New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: LC032650B
6. If Indian, Alottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ OIL WELL ☑ GAS WELL ☐ OTHER
8. Well Name and Number: A.B. COATES 'C' 1
2. Name of Operator: CHEVRON USA INC
3. Address and Telephone No.: 15 SMITH RD, MIDLAND, TX 79705 432-687-737
9. API Well No.: 30-025-11723
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 1980 Feet From The NORTH Line and 1980 Feet From The WEST Line Section 24 Township 25S Range 37E
10. Field and Pool, Exploaratory Area: JUSTIS GLORIETA (PRORATED GAS)
11. County or Parish, State: LEA , NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION	
☑ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☑ OTHER: ADD PERFS & ACIDIZE	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. 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.)*.

CHEVRON U.S.A. INC. INTENDS TO ADD PERFS & ACIDIZE IN THE JUSTIS GLORIETA RESERVOIR, IN THE SUBJECT WELL.

THE CURRENT AND PROPOSED WELLBORE DIAGRAMS, AND THE INTENDED PROCEDURE ARE ATTACHED FOR YOUR APPROVAL.

Received
Hobbs
OCD

14. I hereby certify that the foregoing is true and correct
SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 9/30/2005
TYPE OR PRINT NAME Denise Pinkerton

(This space for Federal or State office use)
APPROVED /ORIG. SGD.) DAVID R. GLASS PETROLEUM ENGINEER DATE OCT 0 3 2005
CONDITIONS OF APPROVAL, IF ANY: TITLE

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.

WELL DATA SHEET

Field: Justis **Well Name:** A. B. Coates Federal "C" #1 **Lease Type:** Federal
Location: 1980' FNL & 1980' FWL **Sec:** 24-F **Township:** 25S **Range:** 37E
County: Lea **State:** New Mexico **Refno:** FB2681 **API:** 30-025-11723 **Cost Center:** UCU801900
Current Status: FL
Current Producing Formation(s): Glorieta single gas producer
Previous Prod Field/Formation(s): Langlie-Mattix - Queen (gas)

CURRENT

Surface Csg.

Size:	10 3/4"
Wt.:	29# S.J.
Set @:	294'
Sxs cmt:	225
Circ:	Yes
TOC:	Surface
Hole Size:	13 3/4"

Intermediate Csg.

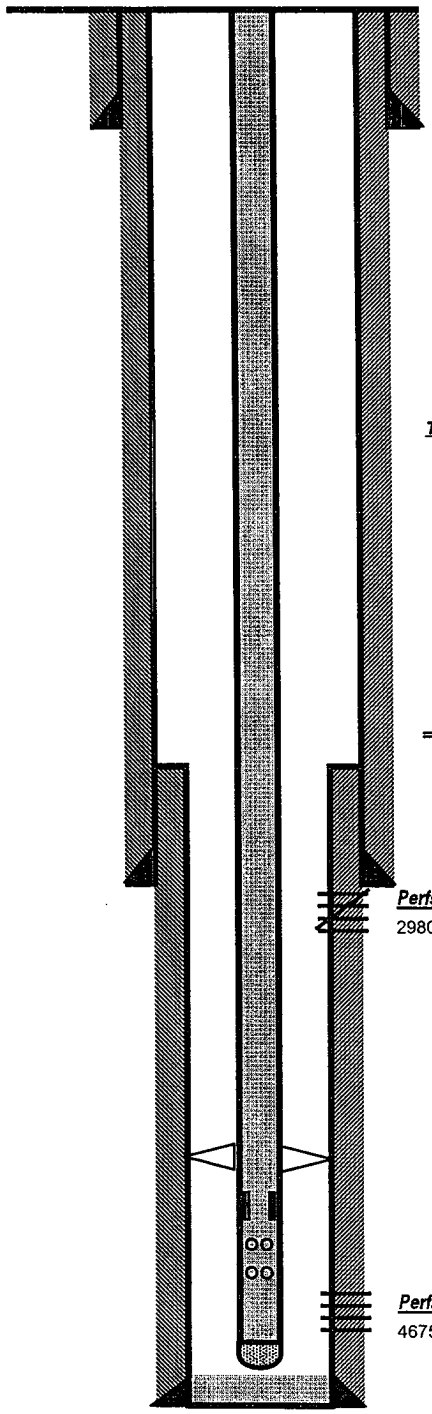
Size:	7"
Wt.:	20# J-55
Set @:	2950'
Sxs Cmt:	1200
Circ:	No
TOC:	425' - TS
Hole Size:	8 3/4"

Production Lnr

Size:	5"
Wt.:	23#
Set @:	4815'
TOL:	2825'
Sxs Cmt:	275
Circ:	Yes - 70 sx
TOC:	TOL
Hole Size:	6 3/8"

Rustler	774
Yates	2265
Seven Rivers	2530
Queen	2974
Penrose	3070
Grayburg	3242
San Andres	3504
Glorieta	4592

PBTD: 4765'
TD: 4819'



KB: 3089'
DF: 3088'
GL: 3077'
Spud Date: 1/18/1951
Compl. Date: 2/3/1951

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	12.00
145	Jts. 2 3/8" J-55 Cl. 'B' Tbg	4504.51
	TAC	2.70
3	Jts. 2 3/8" J-55 Cl. 'B' Tbg	98.13
1	Jt. 2 3/8" J-55 IPC Tbg	31.78
	SN	1.10
	2 3/8" x 4' Perf Tbg Sub	4.10
1	Jt. 2 3/8" J-55 Cl. 'B'	30.77
	Bull Plug	0.50
150	**Bottom Of String >>**	**4685.59**

Perfs (Queen)
2980-3150' (squeezed in 1996)

Perfs (Glorieta/Paddock)
4675-4715' - open

Prepared by: AMH
Date: 9/28/2005

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Current Status: FL
Current Producing Formation(s): Glorieta single gas producer
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PROPOSED

KB:	3089'
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GL:	3077'
Spud Date:	1/18/1951
Compl. Date:	2/3/1951

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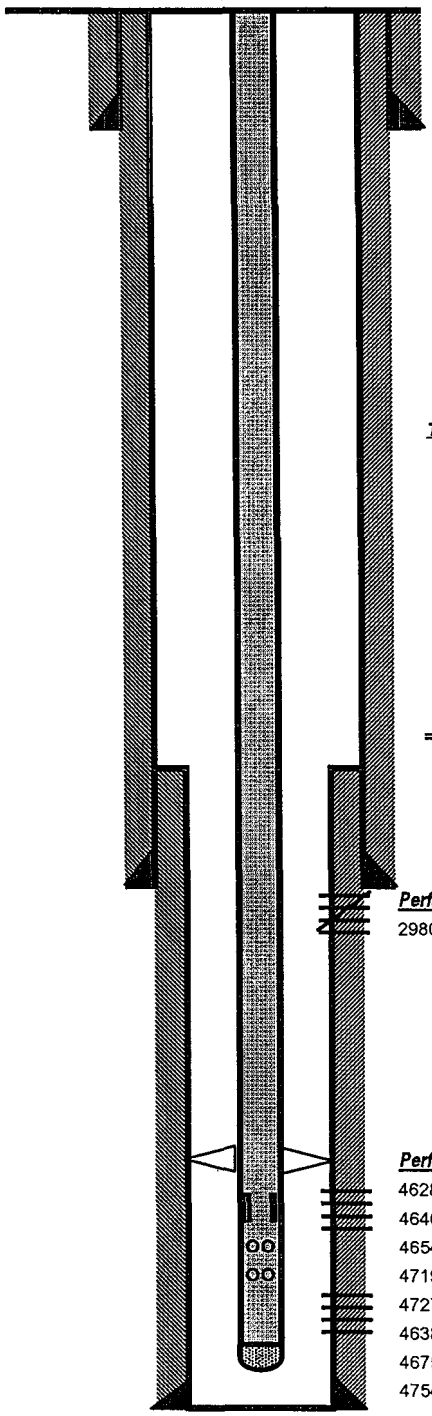

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	2 3/8" x 4' Perf Tbg Sub	4.10
1	Jt. 2 3/8" J-55 Cl. 'B'	30.77
	Bull Plug	0.50
153	**Bottom Of String >>**	**4778.59**

Perfs (Queen)
2980-3150' (squeezed in 1996)

Perfs (Glorieta/Paddock)

4628-32'	- Open
4646-50'	- Open
4654-60'	- Open
4719-23'	- Open
4727-31'	- Open
4638-42'	- Open
4675-4715'	- Open
4754-58'	- Open

Prepared by: AMH
Date: 9/28/2005

A. B. Coates C # 1
Justis Glorieta Field
T25S, R37E, Section 24
WBS # UWDOL-R5334
Job: Add Perfs In Glorieta/Paddock Formation And Acidize

Procedure:

1. Install flowline. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

2. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test csg and BOP's to 2000 psi. POH with 2 3/8" tbg string. LD TAC.

3. PU and GIH with 4 ¼" MT bit and 2 7/8" work string to 4765'. Establish reverse circulation using 8.6 PPG cut brine water. LD and cleanout fill and cement to 4819'. Reverse circulate well clean from 4819' using 8.6 PPG cut brine water. POH with work string and bit. LD bit. **Note: If well will not circulate, use air unit and clean out using foam.**

4. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2000 psi. GIH and conduct GR/Compensated Neutron/CCL log from 4819' up to 2600'. POH. **Note: Fax log to Scott Ingram ((432) 687-7212) for correlation and picking perfs.** GIH with 3 1/8" slick casing guns and perforate from 4628-32', 4646-50', 4654-60', 4719-23', 4727-31', 4738-42', and 4754-58' with 4 JSPF at 120 degree phasing, using 23 gram premium charges. POH. RD & release electric line unit. **Note: Use Welex Jet Services Radioactivity Log dated 8/21/53 for depth correlation.**

5. PU and GIH w/ 5" PPI pkr (with 10' element spacing) and SCV on 2 7/8" work string to approximately 4600'. Test tbg to 5500 psi while GIH.

6. MI & RU DS Services. Acidize perfs 4628-4758' with 5,000 gals anti-sludge 15% HCl acid * at a maximum rate **as shown below** and a maximum surface pressure of **4500 psi**. Spot acid to bottom of tbg at beginning of each stage. Pump job as follows:

Interval	Amt. Acid	Max Rate	PPI Setting
4754-58'	400 gals	2 BPM	4750-60'
4738-42'	400 gals	2 BPM	4735-45'
4727-31'	400 gals	2 BPM	4725-35'

4719-23'	400 gals	2 BPM	4716-26'
4706-15'	500 gals	2 BPM	4706-16'
4695-4705'	500 gals	2 BPM	4695-4705'
4685-95'	500 gals	2 BPM	4685-95'
4675-84'	500 gals	2 BPM	4674-84'
4664-70'	600 gals	2 BPM	4662-72'
4646-50'	400 gals	2 BPM	4644-54'
4628-32'	400 gals	2 BPM	4625-35'

Displace acid with 8.6 PPG cut brine water -- do not overdisplace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. Note: **Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only 1/2 gal A264 and 1 gal W53. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 500 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes.**

* Acid system is to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agent
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

7. Release PPI pkr and PUH to approximately 4600'. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels. Note: **Selectively swab perfs as directed by Engineering if excessive water is produced.**

8. Release PPI pkr. POH LD 2 7/8" work string and PPI packer.

9. PU and GIH w/ BP mud anchor jt of 2 3/8" tbg, 2 3/8" x 4' perforated sub, SN, 1 jt. 2 3/8" EUE 8R J-55 IPC tbg, 6 jts 2 3/8" EUE 8R J-55 tbg, TAC, and 145 jts 2 3/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 4517', with EOT at 4779' and SN at 4743'.

10. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release workover unit.

11. Turn well over to production. Report daily well tests including choke sizes, flowing pressures and/or fluid levels.

AMH
9/28/2005