perf sub, SN, 10 jts 2-7/8" tbg, Baker TAC, 370 jts 2-7/8" tbg and 1 pup jt 2-7/8" P110. 1 hr ND BOP's and spool. NU 7-1/16" 10K slip type flange. Set 2-7/8" x 5-1/2" TAC @ 11631.33' with 15K tension. SN @ 11948.95' EOT @ 11985.21'. Install wellhead. SWI. SDON.

REPORT DATE : 11/26/1999 MD : 0 TVD : 0 DAYS : MW : VISC :
DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$0 CC : \$16,010 TC : \$16,010

ACTIVITY AT REPORT TIME :

DAILY DETAILS : 24 hrs shut down for holiday. SITP 80 psi. SICP - TSTM. Blew tbg and csg down. Will run pump and rods in a.m.

REPORT DATE : 11/27/1999 MD : 0 TVD : 0 DAYS : MW : VISC :
DAILY : DC : \$0 CC : \$84,605 TC : \$84,605 CUM : DC : \$0 CC : \$100,615 TC : \$100,615

ACTIVITY AT REPORT TIME : PUMPING

DAILY DETAILS : 9-1/2 hrs PU and RIH with GA. Pump, 1-1" steel rod, 26K shear tool, tapered steel rods + 1-1/4" fiberglass rods. 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 wieh 21 BO and test to 500 psi. Hang well on. Stroke pump with good action. Set generator and fuel tank. Well on pump @ 5:30 p.m. 11/26/99. Pumping wt heavy. Will balance wts in a.m. LTR 331 bbls. RD PU. 12-1/2 hrs well on pump @ 10 SPM.

Production
 Workover Date
 Before ← → After

