

9/11/06 DATE IN	9/26/06 SUSPENSE	DRC ENGINEER	9/11/06 LOGGED IN	WFX TYPE	PTDS0625450309 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



228

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

_____ Print or Type Name	_____ Signature	_____ Title	_____ Date
_____ e-mail Address			



Trudy Morris
NM Tech. Assist..
Permian Basin

Mid-Continent Business Unit
Chevron Corporation
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7364
Fax 432-687-7871
tkmo@chevron.com

September 7, 2006

**APPLICATION FOR AUTHORIZATION
TO INJECT - OCD FORM C-108
CENTRAL VACUUM UNIT - GRAYBURG SAN ANDRES POOL
LEA COUNTY, NEW MEXICO**

State of New Mexico
Energy and Minerals Dept.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attention: Mark E. Fesmire, P.E., Director

Chevron U.S.A., Inc. requests your approval of the subject application to inject water, produced gas and CO2 into the **Central Vacuum Unit Well #342**, located: 81.2' FNL & 1186.4' FEL, Unit Letter A, Sec. 36, Township 17S, Range 34E, Lea County, New Mexico. This well is being drilled as a replacement well for a previously permitted injection well, CVU #42, which is no longer active due to its mechanical condition.

Chevron plans to inject water, CO2, and produced gas into this newly drilled injection well to enhance production of the CVU tertiary recovery project.

Attached are OCD Form C-108 with information relative to the injection of the referenced well. A copy of the letter sent to this project's surface land owner, the New Mexico Department of Public Lands, along with certified documentation is included in the attachments.

Your prompt consideration and approval of this application will be greatly appreciated. If additional information is required, please contact me at (432) 687-7364 or David Smith, Reservoir Engineer, at (432) 687-7758.

Sincerely,

Trudy Morris
New Mexico Team
Technical Assistant

Attachments

2006 SEP 11 PM 12 07

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: Chevron U.S.A., Inc.
ADDRESS: 15 Smith Rd., Midland, TX 79705
CONTACT PARTY: Trudy Morris PHONE: 432-687-7364
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ Yes ☒ No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. attached
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. attached
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.). attached
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval. attached
- IX. Describe the proposed stimulation program, if any. attached
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). Will be submitted as soon as received.
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. Previously submitted
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. attached
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. attached
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Trudy Morris TITLE: Engineering Tech. Assistant
SIGNATURE: Trudy Morris DATE: 9-7-06
E-MAIL ADDRESS: tkmo@chevron.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: see attachment

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well. attached

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any. attached

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days. attached

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

Newspaper Legal Notice confirmation will be forwarded as soon as received.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.



T. K. Morris
NM Tech. Assist.
Permian Basin

Mid-Continent Business Unit
Chevron Corporation
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7364
Fax 432-687-7871
tkmo@chevron.com

September 7, 2006

**NOTICE OF APPLICATION FOR
AUTHORIZATION TO INJECT –
OCD FORM C-108
GRAYBURG SAN ANDRES POOL
LEA COUNTY, NEW MEXICO**

State of New Mexico
Oil, Gas and Minerals Division
New Mexico State Land Office
PO Box 1148
Santa Fe, NM 87504-1148

Attention: Commissioner of Public Lands

Dear Sir,

Chevron U.S.A., Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin water, produced gas and CO2 injection in Central Vacuum Unit #342. This well is being drilled as a replacement well for a previously permitted injection well, CVU #42, which is no longer active due to its mechanical condition.

Attached is the NMOCD Form C-108 with information relative to the water injection for the referenced well. Also attached is a copy of the legal notice posted in the Hobbs News-Sun. If additional information is required, please contact me at (432) 687-7364 or David Smith, Reservoir Engineer, at (432) 687-7758.

Sincerely,

A handwritten signature in cursive script that reads "Trudy Morris".

Trudy Morris
Technical Assistant
New Mexico Team

Attachments

ATTACHMENT TO FORM C-108

RE: Central Vacuum Unit #342

- PART I Chevron Corporation plans to convert the above referenced well as an injection well in the Grayburg San Andres formation.
- PART II Chevron Corporation
15 Smith Rd
Midland, TX 79705
- PART III Well Data Sheet attached
- PART IV This is not an expansion of an existing project.
- PART V Map attached designating ½ mile and 2 mile radius of review area.
- PART VI There are 76 wells within the area of review which penetrate the proposed injection zone. Fourteen wells are P&A. Well tabulation and P&A Schematics are attached.
- PART VII 1) Anticipated injection rates could be as high as 3000 barrels of water per day or 10 million cubic feet of CO2 per day for each well. Average rates are anticipated to be half of these maximums.
- 2) This will be a closed system.
- 3) Average water injection pressure will be 1500 psi with a maximum of 2000 psi and CO2 injection pressure will be 1800 with a maximum of 1850 psi.
- For the CVU #342, we request approval to inject water, produced gas and CO2 at the same surface injection pressure limits as the well it is replacing, CVU #42 (1450 psi water and 1800 psi CO2).
- Note: A step rate injection test will be performed after well is completed to increase these injection pressure limits.
- 4,5) This data has been previously submitted under NMOCD Order No. R-5530 dated September 20, 1997, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2, 1982, Order No. R-5530-E dated April 30, 1997, PMX-200 dated March 16, 2000, and PMX-211 dated April 17, 2001.

- PART VIII This data has been previously submitted under NMOCD Order No. R-5530 dated September 20, 1997, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2, 1982, Order No. R-5530-E dated April 30, 1997, PMX-200 dated March 16, 2000, and PMX-211 dated April 17, 2001.
- PART IX The stimulation program will be 8,000 gallons 15% HCL acid plus rock salt as a diverter.
- PART X Logs will be submitted as soon as possible after the well is drilled.
- PART XI This data has been previously submitted under NMOCD Order No. R-5530 dated September 20, 1997, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2, 1982, Order No. R-5530-E dated April 30, 1997, PMX-200 dated March 16, 2000, and PMX-211 dated April 17, 2001.
- PART XII Chevron Corporation has examined available geologic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- PART XIII Copies of the OCD Form C-108, the Well Data Sheet and map have been sent to the offset operators and surface owner as per the listing below.

Marathon Oil Company
5555 San Felipe Road
Houston, Texas 77056-2723

Gruy Petroleum Management Co.
P. O. Box 140907
Irving, TX 75014-0907

Surface Owner: State of New Mexico

A copy of the Legal Notice as published in the Hobbs News-Sun is attached to this filing. Certified copy will be forwarded as soon as it is received in this office.

Legal Notice

Chevron U.S.A., Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to complete the Central Vacuum Unit #342 as an injection well. Injection into this well is designed to enhance production from the Central Vacuum Unit. The well is located: 81.8' FNL & 1186.4' FEL, in Section 36, Unit Letter 'A', Township 17 South, Range 34 East, Lea County, New Mexico. Water, produced gas & CO2 will be injected into the Grayburg San Andres pool of the Vacuum field. Water injection will be at an expected maximum rate of 3,000 barrels of water per day and an expected maximum surface pressure of 2100 pounds psi. CO2 and produced gas injection will be at an expected maximum rate of 10 MMCF per day and an expected maximum surface pressure of 1850 psi. Persons wanting to contact Chevron U.S.A. should direct their inquiries to David Smith, Chevron U.S.A., 15 Smith Road, Midland, TX 79705; telephone (432) 687-7758.

Interested Parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505, within 15 days of this notice.



T. K. Morris
NM Tech Assist.
Permian Basin

Mid-Continent Business Unit
Chevron Corporation
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7364
Fax 866-958-0749
tkmo@Chevron.com

September 7, 2006

REQUEST TO PUBLISH LEGAL NOTICE

Central Vacuum Unit #342

Hobbs News-Sun

201 N. Thorp

Hobbs, NM 88240

Attention: Classified Department

Chevron U.S.A., Inc. requests that you publish the attached notice in your newspaper, one time only, as soon as possible.

Please mail the invoice for this legal notice to the letterhead address above, attention: Trudy Morris, Room 2224. Please attach a copy of the notice as was it was published in your newspaper and an affidavit certifying publication of the attached notice and the date of publication.

Your prompt assistance in this matter will be greatly appreciated. Questions may be directed to me at (432) 687-7364.

Sincerely,

A handwritten signature in cursive script that reads "Trudy Morris".

Trudy Morris
Technical Assistant
New Mexico Team

Attachment



T. K. Morris
NM Tech. Assist.
Permian Basin

Mid-Continent Business Unit
Chevron Corporation
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7364
Fax 432-687-7871
tkmo@chevron.com

September 6, 2006

NEW DRILL – INJECTION WELL
LEA COUNTY, NEW MEXICO

CVU Lease Offset Operators:

For your information as an offset operator, Chevron U.S.A., Inc. hereby gives notice of their intent to file an application with the New Mexico Oil Conservation Division to drill an injection well, Central Vacuum Unit #342, located in Section 36, Unit Letter A, T17S, R34E, 81.8' FNL & 1186.4' FEL, Lea County, New Mexico. This well is being drilled as a replacement well for a previously permitted injection well, CVU #42, which is no longer active due to its mechanical condition.

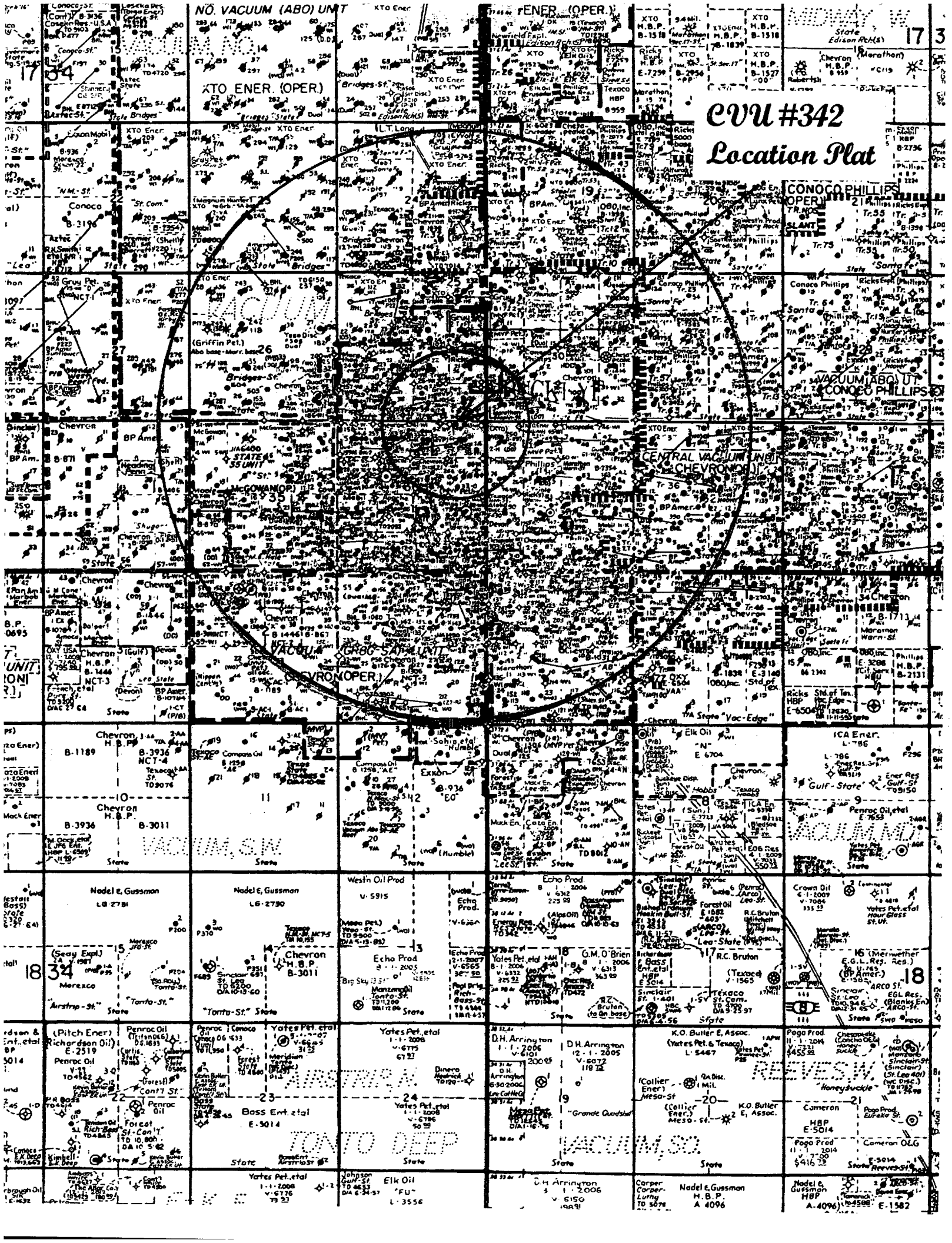
Attached is an OCD Form C-108 with information relative to the water injection of the referenced well. A copy of the legal notice to be posted in the Hobbs News-Sun is included. The enclosed map highlights the location of the Central Vacuum Unit #342 in relation to your offset operations.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. K. Morris".

T. K. Morris
NM Technical Assistant

Attachments



INJECTION WELL DATA SHEET

OPERATOR: _____ Chevron U.S.A., Inc. _____

WELL NAME & NUMBER: _____ Central Vacuum Unit #342 _____

WELL LOCATION: _____ 81.8' FNL 1186.4' FEL _____ A _____ 36 _____ 17S _____ 34E _____
FOOTAGE LOCATION _____ UNIT LETTER _____ SECTION _____ TOWNSHIP _____ RANGE _____WELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface Casing

Hole Size: _____ 14.75" _____ Casing Size: _____ 11.75" _____

Cemented with: _____ 310 _____ sx. *or* _____ 42 ft³

Top of Cement: _____ Surface _____ Method Determined: _____ Circulation _____

Intermediate Casing

Hole Size: _____ 11" _____ Casing Size: _____ 8.625" _____

Cemented with: _____ 1095 _____ sx. *or* _____ 24 ft³

Top of Cement: _____ Surface _____ Method Determined: _____ Circulation _____

Production Casing

Hole Size: _____ 7.875" _____ Casing Size: _____ 5.5" _____

Cemented with: _____ 670 _____ sx. *or* _____ 15.5 ft³

Top of Cement: _____ Surface _____ Method Determined: _____ Circulation _____

Total Depth: _____ 5,200' _____

Injection Interval_____ 4030 _____ feet to _____ 4923 _____ feet
Central Vacuum unitized interval

Well to be completed using perforations.

INJECTION WELL DATA SHEETTubing Size: 2 7/8" Lining Material: FiberglassType of Packer: 10K Arrow Set 1X packer with on-off tool – nickel platedPacker Setting Depth: ~4000'Other Type of Tubing/Casing Seal (if applicable): Additional Data

1. Is this a new well drilled for injection? X Yes No

If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation: Grayburg San Andres

3. Name of Field or Pool (if applicable): Vacuum

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

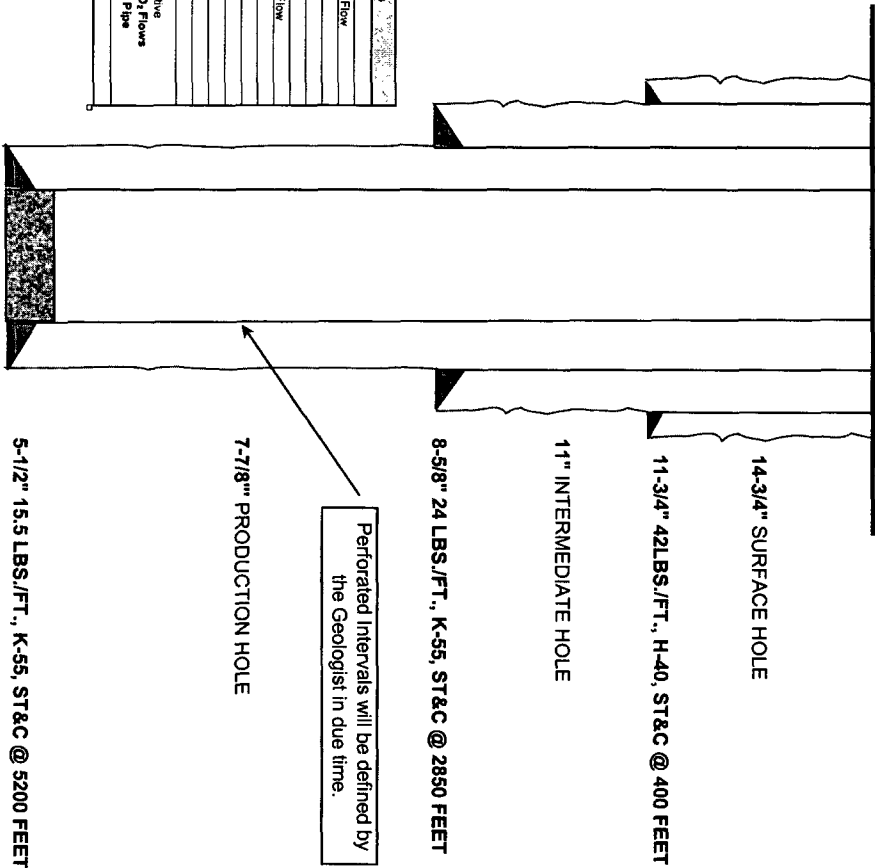
Underlying:

Grayburg – 4030', San Andres – 4345', Glorieta – 5865', Blinbry - 6285', Drinkard – 7480', Abo – 7925', Wolfcamp – 9260', Upper Penn – 10,200', Atoka – 10690', Strawn – 10935', Morrow – 11050', Mississippian – 11550', Woodford – 12000'.

There are no known producing zones below the Devonian within the area of review.

PROPOSED WELL: Central Vacuum Unit #342

WBS Number: UWDO-LF6018-DRL
Chevron: JG1737
Bottom Hole Location: Vertical Well
API Number: 30-025-38002
Surface Location: 82° FNL, 1186° FEL, Section 36, T17S-R34E
Latitude: 32° 47' 54.879" North
Longitude: 103° 30' 33.446" West
Lease: Central Vacuum Unit
Rig Name: Nabors #353
GL Elevation: 3995'



Perforated intervals will be defined by the Geologist in due time.

8-5/8" 24 LBS./FT., K-55, ST&C @ 2850 FEET

11" INTERMEDIATE HOLE

11-3/4" 42LBS./FT., H-40, ST&C @ 400 FEET

14-3/4" SURFACE HOLE

7-7/8" PRODUCTION HOLE

5-1/2" 15.5 LBS./FT., K-55, ST&C @ 5200 FEET

Total Depth: 5200'

B. Geology and Reservoir Data

Formation Name	Depth	Comments
Rutler	1525'	
Top of Salt	1854'	Possible Water Flow
Bottom of Salt	2815'	
Tangsil	2678'	
Valles	2778'	Possible Gas Flow
Seven Rivers	3107'	
Bowers	3436'	
Top of Queen	3675'	
Base of Queen	3703'	
Perrusa	3832'	
Graburg	4030'	
Graburg Dolomite	4237'	
San Andres	4319'	
Top of Lower San Andres	4483'	Primary Objective
Lower San Andres Porosity	4513'	Possible Water/Gas Flows
Lower San Andres Porosity	4811'	Possible Stuck Pipe
Total Depth	5200'	

Estimated Formation Pressure - 1085 psi @ 4800' (± 2.5 MNV).

By: Enying Mayorga
 DATE: August 25th, 2006, 03:20 PM

3002502859	50 CENTRAL VACUUM UNIT	✓	O	A	Surf	8.75"	7"	4104'	400	2000'		Calc	VACUUM,GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	35E	31	D	32.797	-103.5034	660	N	660	W	4662	4662	0	0	4662	02/27/38	
					Prod	18"	16"	252'	200	Surf																						
					OH	8.75"	7"	4103'	170	3207'																						
						6.125"		4723'																								
3002508453	21 CENTRAL VACUUM UNIT	✓	O	A	Surf	11"	8.625"	1571'	600	Surf		VACUUM GB SA (CONSOLIDATED)**	CHEVRON	Lea	17.0S	34E	25	I	32.8042	-103.5077	1980	S	660	E	4700	0	0	0	4700	08/15/38		
3002508453	21 CENTRAL VACUUM UNIT		O	A	Prod	7.75"	5.5"	4290'	275			VACUUM,GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	I	32.8042	-103.5077	1980	S	660	E	4700	0	0	0	4700			
3002520115	7 MCCALLISTER STATE		O	P	Surf	16.00"	371'	40	Surf			Circ	VACUUM,ABO, NORTH	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.5169	660	S	1780	W	0	12125	0	0	12125	04/08/63	
3002520115	7 MCCALLISTER STATE		O	P	Inter	10.75"	5006'	40	Surf			Circ	VACUUM,BLINEBRY	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.5169	660	S	1780	W	0	12125	0	0	12125		
3002520115	7 MCCALLISTER STATE		O	P	Prod	7.00"	12125'	25	8800"			Calc	VACUUM,UPPER PENN	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.5169	660	S	1780	W	0	12125	0	0	12125		
3002520115	7 MCCALLISTER STATE		O	P								VACUUM,WOLFCAMP																				
3002520172	5 NEW MEXICO Q STATE		O	P	Surf	15"	11.75"	1550'	1100	Surf		Circ	VACUUM,BLINEBRY	TEXACO	Lea	17.0S	34E	25	O	32.8001	-103.5123	460	S	2080	E	0	6850	0	0	6850	09/24/63	
3002520172	5 NEW MEXICO Q STATE		O	P	Inter	11"	8.625"	3305'	500	Surf		Circ	VACUUM,GLORIETA	TEXACO	Lea	17.0S	34E	25	O	32.8001	-103.5123	460	S	2080	E	0	6850	0	0	6850		
					Prod	7.875"	2.875"	6850'																								
					Prod	7.875"	2.875"	6848'	1400	(both production strings set with 1400 sx)																						
3002520179	86 VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	12.25"	8.625"	1538'	1175	Surf		Circ	VACUUM,GLORIETA	CHEVRON	Lea	17.0S	34E	36	K	32.7906	-103.5151	2310	S	2310	W	0	0	0	0	99999	06/04/63	
					Prod	7.875"	5.5"	6850'	900	2610"																						
					OH	4.75"																										
3002520197	21 NEW MEXICO O STATE NCT 1	✓	O	A	Surf	12.25"	9.625"	725'	390	Surf		Circ		TEXACO	Lea	17.0S	34E	36	G	32.7936	-103.5117	1900	N	1900	E	0	0	0	0	6850	10/12/63	
					Prod	8.75"	7"	2621'	700			Circ																				
3002520212	36 VACUUM GLORIETA WEST UNIT	✓	O	T	Surf	11"	8.625"	1601'	610	Surf		Circ	VACUUM,GLORIETA	CHEVRON	Lea	17.0S	34E	25	I	32.8033	-103.5081	1650	S	790	E	0	6900	0	0	6900	11/03/61	
					Prod	7.875"	5.5"	6898'	800	2510"		TS																				
3002520274	18 NEW MEXICO O STATE NCT 1		O	P	Surf	17.5'	13.375"	1555'	1200			VACUUM,DRINKARD	TEXACO	Lea	17.0S	34E	36	H	32.7936	-103.5073	1880	N	560	E	11510	11510	0	0	11510	05/09/63		
3002520274	18 NEW MEXICO O STATE NCT 1		O	P	Inter	12.25"	9.625"	4796'	1700			VACUUM,WOLFCAMP	TEXACO	Lea	17.0S	34E	36	H	32.7936	-103.5073	1880	N	560	E	11510	11510	0	0	11510			
					Prod	8.75"	2.875	11508'	1700																							
3002520294	4 NEW MEXICO Q STATE		O	P	Surf	20"	16"	365'	400	Surf		Circ	VACUUM,ABO, NORTH	CHEVRON	Lea	17.0S	34E	25	P	32.8002	-103.508	500	S	760	E	0	12285	0	0	12285	08/21/63	
3002520294	4 NEW MEXICO Q STATE		O	P	Prod	12.25"	9.625"	4799'	1700			Calc	VACUUM,UPPER PENN	CHEVRON	Lea	17.0S	34E	25	P	32.8002	-103.508	500	S	760	E	0	12285	0	0	12285		
3002520294	4 NEW MEXICO Q STATE		O	P								VACUUM,WOLFCAMP																				
3002520334	7 STATE BA		O	P	Surf	9.875"	1517'	135	Surf			Circ	VACUUM,GLORIETA	TEXACO	Lea	17.0S	34E	36	C	32.797	-103.5165	660	N	1880	W	0	6750	0	0	6750	06/01/63	
					Inter	2.875"	6750'	195	1900			TS																				
					Prod	2.875"	6750'	195	1900			TS																				
3002520784	76 VACUUM GLORIETA WEST UNIT	✓	O	T	Surf	12.25"	8.625"	1575'	24	bs/ft		Circ	VACUUM,GLORIETA	CHEVRON	Lea	17.0S	35E	31	E	32.7932	-103.5038	2030	N	510	W	6900	6851	0	0	6065	05/20/64	
					Prod	7.875"	4.5"	6900'	1600																							
3002520862	250 CENTRAL VACUUM UNIT	✓	O	A	Surf	17.5"	13.375"	370'	350	Surf		Circ	VACUUM,GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	35E	31	D	32.7974	-103.5038	510	N	535	W	10553	10553	0	0	10553	10/14/64	
					Inter	12.25"	9.625"	5000'	3575	Surf		Circ																				
					Prod	8.75"	7"	10553	1520	5660		TS																				
3002520863	62 VACUUM GLORIETA WEST UNIT	✓	O	T	Surf	12.25"	9.625"	1568'	800	Surf		Circ	VACUUM,GLORIETA	CHEVRON	Lea	17.0S	35E	31	D	32.7967	-103.5037	760	N	560	W	6850	0	0	0	6850	06/30/64	
					Prod	8.75"	4.5"	6850'	2300																							
3002520941	5 NEW MEXICO N STATE	✓	O	A	Surf	15"	11.75"	1550'	1000	Surf		Circ		TEXACO	Lea	17.0S	35E	30	M	32.8004	-103.5037	560	S	560	W	0	0	0	6863	6863	03/24/64	
					Inter	10.625"	8.625"	3320'	350																							
					Prod	7.875"	2.875"	6863'	1400																							
3002520942	6 NEW MEXICO N STATE		O	P	Surf	17.5"	13.375"	1561'	1250	Surf		Circ	VACUUM,ABO, NORTH	GRUY	Lea	17.0S	35E	30	L	32.8043	-103.504	1980	S	460	W	10300	10300	0	0	10300	05/15/64	
3002520942	6 NEW MEXICO N STATE		O	P	Inter	12.25"	9.625"	4787'	1700	Surf		Circ	VACUUM,GLORIETA	GRUY	Lea	17.0S	35E	30	L	32.8043	-103.504	1980	S	460	W	10300	10300	0	0	10300		

3002520942	6 NEW MEXICO N STATE	O	P	Prod	8.875"	2.875"	6988'	1800	Surf	Circ	VACUUM;WOLFCAMP	GRUY	Lea 17.0S	35E	30	L	32.8043	-103.504	1980 S	460 W	10300	10300	0	0	10300		
				Prod	8.875"	2.875"	10282'	1800	Surf	Circ																	
				Prod	8.875"	2.875"	10287'	1800	Surf	Circ																	
✓	3002520945	16 NEW MEXICO O STATE NCT 1	I	P	Surf	11.75"	1530'	120	Surf	Circ	VACUUM;GLORIETA	TEXACO	Lea 17.0S	34E	36	H	32.7934	-103.5087	1980 N	990 E	6800	6800	0	0	6800	02/27/64	
				Inter	8.875"	3300'	120	2400'	TS																		
				Inter	2.875"	6797'	130	3292'	CBL																		
				Prod	2.875"	6800'	130	3292'	CBL																		
✓	3002520947	6 NEW MEXICO Q STATE	O	P	Surf	15"	11.75"	1530'	1100	Surf	Circ	VACUUM;BLINEBRY	TEXACO	Lea 17.0S	34E	25	P	32.8001	-103.5088	460 S	989 E	0	6850	0	0	6850	02/07/64
	3002520947	6 NEW MEXICO Q STATE	O	P	Inter	10.625"	8.625"	3200'	750	Surf	Circ	VACUUM;GLORIETA	TEXACO	Lea 17.0S	34E	25	P	32.8001	-103.5088	460 S	989 E	0	6850	0	0	6850	
				Prod	7.625"	2.875"	6850'	900	Surf	Circ																	
	3002520948	1 TEXACO SHELL STATE COM	O	A	✓	13.375"	375'	400	Surf	Circ	VACUUM;UPPER PENN	GRUY	Lea 17.0S	34E	25	J	32.8038	-103.5116	1833 S	1845 E	0	10200	0	0	10200	03/27/64	
	3002520948	1 TEXACO SHELL STATE COM	O	A	Inter	9.625"	4786'	1700	Surf	Circ	VACUUM;WOLFCAMP	GRUY	Lea 17.0S	34E	25	J	32.8038	-103.5116	1833 S	1845 E	0	10200	0	0	10200		
				Prod	2.875"	10180'	1800	Surf	Circ																		
				Prod	2.875"	10182'	1800	Surf	Circ																		
				Prod	2.875"	10183'	1800	Surf	Circ																		
✓	3002520949	8 NEW MEXICO Q STATE	O	P	Surf	11"	8.625"	1611'	600	Surf	Circ	VACUUM;GLORIETA	TEXACO	Lea 17.0S	34E	25	J	32.8037	-103.5124	1800 S	2100 E	0	99999	0	0	99999	06/26/64
				Prod	7.875"	2.78"	6841'	900	Surf	Circ																	
	3002520986	8 STATE BA	O	A	✓	17.5"	13.375"	399'	350	Surf	Circ	VACUUM;ABO, NORTH	CHEVRON	Lea 17.0S	34E	36	B	32.7967	-103.5123	766 N	2086 E	10494	10494	0	0	10494	05/25/64
	3002520986	8 STATE BA	O	A	Inter	12.25"	9.625"	4836.5'	3550	Surf	Circ	VACUUM;UPPER PENN	CHEVRON	Lea 17.0S	34E	36	B	32.7967	-103.5123	766 N	2086 E	10494	10494	0	0	10494	
	3002520986	8 STATE BA	O	A	Prod	8.75"	7"	10487'	1480	2000'	TS	VACUUM;WOLFCAMP	CHEVRON	Lea 17.0S	34E	36	B	32.7967	-103.5123	766 N	2086 E	10494	10494	0	0	10494	
✓	3002521061	9 STATE BA	O	P	Surf	12.25"	9.625"	1537'	700	Surf	Circ	VACUUM;GLORIETA	TEXACO	Lea 17.0S	34E	36	B	32.797	-103.5131	660 N	2310 E	0	6792	0	0	6792	10/05/64
				Inter	8.75"	2.875"	6791'	1015	Surf	Circ																	
	3002521432	61 VACUUM GLORIETA WEST UNIT	O	A	✓	12.25"	9.625"	1550'	480	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea 17.0S	34E	36	A	32.797	-103.508	660 N	760 E	0	6830	0	0	6830	04/28/65
				Prod	8.75"	2.875"	6750'	650	Base of Salt																		
✓	3002525697	72 CENTRAL VACUUM UNIT	I	P	Surf	11"	8.625"	350'	200	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	TEXACO	Lea 17.0S	34E	36	G	32.7916	-103.5099	2630 N	1330 E	0	4812	0	0	4812	11/10/77
				Prod	7.875"	4.5"	4800'	2800	Surf	Circ																	
✓	3002525704	41 CENTRAL VACUUM UNIT	I	P	Surf	8.625"	359'	35	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	TEXACO	Lea 17.0S	34E	36	C	32.7986	-103.5143	60 N	2552 W	0	4800	0	0	4800	12/12/77	
				Prod	4.5"	4800'	100	Surf	Circ																		
✓	3002525705	42 CENTRAL VACUUM UNIT	I	P	Surf	12.25"	9.625"	365'	400	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	34E	36	A	32.7987	-103.5097	32 N	1286 E	0	0	0	0	99999	12/26/77
				Prod	7.875"	4.5"	4800'	2200	N/A																		
	3002525706	43 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	8.625"	403'	425	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	34E	36	A	32.7987	-103.5059	35 N	127 E	0	0	0	0	99999	01/06/78
				Prod	7.875"	4.5"	4800'	2500	Surf	Circ																	
	3002525719	44 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	8.625"	396'	425	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	35E	31	D	32.7984	-103.5015	134 N	1219 W	4800	4800	0	0	4800	12/31/77
				Prod	7.875"	4.5"	4800'	2500	Surf	Circ																	
	3002525722	56 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	8.625"	396'	425	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	34E	36	C	32.7952	-103.5141	1310 N	2630 W	0	0	0	0	99999	12/21/77
				Prod	7.875"	4.5"	4800'	2200	Surf	Circ																	
	3002525723	57 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	8.625"	396'	425	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	34E	36	B	32.7952	-103.5099	1310 N	1330 E	0	4800	0	0	4800	01/09/78
				Prod	7.875"	4.5"	4800'	2200	Surf	Circ																	
	3002525724	58 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	8.625"	405'	425	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	34E	36	A	32.7952	-103.5059	1310 N	132 E	0	0	0	0	99999	01/17/78
				Prod	7.875"	4.5"	4800'	2200	Surf	Circ																	
	3002525725	59 CENTRAL VACUUM UNIT	✓	A	Surf	12.25"	9.625"	423'	450	Surf	Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea 17.0S	35E	31	E	32.795	-103.5016	1403 N	1200 W	4800	4800	0	0	4800	12/19/77

3002525794	29	CENTRAL VACUUM UNIT	✓	I	A	Surf	12.25"	8.625"	415'	425	Surf	Circ	CHEVRON	Lea	17.0S	35E	30	L	32.8025	-103.5015	1330	S	1238	W	4800	0	0	0	4800	03/01/78
3002525814	26	CENTRAL VACUUM UNIT	✓	I	A	Surf	11"	8.625"	350'	200	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	J	32.8024	-103.5139	1330	S	2577	E	0	0	0	0	99999	03/03/78
3002525815	27	CENTRAL VACUUM UNIT	✓	I	A	Surf	11"	8.625"	350'	200	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	J	32.8025	-103.5102	1330	S	1425	E	0	0	0	0	99999	02/12/78
3002525816	28	CENTRAL VACUUM UNIT	✓	I	A	Surf	11"	8.625"	350'	200	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	P	32.8022	-103.506	1230	S	159	E	0	0	0	0	99999	03/05/78
3002527913	47	VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	14.75"	11.75"	1520'	2150	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	O	32.8015	-103.5131	990	S	2308	E	0	6100	0	0	6100	08/21/82
3002527965	155	CENTRAL VACUUM UNIT	✓	I	A	Surf	20"	16"	350'	650	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	I	32.8059	-103.5098	2580	S	1310	E	0	4800	0	0	4800	11/14/82
3002530022	286	CENTRAL VACUUM UNIT	✓	O	A	Surf	13.375"	13.375"	1550'	1450	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	P	32.8007	-103.5098	681	S	1310	E	0	0	0	0	4720	08/31/87
3002530104	242	CENTRAL VACUUM UNIT	✓	I	A	Surf	24"	20"	354'	850	Surf	Circ	CHEVRON	Lea	17.0S	34E	36	A	32.7986	-103.5078	90	N	706	E	0	4720	0	0	4720	03/01/88
3002530716	60	VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	14.75"	11.75"	1550'	1300	Surf	Circ	CHEVRON	Lea	17.0S	34E	36	B	32.7961	-103.5131	980	N	2308	E	6627	0	0	0	6627	12/10/89
3002530967	49	VACUUM GLORIETA WEST UNIT	✓	O	T	Surf	15"	11.75"	1550'	1200	Surf	Circ	CHEVRON	Lea	17.0S	35E	30	M	32.8015	-103.5026	980	S	895	W	6320	0	0	0	6320	
3002530968	74	VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	15"	11.75"	1550'	1200	Surf	Circ	CHEVRON	Lea	17.0S	34E	36	G	32.7924	-103.5117	2310	N	1900	E	0	6300	0	0	6300	11/29/90
3002530969	75	VACUUM GLORIETA WEST UNIT	✓	O	T	Surf	15"	11.75"	1550'	1200	Surf	Circ	CHEVRON	Lea	17.0S	34E	36	H	32.7925	-103.5087	2310	N	990	E	0	6300	0	0	6300	12/14/90
3002530970	48	VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	15"	11.75"	1550'	1200	Surf	Circ	CHEVRON	Lea	17.0S	34E	25	P	32.801	-103.5081	815	S	800	E	0	0	0	0	99999	12/30/90
3002530971	59	VACUUM GLORIETA WEST UNIT	✓	O	A	Surf	15"	11.75"	1550'	1200	Surf	Circ	CHEVRON	Lea	17.0S	34E	36	C	32.7961	-103.5165	990	N	1880	W	0	6270	0	0	6270	10/29/91
3002531133	11	NEW MEXICO N STATE	✓	O	C	Surf	11"	8.625"	3000'	850	Surf	Circ	TEXACO	Lea	17.0S	35E	30	L	32.8048	-103.5031	2180	S	750	W	0	0	0	0	6330	not drilled

3002531701	40	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1549'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	K	32.8031	-103.5148	1590	S	2404	W	6290	0	0	0	6290	12/14/92	
						Prod	7.875"	5.5"	6290'	1700																					
3002531702	52	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1550'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	N	32.7994	-103.5174	214	S	1630	W	6200	0	0	0	6200	11/01/92	
						Prod	7.875"	5.5"	6285'	1675																					
3002531703	53	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1550'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	N	32.7994	-103.515	215	S	2350	W	6300	0	0	0	6300	11/09/92	
						Prod	7.875"	5.5"	6300'	1900																					
3002531786	30	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1540'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	J	32.8051	-103.5101	2305	S	1391	E	6340	6340	0	0	6340	12/10/92	
						Prod	7.875"	5.5"	6340'	2375																					
3002531808	67	VACUUM GLORIETA WEST UNIT	I	A		11"	8.625"	1552'				VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	36	G	32.7949	-103.5101	1435	N	1408	E	6332	9999	0	0	9999	02/03/93	
						Prod	7.875"	5.5"	6300'																						
3002531814	31	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1550'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	I	32.8057	-103.506	2520	S	153	E	6353	9999	0	0	9999	12/21/92	
						Prod	7.875"	5.5"	8000'	1710																					
3002531815	42	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1530'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	35E	30	M	32.8019	-103.5054	1114	S	41	W	6345	9999	0	0	6345	01/07/93	
						Prod	7.875"	5.5"	6345'	2015																					
3002531816	54	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1540'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	36	B	32.7987	-103.5107	51	N	1588	E	6338	0	0	0	6338	01/24/93	
						Prod	7.875"	5.5"	6340'	2375																					
3002531817	55	VACUUM GLORIETA WEST UNIT	I	A	✓	11"	8.625"	1550'	650	Surf	Circ	VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	P	32.7992	-103.5059	146	S	128	E	6334	9999	0	0	9999	12/30/92	
						Prod	7.875"	5.5"	6334'	1650																					
3002531838	41	VACUUM GLORIETA WEST UNIT	I	A		11"	8.625"	1566'	650	400'		VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	25	J	32.8026	-103.5109	1377	S	1646	E	6328	0	0	0	6328	02/23/93	
						Prod	7.875"	5.5"	6328'	1985																					
3002531842	81	VACUUM GLORIETA WEST UNIT	I	A		14.75"	11.75"	1500'	940	Surf		VACUUM GLORIETA	CHEVRON	Lea	17.0S	34E	36	J	32.7912	-103.5104	2521	S	1503	E	6304	0	0	0	6304	02/06/93	
						Prod	7.875"	5.5"	6304'	1800																					
3002533434	10	NEW MEXICO N STATE	O	A	✓	14.75"	11.75"	1500'	800	Surf		VACUUM UPPER PENN	CHEVRON	Lea	17.0S	35E	30	M	32.801	-103.5039	800	S	510	W	11536	11536	0	0	11536	05/29/96	
						Inter	11"	8.625"	5300'	1800																					
						Prod	7.875"	5.5"	11536'	2050																					
3002533569	39	NEW MEXICO O STATE NCT-1	O	A	✓	14.75"	11.75"	1480'	800	Surf	Circ	VACUUM UPPER PENN	CHEVRON	Lea	17.0S	34E	36	G	32.7931	-103.5124	2075	N	2110	E	10300	10300	0	0	10300	12/31/96	
3002533569	39	NEW MEXICO O STATE NCT-1	O	A		11"	8.625"	5310'	2125	90'		VACUUM WOLFCAMP	CHEVRON	Lea	17.0S	34E	36	G	32.7931	-103.5124	2075	N	2110	E	10300	10300	0	0	10300		
						Prod	7.875"	5.5"	10300'	1000																					
3002533570	14	STATE BA	O	A	✓	14.75"	11.75"	1500'	800	Surf	Circ	VACUUM ATOKA	CHEVRON	Lea	17.0S	34E	36	A	32.7961	-103.5066	990	N	330	E	11500	1500	0	0	11500	09/11/96	
						Inter	11"	8.625"	5300'	1740																					
						Prod	7.875"	5.5"	11500'	2300																					
3002533711	167	CENTRAL VACUUM UNIT	O	A	✓	11"	8.625"	1540'	550	Surf	Circ	VACUUM GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	36	G	32.7933	-103.5141	2000	N	2630	E	4850	4850	0	0	4850	12/26/96	
						Prod	7.875"	5.5"	6334'	1650																					
3002533850	12	NEW MEXICO Q STATE	O	A		14.75"	11.75"	1504'	800	Surf		VACUUM UPPER PENN	CHEVRON	Lea	17.0S	34E	25	O	32.7999	-103.5117	400	S	1900	E	10350	10350	0	0	10350	03/23/97	
3002533850	12	NEW MEXICO Q STATE	O	A		11"	8.625"	3718'	1825	Surf		VACUUM WOLFCAMP	CHEVRON	Lea	17.0S	34E	25	O	32.7999	-103.5117	400	S	1900	E	10350	10350	0	0	10350		
						Prod	7.875"	5.5"	10349'	2500																					
3002534945	15	STATE BA	O	A		14.75"	11.75"	1514'	830	Surf			TEXACO	Lea	17.0S	34E	36	C	32.7971	-103.5157	612	N	2135	W	0	0	0	0	10500	11/05/04	
3002534945	15	STATE BA	O	A		11"	8.625"	3725'	1930			VACUUM ABO, NORTH	CHEVRON	Lea	17.0S	34E	36	C	32.7971	-103.5157	612	N	2135	W	10500	0	0	0	0	10500	
3002534945	15	STATE BA	O	A		7.875"	5.5"	10498'	1215			VACUUM UPPER PENN	CHEVRON	Lea	17.0S	34E	36	C	32.7971	-103.5157	612	N	2135	W	10500	0	0	0	0	10500	
3002534945	15	STATE BA	O	A								VACUUM WOLFCAMP	CHEVRON	Lea	17.0S	34E	36	C	32.7971	-103.5157	612	N	2135	W	10500	0	0	0	0	10500	

3002535213 241 CENTRAL VACUUM UNIT ✓ A Surf 12.25' 9.625" 1552' 650 Surf Circ VACUUM,GRAYBURG,SAN ANDRES CHEVRON Lea 17.0S 34E 36 B 32.7986 -103.5119 74 N 1940 E 4850 5664 0 0 5664 01/13/01

Prod

8.75"

7"

4850'

950

230'

TS

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Blanco Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	WELL API NO. 30-025-02236
2. Name of Operator Texaco Exploration & Production, Inc.	5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator P. O. Box 3109, Midland, TX 79702	6. State Oil & Gas Lease No. B-155
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>Lea</u> County	7. Lease Name or Unit Agreement Name: Central Vacuum Unit
10. Elevation (Show whether DR, RKB, RT, GR, etc.)	8. Well No. #66
	9. Pool name or Wildcat Vacuum Grayburg- SA

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- Record show attempted to spot cmt in O.H. Cmt 5 1/2" csg & tbq 4650'-2877' cut tbq @ 2345'
- Perf 6 holes @ 2345' attempted to sqz unable spot 25 sx plug 2345'-2100' tag cmt @ 2112' (Yates-B-Salt)
- Displace hole w/MLF 9.5# brine w/25# gel P/BBL
- Perf 6 holes @ 1600', sqz 75 sx plug 1600'-1400' (T-Salt, 7 5/8" shoe) tag @ 1326'
- Perf 6 holes @ 310' sqz 75 sx plug 310'-200' (10 3/4" shoe) tag @ 193'
- Circ cmt 30' to surf w/15 sx - Install dry hole marker. 10/17/01

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jimmy Bagley TITLE MANAGER DATE 10/17/01

Type or print name Jimmy BAGLEY Telephone No. 915 683-4996
(This space for State use)

APPROVED BY [Signature] TITLE Adm. Rep. DATE 1-29-02
Conditions of approval, if any:

GWV

(3 STRING CSNG)

LEASENAME CENTRAL VACUUM UNIT

WELL # 66

17S RNG 34E

TD:

FORMATION @ TD GRAY BUG

PBTD: 4750

FORMATION @ PBTD San Andres

4 REQUIRED PLUGS DISTRICT 1

[illegible]

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-02520172
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name New Mexico Q State
8. Well No. 5
9. Pool name or Wildcat Vacuum Glorieta/ Blinberry

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco ESP Inc	
3. Address of Operator P.O. Box 730; Hobbs, New Mexico 88240	
4. Well Location Unit Letter 0 : 460 Feet From The South Line and 2080 Feet From The East Line Section 25 Township 17S Range 34E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3977' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☒
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11/29 - NOTIFY NMOCD 7:30 a.m.
11/30 - SET CIRC IN X WELL 5900' - SET CIRC IN Y WELL 6040'
12/01 - BROKE STINGER OFF IN CIRC IN X WELL - TALKED WITH PAUL KAUTZ, SAID OK TO RUN PKR TO 3500' AND TEST BACKSIDE AND SQZ 65 SX AND DISP TO 5800' WELL SQZD OFF @ 1500 PSI.
12/04 - POOH W/ PKR - RIH W/ STINGER IN Y WELL, STING INTO CIRC & ATTEMPT INJECT RATE - COULD NOT PUMP INTO PERFS. TALKED W/ PAUL & OK TO SPOT 10 SX CMT ON TOP OF CIRC @ 6040'
12/04 - SPOT 10 SX CLS-C CMT FROM 4370' TO 4070' INSIDE Y WELL
12/04 - SPOT 30 SX CLS-C FROM 3733' to 2700' INSIDE Y WELL
12/04 - SPOT 10 SX CLS-C FROM 1720' to 1500' INSIDE Y WELL
12/04 - PUSH BROKE PKR TO 4500' PULLED BACK UP TO 4370' SHUT DOWN
12/05 - SPOT 10 SX CLS-C CMT FROM 4370' TO 4070'
12/05 - SPOT 10 SX CLS-C CMT FROM 3733' TO 3433'
12/05 - PERF @ 3308' & SET 2 7/8" CIRC @ 3200' ATTEMPT INJECT RATE PRESS UP TO 4000 PSI. TALKED W/ BUDDY TALKED W/ JERRY SEXTON & CLEARED TO SPOT 20 SX CLS-C ON TOP OF CIRC FROM 3200' & NOT TO PERF @ 1720' BUT TO SPOT 20 SX FROM 1520' to 1220' & TO DO SURF PLUG FROM 300' TO SURF ON X & Y WELL
12/05 - SPOT 10 SX FROM 300' TO SURF IN X WELL
12/05 - SPOT 10 SX FROM 300' TO SURF IN Y WELL
12/06 - RIG DOWN MOVE OFF. PLUG WELL 12/05 NIPPLE DOWN BOP & CUT OFF WELLHEAD & CAP WELL INSTALL DRY HOLE MARKER, CLEAN OFF LOCATION & MOVE OFF

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE P&A Supervisor DATE 12/7/95

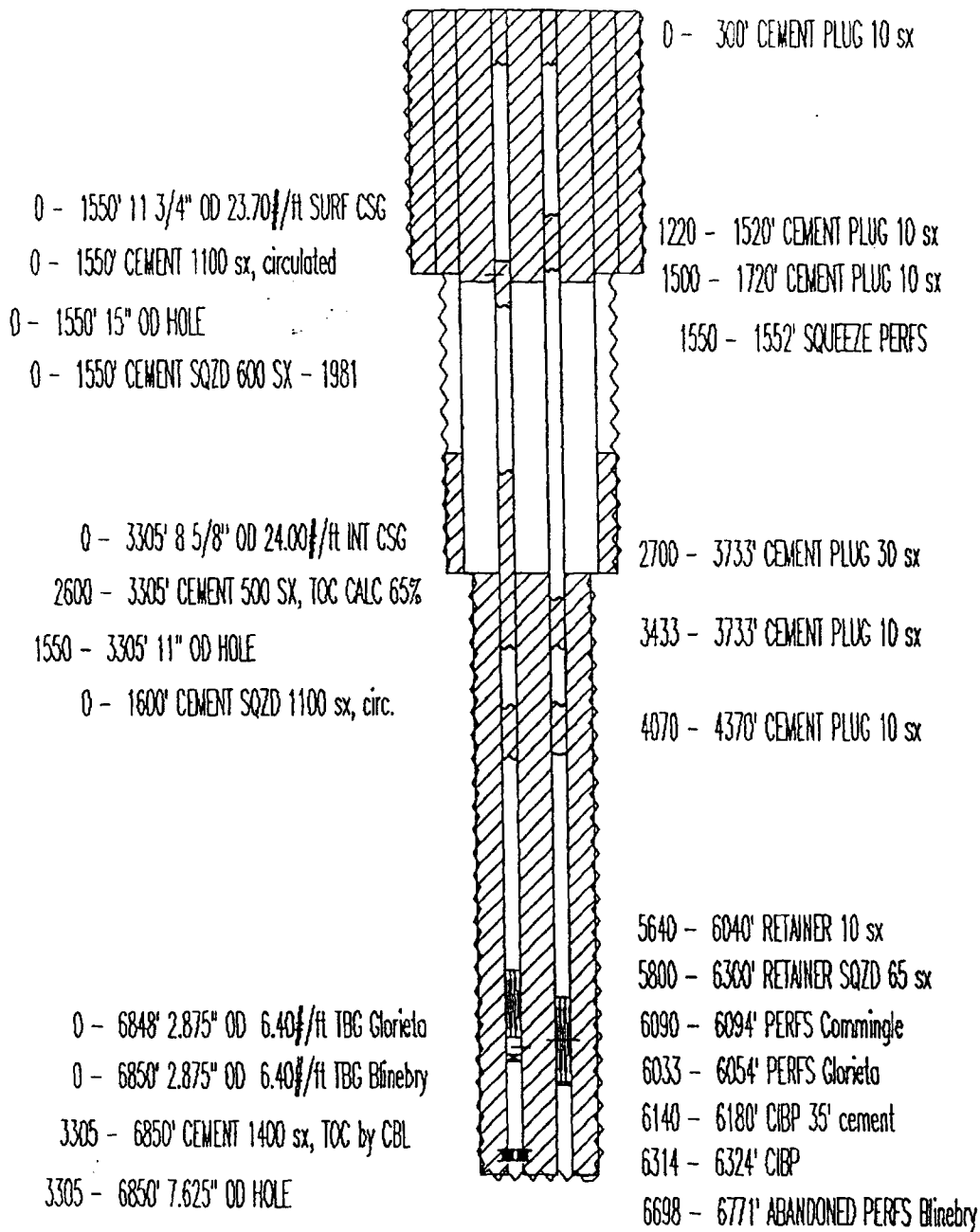
TYPE OR PRINT NAME _____ TELEPHONE NO. _____

APPROVED BY [Signature] TITLE OIL & GAS DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

P&A: 12-06-95

TEXACO E&P INC.
NM "Q" State NCT-1 No. 5
API# 30-025-20172



460 FSL & 2080 FEL
SEC 25, TWN 17S, RANGE 34E
ELEVATION: 3997' GR
COMPLETION DATE: 10-16-63
COMPLETION INTERVAL: 5941' - 6290' (Glorieta)
6698' - 6771' (Blinebry)

JAN 1986
Received
Hobbs
OCD

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 3002520274
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-155-1
7. Lease Name or Unit Agreement Name New Mexico "O" State
8. Well No. 18
9. Pool name or Wildcat Vacuum Drinkard

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco E&P Inc.	
3. Address of Operator P.O. Box 3109 Midland, Tx 79702	
4. Well Location Unit Letter <u>H</u> : <u>1880</u> Feet From The <u>North</u> Line and <u>560</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4005 DF	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data.	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐ CASING TEST AND CEMENT JOB ☐ OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Notify NMOCD of intent to plug & abandon well.
2. This is a triple completion with 3-strings of 2-7/8" tubing for production csg.
3. MIRU Pool RUON X-string. TIH w/2-1/16" tub @ 9500'. Load csg. w/25# per bbl s-gel. POOH to 7700'. Spot 20sx cmt. plug 7700-7100.
4. POOH to 6600. Spot 30sx cmt. plug 6600-5800 (Blinbry-Glorietta)
5. POOH to 4850. Spot 30sx cmt. plug 4850-4300. (9-5/8" shoe-San Andres)
6. POOH to 3700. Spot 10sx cmt. plug 3700-3400 (Queens)
7. POOH to 2860. Spot 10sx cmt. plug 2860-2550 (Yates-B-salt)
8. POOH to 1650. Spot 20sx cmt. plug 1650-1050 (13-3/8" shoe)
9. POOH to 400. Spot 15sx 400-0 (fresh water)
X-string is plugged.
10. RU on Y-string TIH w/2-1/16" tub tag CIBP @ 7700' Load csg. w/25# per bbl. s-gel mud.
11. POOH RUWL Set CIGR 7350' TIH w/tub sq. perf. 7402-7606 w/45sx cmt. unsting & cap CIGR w/10sx cmt. 7350-7000.
12. POOH to 6600. Spot 30sx cmt. plug 6600-5800 (Blinbry-Glorietta)
13. POOH to 4850. Spot 30sx cmt. plug 4850-4300. (9-5/8" shoe-San Andres)
14. POOH to 3700'. Spot 10sx cmt. plug 3700-3400. (Queens)

(Continue on back side)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE RJ Harding III TITLE Operations Engineer DATE 2-13-95
TYPE OR PRINT NAME RJ Harding III TELEPHONE NO. 915-688-4816

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

MAR 08 1995

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Will need to perform pull 27 TBC from 1700'

myf

15. POOH to 2860. Spot 10sx cmt. plug 2860-2550 (Yates-B-salt)
16. POOH to 1650. Spot 20sx cmt. plug 1650-1050 (13-3/8" shoe)
17. POOH to 400. Spot 15sx cmt. plug 400-0 (fresh water)
Y-string is plugged
18. RU on Z-string TIH w/2-1/16" tub tag CIBP @ 5990. Load csg. w/25# per bbl. s-gel mud. Cap CIBP @ 5990-5690.
19. POOH to 4850. Spot 30sx cmt. plug 4850-4300 (9-5/8" shoe-San Andres)
20. POOH to 3700. Spot 10sx cmt. plug 3700-3400 (Queens)
21. POOH to 2860. Spot 10sx cmt. plug 2860-2550 (Yates-B-salt)
22. POOH to 1650. Spot 20sx cmt. plug 1650-1050 (13-3/8" shoe)
23. POOH to 400. Spot 15sx cmt. plug 400-0 (Fresh H₂O)
Z-string is plugged

Dig out cellar; cut off well head; cap well & install dry hole marker. RD Pool & clean location.

X - PSLV

Y - WFMP

Z - ABO

New Mexico "O" State '93

Proposed

X-string 153x - 400-0

Y-string - 153x - 400-0

Z-string - 153x 400-0

13 3/8" CSQ SET @ 1534'

cmt w/ 1200 SX (cmt clog)

diag 17 1/2" hole

X - spot 20 SX 1650 - 1050

SQ 13 3/8" X 9 5/8" BRADENHEAD

SQ 850 SX Rautemp survey TOC
1800 - SURFACE

9 5/8" SET @ 1796' cmt w/ 1700 SX

TOC 2600'

diag 12 3/4" hole

X - spot 10 SX 2860 - 2550

X - spot 10 SX 3700 - 3400
(Queens)

X - spot 30 SX 4850 - 4300
(9 5/8" shoe - SAN ANDRES)

X - spot 30 SX 6600 - 5800
Blivabe - Glorieta

X - spot 10 SX cmt plug 7700' - 7800'

DRG 8 3/4" hole to 11,510

RAN 35 strings 2 7/8" tub f/cas.

cmt w/ 2200 SX cmt

TOC 4900'

X - side CIBP 9500'
w/ 35' cmt.

9591 - 10182 (JUNK RODS)

10182 - 6210 (JUNK PUMP & ANCHOR)

11508 - X 10805 - Y 11508 - Z

TO 11,510'

(Note Diag out of ABO - Z side)

Possible 2 3/8" CSQ LEAK & 9 5/8" CSQ LEAK

f/ Bradenhead SQ.

Y - spot 20 SX 1650 - 1050

Z - spot 20 SX 1650 - 1050

(Z - side Diag out cmt f/ 225' - 2588')

Y - spot 10 SX 2850 - 2550 (Yates - B - S)

Z - spot 10 SX 2850 - 2550 (Yates - B - SAH)

Z spot 70 SX 3700 - 3400

Y - spot 10 SX 3700 - 3400

Z - spot 30 SX 4850 - 4300

Y - spot 30 SX 4850 - 4300
(9 5/8" shoe - SAN ANDRES)

Z - side CIBP 5990 - 5690 w/ 10 SX

Z - side CIBP 5990 5-19-78

Y side spot 30 SX 6600 - 5800

Z - side CIBP 6600' 20' of Hydramite.

Perf: Y side 7402' - 7606'

Y - side CIBP 7700 6/29/93

Y - side - SQ Perf 7402 - 7606 w/ 45 SX w/ CIBP OR
PK 7350' - unstring & cap w/ 10 SX 7350 - 7000

Y side CIBP 9460 w/ 35' of cmt 5/5/93

X - PSLV
Y - WFMP
Z - ABO

New Mexico "O" State 18

PRESENT

X Y Z

13 7/8" CSQ SET @ 1534'

cmt w/ 1700 SX (cmt ciz)

delg 17 1/2" hole

(Note Delg out of ABO-Z side)

possible 2 7/8" CSQ Leak & 9 3/8" CSQ Leak

f/ Braden head SQ.

SQ 13 7/8" x 9 5/8" Braden head

Annulus Un cemented?

SQ 850 SX RAN temp survey TOC
1800 - SURFACE

(Z-side Delg out cmt f/ 265' - 2588')

9 5/8" SET @ 1796' cmt w/ 1700 SX

TOC 2600'

delg 12 3/4" hole

Z-side CIBPE 5990 5-19-78

Z-side CIBPE 6600' 20' of Hydromite

Perf: Y-side 7402' - 7606'

Y-side CIBPE 7700 6/29/93

Y-side CIBPE 9460 w/ 35' of cmt 5/5/93

DRg 8 3/4" hole to 11,510

RAN 35' of 2 7/8" tub f/ CAS.

cmt w/ 2200 SX cmt

TOC 4300'

X-side CIBPE 9500'
w/ 35' cmt.

9591-10182 (JUNK RODS)

10182-10210 (JUNK PUMP & ANCHOR)

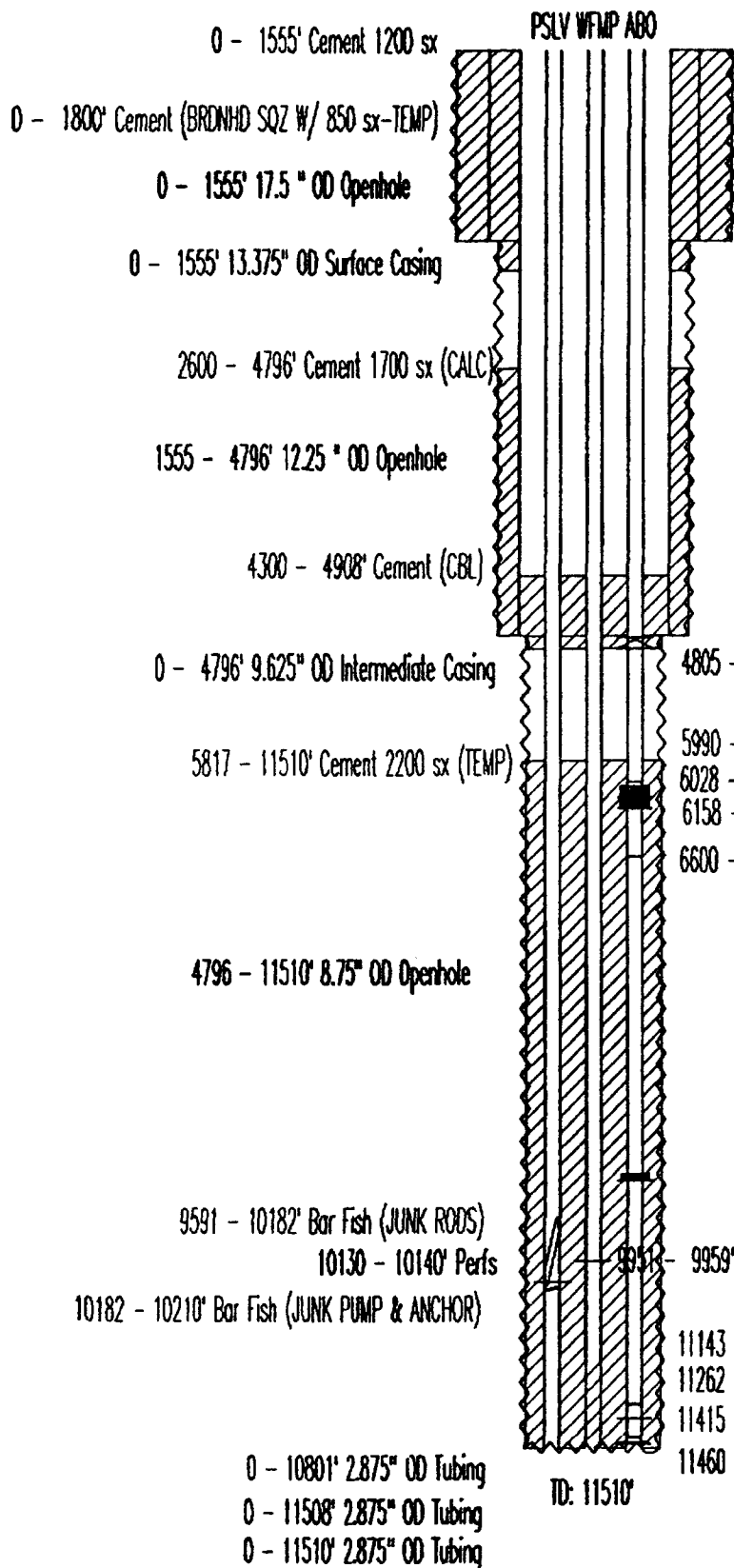
11508-X 10805-Y 11508-Z

TD 11,510'

"CURRENT WELLBORE DIAGRAM"

TEXACO
NM O STATE NCT-1 NO. 18
API# 3002520274

1880 FNL & 560 FEL
SEC. 36, T10N 17 S, RANGE 34 E
ELEVATION: 3989 GR
COMPLETION DATE: 10-09-63



COMPLETION INTERVAL: 10130 - 10140 (PSLV)
TRT: 500 GALS ACID (10130 - 10140)
IP: 265 BOPD, 350 MCFD, 25 BWPD (FLOWING)

SECOND CMPL INTRVL: 9951 - 9959 (WEMP)
TRT: 400 GALS ACID (9951 - 9959)
IP: 386 BOPD, 568 MCFD, 44 BWPD (FLOWING)

THIRD CMPL INTRVL: 9236 - 9290 (ABO)
IP: 94 BOPD, 86 MCFD, 2 BWPD (PUMPING)

CURRENT STATUS: SHUT-IN

4805 - 4908' Squeeze Perfs (SQZ W/ 135 sx)
5990 - 5995' CIBP
6028 - 6206' Abandoned Perfs
6158 - 6160' CIBP
6600 - 6605' CIBP (5' HYDROMITE CAP)
9236 - 9290' Abandoned Perfs
9951 - 9959' Perfs
11143 - 11155' CIBP (7" HYDROMITE CAP)
11262 - 11268' Abandoned Perfs
11415 - 11430' CIBP (4 GAL HYDROMITE CAP)
11460 - 11481' Abandoned Perfs

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-20274
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-155-1
7. Lease Name or Unit Agreement Name NEW MEXICO "O" STATE NCT-1
8. Well No. 18
9. Pool name or Wildcat VACUUM DRINKARD

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator TEXACO E & P INC.	
3. Address of Operator PO BOX 730; HOBBS, NEW MEXICO 88240	
4. Well Location Unit Letter <u>H</u> : <u>1880</u> Feet From The <u>NORTH</u> Line and <u>560</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4005 (DF)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) NOTIFY NMOCOD OF INTENT TO PLUG AND ABANDON WELL. NOTE THIS IS A TRIPLE COMPLETION WELL W/ STRINGS OF 2 7/8" TUB F/ CSG.
- 2) X STRING PSLV 06/19/95 20 SX CMT @ 7700' CAL TOC @ 6888'
- 3) 06/19/95 30 SX CMT @ 6600' CAL TOC @ 5382'
- 4) 06/19/95 30 SX CMT @ 4860' CAL TOC @ 3632' 9 5/8" SHOE PLUG
- 5) 06/19/95 10 SX CMT @ 3700' CAL TOC @ 3294'
- 6) 06/19/95 10 SX CMT @ 2860' CAL TOC @ 2454'
- 7) 06/19/95 20 SX CMT @ 1650' CAL TOC @ 838'
- 8) 06/19/95 15 SX CMT @ 400' TO 0' FRESH WATER PLUG
- 9) Y STRING WFMP 06/21/95 SET 2 7/8" CMT RET @ 7339' SQZ 45 SX CMT BELOW SHUT IN @ 1400 PSI CAP
- 10) 06/21/95 30 SX CMT @ 6600' CAL TOC @ 5382'
- 11) 06/21/95 30 SX CMT @ 4850' CAL TOC @ 3632' 9 5/8" SHOE PLUG
- 12) 06/21/95 10 SX CMT @ 3700' CAL TOC @ 3294'

(OVER)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

DATE

TYPE OR PRINT NAME

J.D. CAIDER

TELEPHONE NO.

915-3555080

(This space for state use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 07 1995

- 13) 06/21/95 10 SX CMT @ 2860' CAL TOC @ 2454'
- 14) 06/21/95 20 SX CMT @ 1650' CAL TOC @ 838'
- 15) 06/21/95 15 SX CMT @ 400' TO 0' FRESH AND SURF PLUG
- 16) Z STRING= ABO 06/22/95 TAG TOC @ 2588'
- 17) PERF 4JHF @ 1700' SQZ 100 SX CMT DOWN 2 7/8" CSG HAD FULL RETURNSS UP 9 5/8" X 2 7/8" DISP TOC TO 1300' TAG TOC NEXT DAY @ 1185'
- 18) 06/23/95 SPOT 15 SX SURF PLUG 400'-0'
- 19) 06/23/95 NIPPLE DOWN BOP & CUT OFF WELL HEAD; CAP WELL; INSTALL DRY HOLE MARKER
- 20) CLEAN UP LOCATION RIG DOWN & MOVE OFF.

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-20294
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1056-1
7. Lease Name or Unit Agreement Name New Mexico Q State
8. Well Number: 4
9. OGRID Number
10. Pool name or Wildcat Vacuum (N. Abo, Wolfcamp, Upper Penn)

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator

Chevron USA Inc

3. Address of Operator

P.O. Box 7139, Midland, Texas 79708

4. Well Location

Unit Letter P : 500 feet from the South line and 760 feet from the East line

Section 25 Township 17S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4003' DF

Pit type STEEL Depth to Groundwater 82 Distance from nearest fresh water well over 1000 Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☒

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Notified NMOCD 24 hrs. prior to MI&RU.

2. Set CIBP in "3X" string @ 9,575' (Wolfcamp perms).

3. Set CIBP in "12" string @ 8,028' (Abo perms).

4. Tagged @ 1,671' in "2Y" string (Penn perms).

5. Spotted 58sx of cement in "3X" string from 9,575'-7,240'. WOC Tagged @ 9,485'.

6. Spotted 100sx of cement in "3X" string from 9,485'-4,850'. WOC Tagged @ 6,180'.

7. Spotted 85sx of cement in "12" string from 8,028'-4,850'. WOC Tagged @ 5,290'.

8. Spotted 35sx of cement in "3X" string from 6,180'-4,850'. WOC Tagged @ 4,900'. Perf'd @ 4,850'.

9. Spotted 15sx of cement in "12" string from 5,290'-4,850'. WOC Tagged @ 4,750'. Perf'd @ 4,750'.

10. Cleaned out fill in "2Y" string to 8,281'. Got hard and unable to make any hole notified NMOCD.

11. Spotted 85sx of cement in "2Y" string from 8,281'-4,850'. WOC Tagged @ 5,160'.

12. Perf'd @ 4,850' in "2Y" string. Squeezed 166sx of cement via "3X, 12, 2Y" strings x 9-5/8" casing annulus. WOC Tagged @ 2,800' in "3X" string. Tagged @ 2,900' in "12" string. Tagged @ 2,670' in "2Y" string.

13. Perf'd @ 2,600' in "2Y" string. Unable to EPIR. Spotted 40sx of cement from 2,650'-1,700'. WOC Tagged @ 1,720' (B.Salt).

14. Spotted 30sx of cement in "12" string from 2,900'-1,700'. WOC Tagged @ 1,755' (B.salt)

15. Spotted 30sx of cement in "3X" string from 2,800'-1,700'. WOC Tagged @ 1,755' (B.salt)

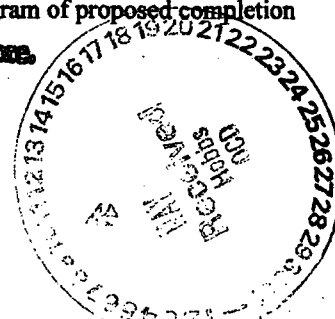
16. Perf'd @ 1,700' in "3X, 12, 2Y" strings (T.salt).

17. Unable to EPIR on "3X" string, spotted 46sx of cement from 1,775' to surface (T.salt, 11-3/4" shoe, surface). WOC Tagged @ 40'. Spotted 5sx of cement to surface. WOC Tagged @ surface.

18. Squeezed 106sx of cement thru "12" string. Circulated cement to surface via "3X, 12, 2Y" x 9-5/8" casing annulus. WOC Tagged @ surface.

19. Installed dry hole marker on 5-2-2006.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Type or print name Jimmy Bagley

TITLE Manager

DATE 5/2/2006

E-mail address:

Telephone No. (432) 561-8600

For State Use Only

APPROVED BY:

Hayden Wink

OFFICE REPRESENTATIVE II/STAFF MANAGER

DATE

MAY 11 2006

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-20294
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1056-1
7. Lease Name or Unit Agreement Name New Mexico Q State
8. Well Number: 4
9. OGRID Number
10. Pool name or Wildcat Vacuum (N. Abo, Wolfcamp, Upper Penn)

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator

Chevron USA Inc

3. Address of Operator

P.O. Box 7139, Midland, Texas 79708

4. Well Location

Unit Letter B P : 500 feet from the S North line and 760 feet from the East line
Section 12-25 Township 17S Range 36E 34 NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

4003' DF

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type STEEL Depth to Groundwater 82 Distance from nearest fresh water well over 1000 Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Notify NMOCD 24 hrs. prior to MI&RU.
2. Set CIBP in "3X" string @ 9,575' (Wolfcamp perms).
3. Set CIBP in "1Z" string @ 8,375' (Abo perms).
4. Set CIBP in "2Y" string @ 10,025' (Penn perms).
5. Spot 115sx plug in "3X" string from 9,575'-4,850'. WOC Tag.
6. Spot 85sx plug in "1Z" string from 8,375'-4,850'. WOC Tag.
7. Spot 125sx plug in "2Y" string from 10,025'-4,850'. WOC Tag..
8. Cut and pull 4,850' of each 2-7/8" string (3X,1Z,2Y-total 14,550')
9. Spot 55sx plug from 4,850'-4,700' (stub,9-5/8" shoe) WOC Tag.
10. Displace hole w/MLF, 9.5 ppg brine w/12.5 gel p/bbl.
11. Spot 70sx plug from 2,800'-2,600' (B. salt).
12. Spot 70sx plug from 1,735'-1,535' (T. salt).
13. Perf and squeeze 170sx plug from 485'-200' (11-3/4" shoe) WOC Tag.
14. Spot 10sx plug from 10'-surface (surface) WOC Tag.
15. Install dry hole marker.

NOTE: See attached schematic for 2-7/8" tubing string identification.

**THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE M. Lee Roark TITLE Agent DATE 12/6/2005

Type or print name M. Lee Roark

E-mail address:

Telephone No. (432) 561-8600

For State Use Only

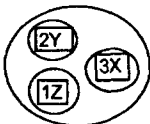
APPROVED BY: Chris Williams

TITLE DISTRICT SUPERVISOR/GENERAL MANAGER

Conditions of Approval (if any):

DATE DEC 14 2005

NORTH



CURRENT WELLBORE DIAGRAM

New Mexico "Q" State #4

LOCATION

State	New Mexico
County	Lea
Surface Location	500 FSL 760 FEL
	Sec 25 R:34E T:17S
Lot	

CASING DETAIL

Surface Csg.	
Size	16" (88) and 13-3/8" (287)
Wt.	65#
Set @	385'
Sxs cmt.	400sx class C
TOC	Surface
Hole Size	20"
Production Csg.	
Size	9-5/8"
Wt.	36#
Set @	4799'
Sxs Cmt.	1700sx class C
TOC	calc 67%
Hole Size	12-1/4"

TUBING DETAIL

Sxs Cement	2500sx
TOC	calc 65% est 6100'
Abo String	
Size	2-7/8"
Wt.	6.4# 8R
Set @	11468'
PBTD	11436'
Penn String	
Size	2-7/8"
Wt.	6.4# 8R
Set @	10176'
PBTD	10145'
Wolfcamp String	
Size	2-7/8"
Wt.	6.4# 18R
Set @	10150'
PBTD	10119'

WELL ID INFORMATION

Lease Name	New Mexico State "Q" #4
Field	Vacuum
Reservoir	Abo, Upper Penn, Wolfcamp
Ref #	FB3780
API #	30-025-20294

KB:

DF: 4003'

GL:

Spud Date: 8/21/1963

Compl. Date: 12/4/1963

set at 385'

5/05- Gray Wireline tag
X-Wolfcamp- tag 10,130
Y-Penn- tag 4220'
Z- Abo- tag 7938'

F:11

set at 4799'

TOC @ 6100'

PBTD: 10119'
TD: 10150'

PBTD: 10145'
TD: 10176'

PBTD: 11436'
TD: 11468'

Perforations

Abo: 8420, 24, 30, 39, 54, 58, 60
9148-49, 66-67, 88-89, 04-05, 22-23, 50-51

Wolfcamp: 9627, 30, 37, 40, 48, 50, 58, 59, 64, 9732, 34
9851-52, 60-61, 90-91, 10004-05

Penn: 10069-70, 84-85, 92-93, 10100-101, 106-107

Commingle: 10070-10080

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-20942
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1722-1
7. Lease Name or Unit Agreement Name: New Mexico N. State 6
8. Well No. VGW17-437 #6
9. Pool name or Wildcat Vacuum Glorieta West Unit

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Chevron Texaco Corporation

3. Address of Operator
P.O. Box 3109 Midland, Texas 79702

4. Well Location
Unit Letter L : 1980 feet from the South line and 460 feet from the West line
Section 30 Township 17S Range 35E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

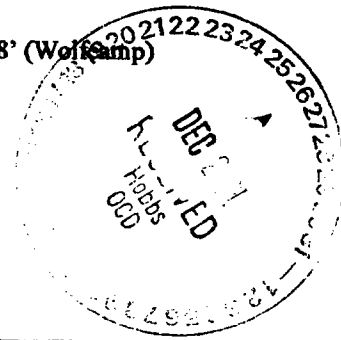
1. RIU on X-side set 2 7/8 CIBP @ 5975' (Glorieta) Fill 2 7/8 csg. w/150 sx. Plug 5975' to surf
2. RIU on Y-side Tag CIBP @ 6325' (ABO) Fill 2 7/8 csg. w/160 sx. plug 6325' to surf
3. RIU on Z-side Tag CIBP @ 6300' Fill 2 7/8 csg. w/80 sx. Plug 6300' to 3800' Tag @ 3818' (Wolfcamp)
4. Perf 6 holes @ 3800' sqz. w/75 sx. 3800' to 2800' (Queen) Tag @ 2767'
5. Perf 6 holes @ 2767' sqz. w/75 sx. 2767' to 1650' (B-Salt-Yates) Tag @ 1581'
6. Perf 6 holes @ 1581' sqz. w/130 sx. 1581' to surf (13 3/8 shoe T-Salt) Tag @ surf
7. Install dry hole marker 12/21/01

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jimmy Bagley TITLE MANAGER DATE 12/21/01

Type or print name Jimmy BAGLEY Telephone No. 915 683-4996
(This space for State use)

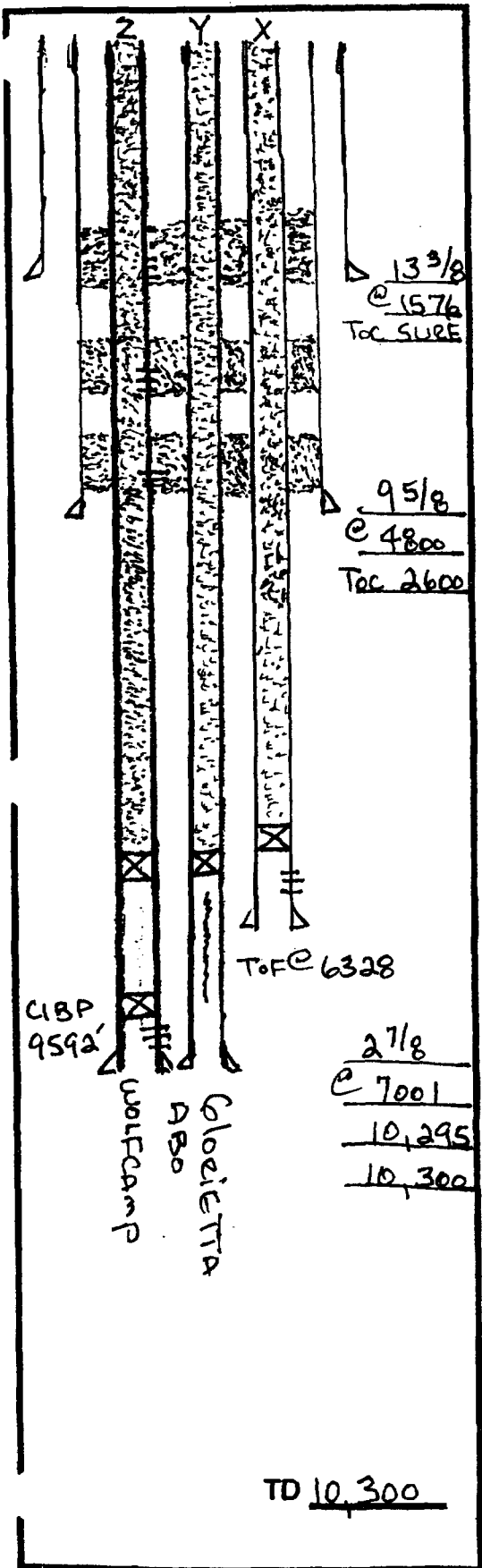
APPROVED BY Johnny Robinson TITLE COMPLIANCE OFFICER DATE 12/21/01
Conditions of approval, if any: GW



(1 STRING CSNG)

OPERATOR Texaco Exploration & Production
LEASENAME NEW MEXICO N STATE 6

SECT 30 TWN 175 RNG 35 E W
FROM 1980 N 480 E W L
TD: 10 300 FORMATION @ TD A B O
PBTD: 10 030 FORMATION @ PBTD G L O R E T T A



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8	1576	SURF	CIRC	
INTMED 1	9 5/8	4800	2600	CALC	
INTMED 2	2 7/8	7001	SURF	CIRC	
PROD	2 7/8	10,295	SURF	CIRC	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	2 7/8	10,300	SURF	CIRC	
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	6028 - 6255	
INTMED 2			OPENHOLE	-	
PROD					

*** REQUIRED PLUGS DISTRICT I**

RUSTLER (AMHYD)	
YATES	
QUEEN	
GRAYBLURO	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSSEY CANYON	
BONE SPRING	
GLOBIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVONIAN	

[illegible]

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-20945
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-155-1
7. Lease Name or Unit Agreement Name: New Mexico - 0 - State NCT - 1
8. Well No. 16
9. Pool name or Wildcat Vacuum Glorieta

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Texaco Exploration & Production, Inc.

3. Address of Operator
P. O. Box 3109, Midland Tx 79702

4. Well Location
Unit Letter H : 1980 feet from the South line and 990 feet from the East line
Section 36 Township 17S Range 34E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MI & RU Plugging Equipment. 5/7/01
2. Set 2 7/8 CIBP @ 5975' In Y String (Glorieta) 5/8/01.
3. Spot 65 sx Class C Cmt in Y String (Glorieta) @ 5975', Tag Toc @ 3300' 5/9/01
4. Spot 65 sx Class C Cmt in Z String (Blinebry) @ 5710', Tag Toc @ 3300, 5/9/01
5. Perf. @ 3290', 2900', Could not Pump Into Perfs, In Y String (Glorieta).
Spot 40 sx Class C Cmt @ 3300' Tag Toc @ 1750'. 5/11/01
6. Perf. @ 1600', Y String (Glorieta). Squeezed 130 sx Class C Cmt Tag Toc @ 1150'. 5/14/01
7. Spot 30 sx Class C Cmt @ 1150' To Surface 5/14/01
8. Spot 85 sx Class C Cmt @ 3300' - Surface In Z String (Blinebry) 5/14/01
9. Installed Dry Hole Marker. 5/15/01

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Johnny Robinson TITLE District Manager DATE 5/15/01

Type or print name Johnny Robinson Telephone No. 505-826-4000

(This space for State use)

APPROVED BY Johnny Robinson TITLE District Manager DATE 5/15/01
Conditions of approval, if any:

GWW

(1 STRING CSNG)

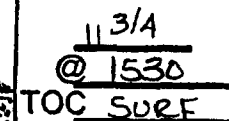
LEASENAME NEW MEXICO O NCT-1

WELL # 16

175 RNG 34 E

FORMATION @ TD 6767

FORMATION @ PBTD 6/06/ETA


$$\begin{array}{r} 85/8 \\ \hline @ 3300 \\ \hline \text{Loc } 300 \end{array}$$

BOTH STRINGS
PLUGGED TO
5800' 6197
27/8 CS45
© 6797-6800
Toc 3292

TD _____

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	11 3/4	1536	SUEF	CIEC	
INTMED 1	85/8	3300	2400	300 TS	
INTMED 2	2 7/8	6797	3292	CBL	
PROD	2 7/8	6800	3292	CBL	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1	3290		PERFS	5952 - 6131	
INTMED 2			OPENHOLE	-	
PROD	3290				

• **REQUIRED PLUGS DISTRICT 1**

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MOBROW	
MISS	
DEVONIAN	

[illegible]

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-20947
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-1056-1
7. Lease Name or Unit Agreement Name NEW MEXICO "Q" STATE	
8. Well No.	6
9. Pool name or Wildcat	VACUUM GLORIETA / BLINEBRY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3990 (GR)	

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator TEXACO E&P INC.
3. Address of Operator P O BOX 3109 MIDLAND TEXAS 79701	8. Well No. 6
4. Well Location Unit Letter P : 460 Feet From The SOUTH Line and 989 Feet From The EAST Line Section 25 Township 17S Range 34E NMPM LEA County	9. Pool name or Wildcat VACUUM GLORIETA / BLINEBRY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3990 (GR)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☒
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1) Notify NMOCD of intent to plug well
2) 12-7-95 RIH W/guage ring on W/L tag at 6005' in Y well. Tag at 4340' in X well found it had trash in hole from 4340' to 6040'. RIH in Y well to 5800 test csg. to 1000 PSI. Pumped 60 down Y well & Y well & X well both went on vac. Pumped 20 bbls. down X well & X well & Y well both went on vac. Talked with Jerry Sexton & Buddy state man. Cleared to pump 110 sks. down X well & disp. to top of fish at 4340 ft. & test in A / M of 12-8-95
12-7-95 Mix & pump 110 sks. cmt. down X well disp. to 4340 ft. W.O.C.
12-8-95 Test Y side & tested good. Test X side & tested good. Think well is leaking shut down.
12-11-95 RIH on Y side to 5800 ft. Mix mud & circ. hole with mud. POOH to 4370 ft. spot 10 sks. cmt. 4370 ft. to 4070 ft. POOH to 3735 ft. Spot 10 sks. cmt. 3735 ft. to 3475 ft. POOH on Y side N/D BOP N/U BOP on X side. RIH to 4340 circulate hole with mud, mix & pump 10 SX class C. Plug 4340 POOH w/ 40 stand tag. 12-12-95 Tag and tested 3651. Tested 1000 PSI.
12-12-95 Mix & pump 10XS plug 3651-3351 POOH HD 2 1/16 Tubing. 12-12-95 Mix & pump 18 SX class C cement. 3651-2900 P/Y hole 2900 Reverse out. (SEE BACK)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE P/A Supervisor DATE 12-20-95
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE COMPLIANCE OFFICER DATE 12-20-95
CONDITIONS OF APPROVAL, IF ANY:

105

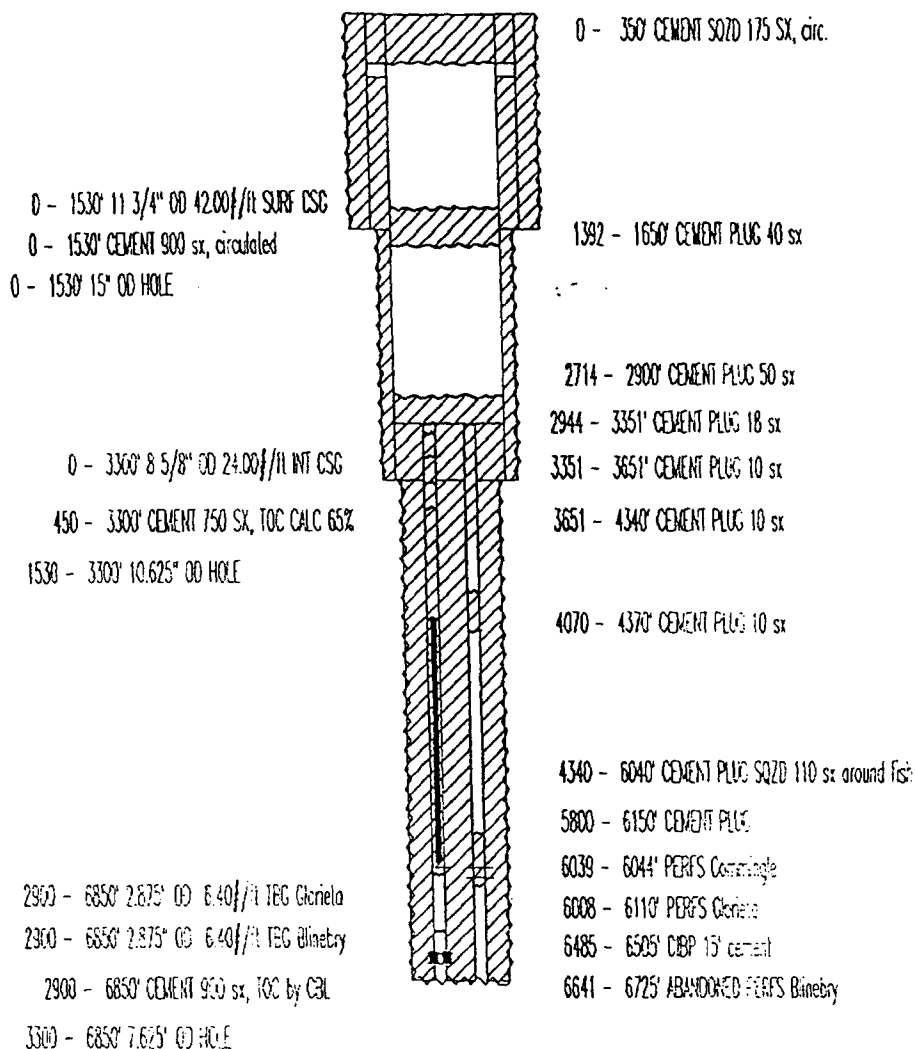
dp

12-13-95 Tag cement IN X well 2944 cut Y side 2900. Check to make sure Y side CSG was free. Cut X side 2900 check to make sure X side was free. L/D Y side 2 7/8 CSG. Mix 25 SX mud pumped 190 BBLS mud. Tested 8 5/8 casing 1000 PSI held good. Mix & pump 50 SX cement. 2900-2714 POOH to 1650. Mix & pump 40 SX cement. 1650-1392 POOH 54J+ shut down.

12-14-95 Perff A+ 350 make sure well would circulate down 8 5/8 out 11 3/4 to surface. Mix & pump 175 SX cement circulate cement to surface. Rig down. Moved off well. Plugged. Cut off W/H & cap & install dry hole marker.

P&A: 12-14-95

TEXACO E&P INC.
NM "Q" State NCT-1 No. 6
API# 30-025-20947



460 FSL & 989 FEL
SEC 25, T4N 17S, RANGE 34E
ELEVATION: 3690' GR
COMPLETION DATE: 3-10-64
COMPLETION INTERVAL: 6008' - 6110' (Clorinda)
6641' - 6725' (Binebry)

147 386
Received
HODGS
CO.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-20949
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1056-1
7. Lease Name or Unit Agreement Name NEW MEXICO "Q" STATE
8. Well No. 8
9. Pool name or Wildcat VACUUM GLORIETA

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco Exploration and Production Inc.	
3. Address of Operator P. O. Box 730 Hobbs, NM 88240	
4. Well Location Unit Letter <u>J</u> : <u>1800</u> Feet From The <u>SOUTH</u> Line and <u>2100</u> Feet From The <u>EAST</u> Line Section <u>25</u> Township <u>17-S</u> Range <u>34-E</u> NMPM LEA	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4009' KB	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
CHANGE PLANS ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. NOTIFIED NMOCD. MIRU ON GLORIETA STRING, TOH W/ RODS & PMP, INSTALLED BOP, TOH W/ TBG. TIH W/ KUT RITE SHOE TO 6527'. STARTING DATE 7/27/93

2. RU ON BLINEBRY STRING, ATTEMPTED TO FISH STUCK RBP @ 4015' WITHOUT SUCCESS. DRILLED OUT TO 4016', FISHED AGAIN AND RECD RBP. CLEANED OUT TO 6595'.

3. IN GLORIETA STRING SET CIBP @ 6530' & CAPPED W/ 35' CMT.

4. IN BLINEBRY STRING, CAPPED CIBP @ 6530' W/ 35' CMT.

5. ESTD CIRC, PUMPED CMT TO SURF IN BOTH STRINGS.

6. CUT OFF WELLHEAD & ANCHORS, INSTALLED DRY HOLE MARKER, CLEANED LOCATION. COMPLETION DATE 10/26/93.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Monte C. Duncan TITLE ENGINEER'S ASSISTANT DATE 11-8-93

TYPE OR PRINT NAME MONTE C. DUNCAN TELEPHONE NO. 393-7191

(This space for State Use)

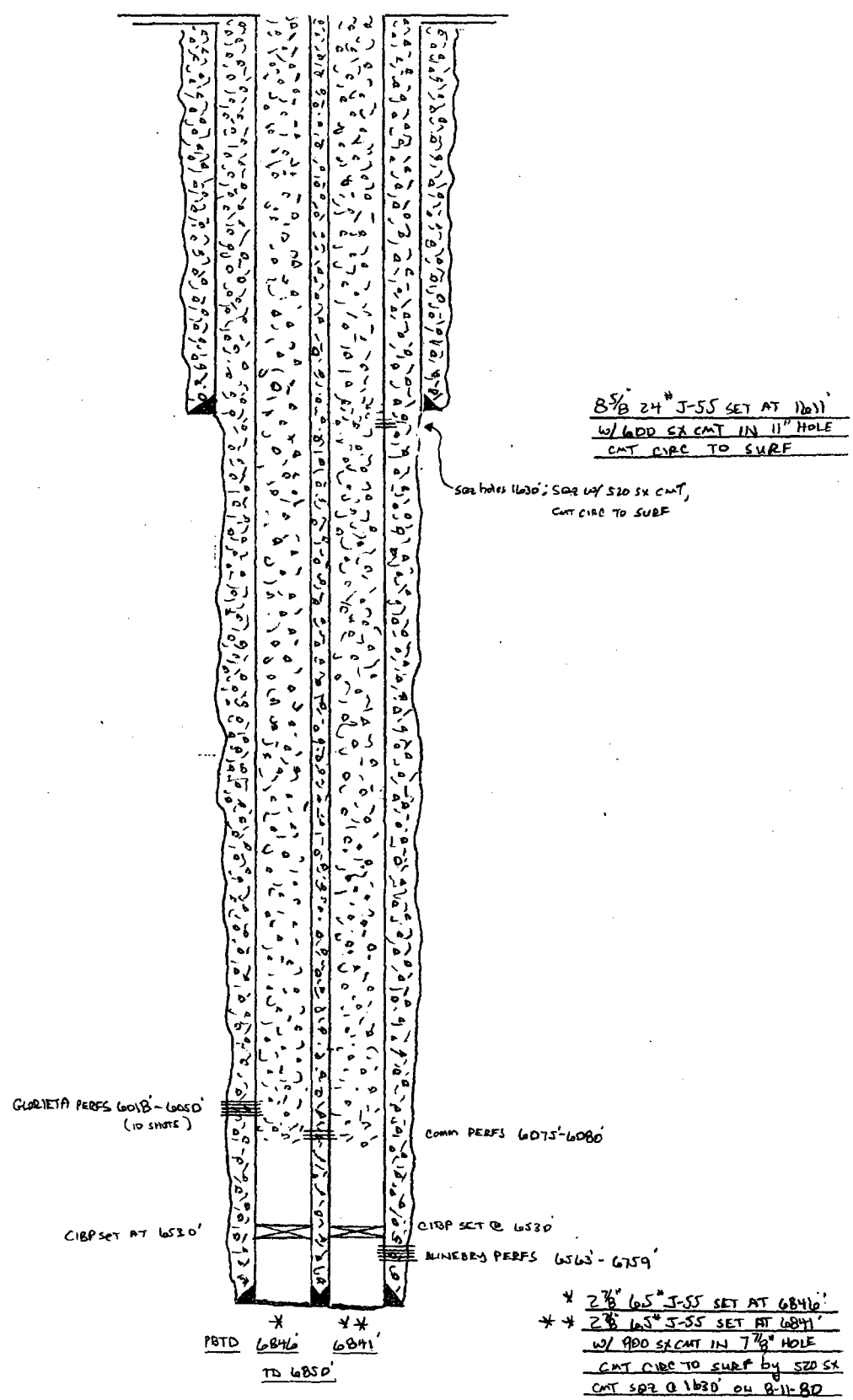
APPROVED BY Carmy W. Hill TITLE OIL & GAS INSPECTOR DATE JAN 26 1994

CONDITIONS OF APPROVAL, IF ANY:

5117

NEW MEXICO Q STATE NO. 8
SEC 25, T17S, R34E
LTR J, 1800 FSL & 2100 FEL

4009' KB



DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-21061
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. R-1565
7. Lease Name or Unit Agreement Name STATE BA
8. Well No. 9
9. Pool name or Wildcat Vacuum Glorieta/Blinbry
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator Texaco E&P Inc.
3. Address of Operator P.O. Box 730; Hobbs, New Mexico 88240

4. Well Location Unit Letter B : 660 Feet From The North Line and 2310 Feet From The East Line Section 36 Township 17S Range 34E NMPM Lea County
--

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☒
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 12/15: RIH GAUGE RING & CICR SET 2 7/8" CICR @ 5980' HEAD TROUBLE W/ GAUGE RING @ 4480' PIPE ON CCL LOOK BAD FROM 4200' TO 4650'
- 12/18: STING INTO 2 7/8" CICR @ 5980' TRY TO GET A RATE ON "X" WELL WENT ON A HARD VAC STING OUT TRY TO LOAD 2 7/8" CSG GO ON A HARD VAC TALKED W/ PAUL KAUTZ OK TO SET PKR @ 4100' TEST 2 7/8" CSG TO 4100 IF TEST WAS GOOD PUMP 110 SX CLASS C CMT TESTED GOOD PUMP 110 SX CLASS C CMT DISPL TO 4200' SHUT DOWN TEST
- 12/19: TEST WAS NOT GOOD PUMP BBL MIN 1600 PSI. TALK W/ BUDDY AND JERRY SAID TO PUMP 45 MORE SX WOC TEST & TAG. TEST @ 4:00 PM TESTED 1500 PSI 30 MIN HELD GOOD RIH W 5 JTS L/D 5 JTS. POOH RIH W MUD ANCHOR & TAG 4338' SHUT DOWN
- 12/20: MIX MUD CIRC HOLE W MUD MIX & PUMP 10 SX CLASS C CMT 4338-4008 PUH TO 3716 MIX PUMP 10 SX CLASS C PLUG 3716-3416 PUH TO 2830 MIX & PUMP 10 SX CLASS C PLUG 2830-2530 POOH ON "X" SIDE GO IN HOLE ON "Y" SIDE TAG UP @ "Y" SIDE OF WELL RIH W 2 1/16" TBG TAG CMT 3464' OK W Buddy, State Man TO JUST FILL UP FROM TAG TO 2530' MIX & PUMP 25 SX CLASS C CMT FROM 3464-2530 POOH L/D 2 1/16"
- 12/21: TAG CMT ON "Y" WELL CUT 2 7/8" CSG @ 1710' TAG CMT IN "X" WELL 2466. CUT 2 7/8" CSG @ 1710 MIX & PUMP 100 SX CLASS C CMT @ 1710' WELL PRESS UP CHARGE FORMATION UP FLOW BACK ALL CMT CALLED STATE TALKED W PAUL K. OK TO PUMP ANOTHER 100 SX CMT MIX & PUMP 100 SX CUT 1710' POOH SHUT DOWN
- 12/22: DIDN'T TAG ANY THING MIX & PUMP 100 SX CLASS C CMT 1710 POOH SHUT DOWN. TAG 12-27 @ 1341. LAY DOWN TBG TO 400' MIX & PUMP 45 SX CLASS C CMT FROM 400' TO 300' LAY DOWN TBG TO 100' CIRC CMT TO SURF. LAY DOWN TBG WELL IS PLUGGED 12/27/95.
- 12/27: NIPPLE DOWN BOP CUT OFF WELLHEAD AND CAP WELL, INSTALL DRY HOLE MARKER. CLEAN OFF LOCATION AND MOVE OFF

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Lucy L. Leonard TITLE P&A Supervisor DATE 11/17/96

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

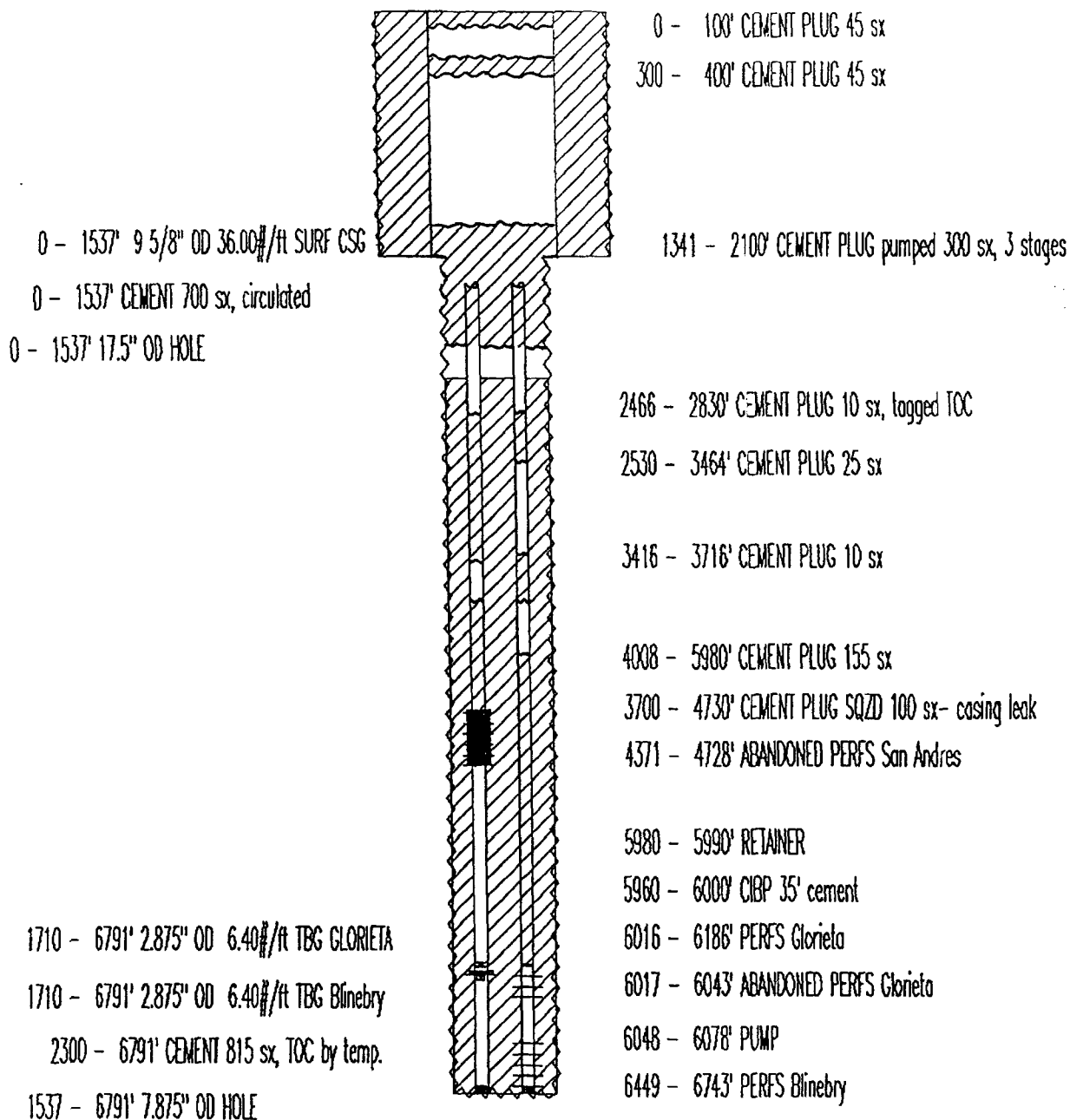
(THIS SPACE FOR RULE 1103)

APPROVED BY Johnny Robinson TITLE _____ DATE _____

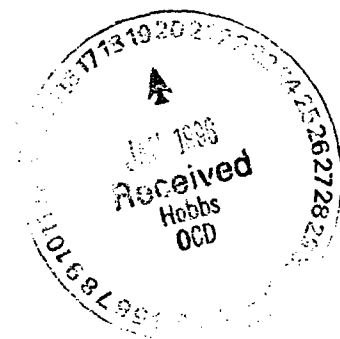
CONDITIONS OF APPROVAL, IF ANY:

P&A: 12-27-95

TEXACO E&P INC.
State "BA" No. 9
API# 30-025-21061



660 FNL & 2310 FEL
SEC 36, TWN 17S, RANGE 34E
ELEVATION: 4006' OF
COMPLETION DATE: 1-03-65
COMPLETION INTERVAL: 6016' - 6186' (Glorieta)
6449' - 6743' (Blinebry)



DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

100C Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-25697
5. Indicate Type of Lease	STATE ☒ FEE
6. State Oil / Gas Lease No.	B - 155
7. Lease Name or Unit Agreement Name	CENTRAL VACUUM UNIT
8. Well No.	72
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.

1. Type of Well:	OIL WELL ☐ GAS WELL ☐ OTHER INJECTION ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter G 2630 Feet From The NORTH Line and 1330 Feet From The EAST Line Section 36 Township 17S Range 34E NMPM LEA COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3991' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐ Add, Acidize, P&A ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8-21-00: MIRU. SET BLOW DN TANK. LAY LINE. PUMP 300 BBLS BRINE.
8-22-00: FLOW 200 BW. PUMP 500 BBLS 10# BRINE.
8-23-00: PUMP 600 BBLS BRINE.
8-24-00: INSTL LUB. TIH ON SLICK LINE SET 1.43" PLUG @ 4246'. PSI TEST TO 1000 PSI-OK. NDWH. NUBOP. CIRC W/10# BRINE. TIH W/RBP, PKR TO 1509'.
8-25-00: TIH W/RBP & PKR. SET RBP @ 4125'. TEST TO 1000 PSI-OK. SET PKR TEST 2262-4125. LEAK BETWEEN SURF-2262'.
8-28-00: RAN CBL LOG 4110-SURF.
8-29-00: RAN PIPE ANALYSIS LOG 4110-SURF. TIH & ISOLATE LEAK 325-639. TEST CSG FR 639-4125 TO 1000 PSI-OK. TEST CSG 325-SURF TO 1000 PSI-OK.
8-30-00: REL PKR. DROP SAND ON RBP @ 4125'. CMT LEAK 325-639 W/200 SX CL C CMT & 200 SX C CMT NEAT.
9-01-00: TIH W/ABIT, DC'S, TBG. TAG @ 141'. DRILL CMT TO 319'.
9-05-00: DRILL CMT 319-430. TIH TO 668'. ATTEMPT TO TEST. WOULD NOT TEST.
9-06-00: CMT W/50 SX RIGHT ANGLE SET CMT & 200 SX CL C W/2% CC.
9-07-00: TIH W/BIT & TAG @ 10'. DRILL CMT TO 319. TIH W/BIT, DC'S & TBG TO 280'.
9-08-00: DRILL CMT 319-440. TIH TO 558'.
9-11-00: CMT W/200 SX CMT & 400 SX CL C W/2% CC.
9-12-00: TIH W/BIT, DC'S, & TBG. TAG @ 121'. DRILL CMT 121-440'. TIH TO 560' W/BIT.
9-13-00: CMT W/200 SX RIGHT ANGLE SET CMT. WASH UP & DISPL W/2 BBL. SQZ TO 1200 PSI.
9-14-00: TIH W/BIT, DC'S. DRILL CMT 64-309. TIH W/BIT & DC'S TO 278'.
9-15-00: DRILL CMT 309-520. TIH TO 590'.
9-18-00: CMT W/200 SX CMT
9-19-00: TIH W/BIT. DRILL CMT 12-460. TIH TO 520'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE J. Denise Leake TITLE Engineering Assistant

DATE 11/1/00

TYPE OR PRINT NAME J. Denise Leake

Telephone No. 397-0405

(This space for State Use)

APPROVED Johnny Robinson
BY JOHNNY ROBINSON TITLE

DATE

DeSola/Nichols 12-93 ver 1.0

EG
GWW

9-20-00: CMT W/100 SX RIGHT ANGLE CMT. SQZ TO 1150 PSI.
9-21-00: TIH W/ABIT. EST CIRC. DRILL CMT 143-498. TIH TO 565'.
9-22-00: TIH W/TBG OPEN ENDED TO 695'. SPOT 100 SX SQZCRETE 695-150.
9-25-00: TIH W/BIT, DC'S TBG. TAG @ 110'. DRILL CMT 110-443'.
9-26-00: PSI TEST TO 550. LEAK OFF 200 PSI IN 15 MIN. TIH W/ATBG.
9-27-00: SQZ W/7 BBLs SQZCRETE. SPOT FR 440-SURF. DISPL W/1.4 BBLs TO 90'.
9-28-00: TIH W/BIT. TAG @ 58'. DRILL CMT 58-252'.
9-29-00: DRILL CMT 252-611'.
10-02-00: DRILL CMT 611-783. TIH TO 850'. ATTEMPT TO TEST TO 500 PSI. LOST 200 PSI IN 3 MIN. TIH W/PKR TO 960'. ATTEMPT TO TEST DN TBG. LEAK OFF 60 PSI. ATTEMPT TO TEST 960-SURF. LEAK OFF 200 PSI IN 3 MINS.
10-03-00: TEST CSG FROM RBP @ 4125-638'-OK. LEAK FR 638-325. PSI 500. LEAK OFF 200 PSI IN 2 MINS. RECOMMEND P&A WELL.
10-04-00: REL PKR. TIH W/RET TOOL. TAG @ 3975'. WASH 3975-4125. FISH RBP @ 4125'. TIH W/TBG.
10-05-00: TIH W/RET TOOL. TAG @ 4248'. WASH TO 4253'. REC FORMATION.
10-06-00: TIH W/RET TOOL TO 4248'. WASH TO 4253'. REC FORMATION.
10-09-00: TIH W/RET TOOL. EST CIRC. WASH 4249-53. LATCH ONTO PKR. FSH PROFILE PLUG. EST RATE 3 BPM @ 700 PSI.
10-10-00: CMT W/100 SX CL C NEAT. SQZ TO 3000 PSI. 30 SX IN FORMATION. LEFT 70 SX IN CSG. REL ON/OFF TOOL. TIH W/PKR TO 700'. SET PKR. PSI TO 1000 PSI.
10-11-00: REL PKR. TIH W/TBG OPEN ENDED TO 3905'. TAG CMT. DISPL 4 1/2" CSG W/10# BRINE GEL MUD. PULL TBG TO 2752'. SPOT 25 SX CL C NEAT CMT 2752-2377. PULL TBG TO 1658'. SPOT 25 SX CL C NEAT CMT 1658-1283. TIH W/CIBP & SET @ 656'. SPOT 50 SX CMT 656-SURF.
10-12-00: NDBOP. CSG FULL OF CMT. RIG DOWN. CUT OFF WELLHEAD. INSTL P&A MARKER. WELL IS PLUGGED AND ABANDONED.
FINAL REPORT

CVU 72

Created: 9/1/2006 By: TKMO
 Updated: _____ By: _____
 Lease: Central Vacuum Unit
 Surface Locat: 2630' FNL & 1330' FWL
 Bottomhole L: Same
 County: Lea St: NM
 Current Status: P&A'd Injector
 Directions to: Buckeye, New Mexico

Well No.: 72 Field: Central Vacuum Unit
 Unit Ltr: G Sec: 36 TSHP/Range: 17S-34E
 Unit Ltr: _____ Sec: _____ TSHP/Range: _____
 St Lease: API: 30-025-25697 Cost Center: _____
 Elevation: 3993' GR TEPI: UCT493000
 MVP: BCT494500

Surface Csg.

Size: 8 5/8" inches
 Wt.: 24
 Set @: 350 ft
 Sxs cmt: 350

Circ: Yes
 TOC: Surface
 Hole Size: 11" inches

Production Casing

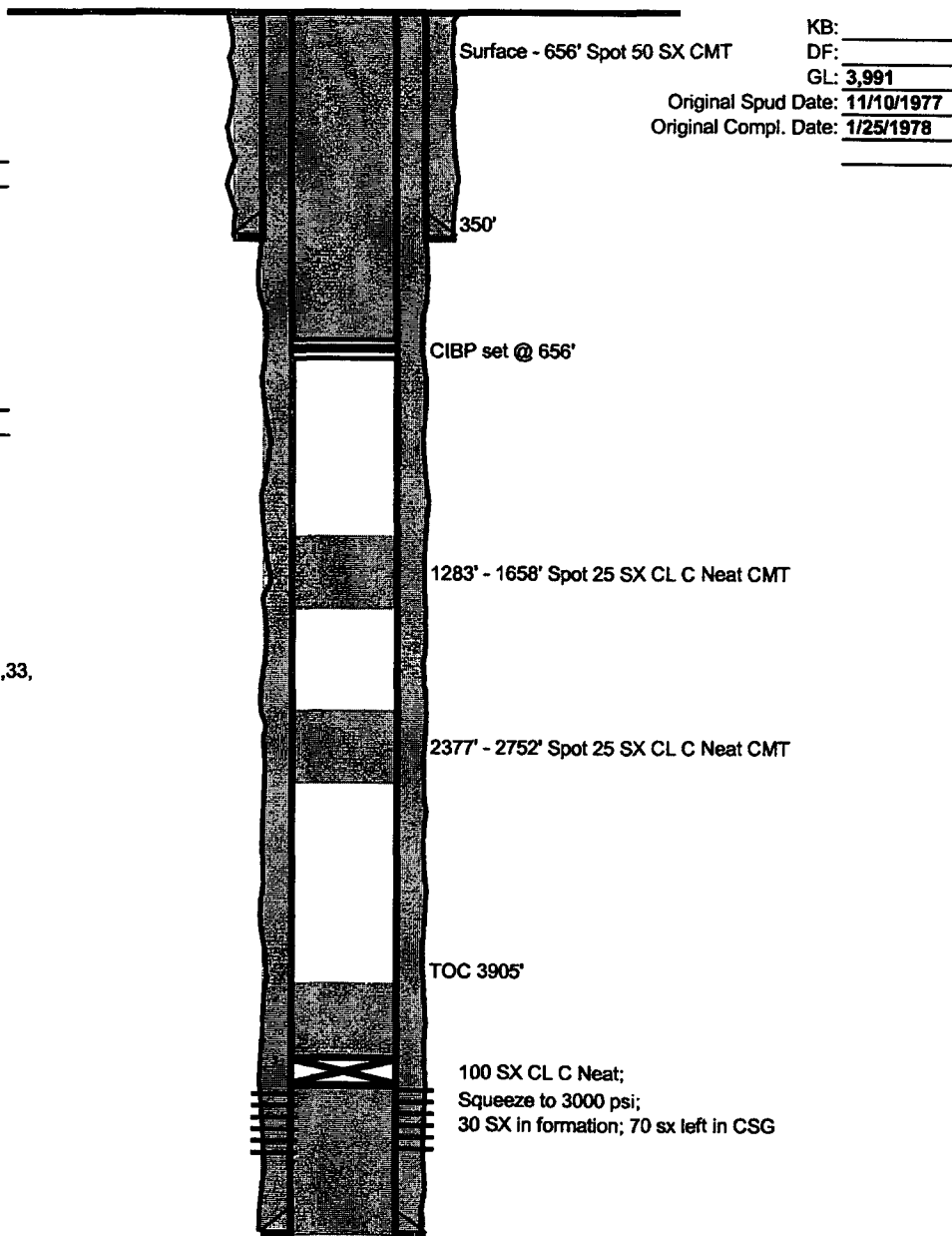
Size: 4 1/2 inches
 Wt.: 10.5
 Set @: 4,812 ft
 Sxs Cmt: 2300

Circ: Yes
 TOC: Surface
 Hole Size: 7-7/8" inches

TD: 4,812

Perforations:

Grayburg San And: 1/25/78 (Initial) 4373' - 4663'
 4373,84,4406,26,50,67,82,4502,14,33,
 45,60,76,86,4603,31,43,53,63



TD: 4,812
 PBTD: 4,718

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-25704
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1565
7. Lease Name or Unit Agreement Name: Central Vacuum Unit
8. Well No. 41
9. Pool name or Wildcat Vacuum Grayburg/SA

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☐ Other ☐ Injector ☐

2. Name of Operator
Texaco Exploration & Production, Inc.

3. Address of Operator
P. O. Box 3109, Midland, TX 79702

4. Well Location
Unit Letter C : 60 feet from the North line and 2552 feet from the West line
Section 36 Township 17S Range 34E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

1. MI & RU Plugging Equipment. 5/1/01
2. Tag Toc @ 4265'. Circ. MLF To Surface, Spot 25 sx Class C Cmt @ 4265'. Tag Toc @ 3960'. 5/2/01
3. Spot 25 sx Class C Cmt @ 3500'. Tag Toc @ 3151'. 5/3/01
4. Spot 25 sx Class C Cmt @ 2900'. Tag Toc @ 2515'. 5/3/01
5. Spot 25 sx Class C Cmt @ 1300'. Tag Toc @ 907'. 5/4/01
6. Circ 40 sx Class C Cmt @ 500' to Surface. 5/4/01
7. Installed Dry Hole Marker 5/7/01

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jimmy Bagley TITLE MANAGER DATE 5-7-01

Type or print name JIMMY BAGLEY Telephone No. 915 683-4996
(This space for State use)

APPROVED BY Johnny Holman TITLE _____ DATE _____
Conditions of approval, if any:

GWW

(2 STRING CSNG)

OPERATOR TEXACO EXPLORATION & PRODUCTION

LEASENAME CENTRAL VACUUM UNIT

WELL # 41

SECT 36 TWN

17-5 RNG 34-E

FROM 60 (N) S L

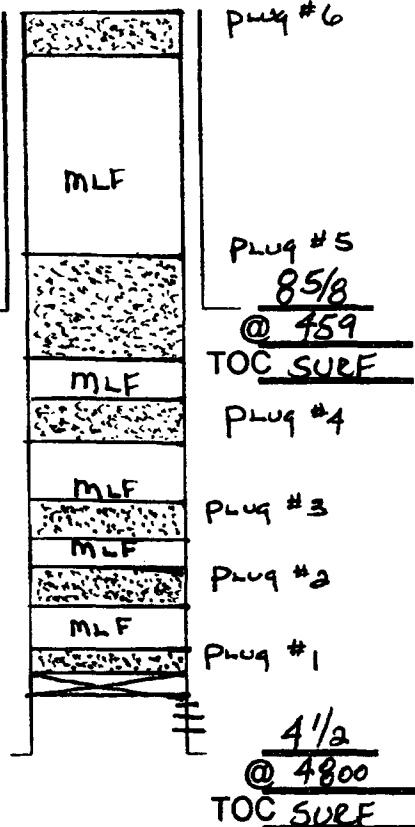
~~2553~~ ENL

TD:

FORMATION @ TD SAN ANGELES

PBTD: [REDACTED]

FORMATION @ PBTD



TD 4800

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	85/B	359	SURF	CIRC	
INTMED 1					
INTMED 2					
PROD	4 1/2	4800	SURF	CIRC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	-	
PROD					

***REQUIRED PLUGS DISTRICT 1**

RUSTLER (ANHYD)	
YATES	
QUEEN	
ORAYBURG	
SAN ANDRES	
CAPTIAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORETA	
BLINEBKY	
TUBS	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOEA	
MORROW	
MES	
DEVONIAN	

PLUG	TYPE PLUG	SACKS CMNT	DEPTH
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG # 2	SHOE	50 SXS	5350'-5450'
PLUG # 3	CIBP/35'		4800'
PLUG #3	CIBP	25 SXS	4800'
PLUG # 4	STUB	50 SXS	3600'-3700'
PLUG # 5	RETNR SQZ	200 SXS	400'
PLUG # 6	SURF	10 SXS	0-10'
PLUG #1	CIBP	25 SX	4280-4100
PLUG # 2	QUEEN	25 SX	3500-3260
PLUG # 3	YATES	25 SX	2900-2600
PLUG # 4	T-SALT	25 SX	1300-1000
PLUG # 5	B5/S	25 SX	500-200
PLUG # 6	SURF	10 SX	10 -SURF
PLUG # 7			
PLUG # 8			
PLUG # 9			
PLUG # 10			
PLUG #			
PLUG #			

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-25705
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	857943
7. Lease Name or Unit Agreement Name	CENTRAL VACUUM UNIT
8. Well No.	42
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3993' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.

1. Type of Well:	OIL WELL ☐ GAS WELL ☐ OTHER INJECTOR ☐
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH RD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>A</u> : <u>32</u> Feet From The <u>NORTH</u> Line and <u>1286</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>LEA</u> COUNTY

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☒ CASING TEST AND CEMENT JOB ☐ OTHER: ☐ PLUG & ABANDON ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-17-06: MIRU. 4-18-06: REL PKR.. PU PKR & PLUG & TIH. TAG @ 1182. TIH W/RBP. TAG @ 1182. TIH TO 4278. SET RBP. 4-19-06: TIH W/BIT & SET DN @ 1182. ROTATE THRU SPOT. RAN TO 1368. TIH W/PKR & SET @ 1291. PRESS TEST CSG TO 630 PSI HELD FR 1291 TO 4278. REL PKR. PULL BACK UP & SET @ 1165. TIH TO 2552. DUMP 2 SX SAND. TIH W/BIT TO 1182. MILL OUT BAD SPOT IN CSG @ 1182.4-20-06: TIH OPEN ENDED W/WS TO 1195. HOLE @ 1182. MIX & SPOT 50 SX CL .3% D167, .2% D65, .2% D46, 14.8 PPG. SQZ 5 BBLS SLURRY IN @ 1131 PSI. PRESS FELL TO 508 PSI. 4-21-06: TIH W/BIT & TAG TOC @ 757. DRILL SOFT CMT 757-1083. WOC. 4-24-06: DRILL 1083-1150 & FELL OUT. TAG UP @ 1175. DRILL CMT 1175-1210 & FELL OUT. TIH W/2 3/8" TBG TO 1152. 4-25-06: TIH W/TBG TO 1221. SPOT 12 BBLS CMT DN TBG. 4-26-06: TIH W/BIT TO TAG CMT @ 717. DRILL 717-1083. TIH W/PKR TO 42' FROM SURF. MOVE PKR TO 492. MOVE PKR TO 812. DISPL W/FW. 4-27-06: PKR @ 812. TIH W/PKR TO 1078. CMT @ 1083. PUH W/PKR TO 492. PU RBP TO SET @ 1078. LATCH OFF RBP. TIH W/NEW PKR TO 1068 & SET. WORK PKR UP FR 1068-524. ISOLATE HOLES IN CSG FR 524-492. TIH W/RETR HEAD. LATCH ONTO RBP @ 1078. TIH W/PKR TO 1068 TO TEST TOC @ 1083. 4-28-06: TIH W/BAIT TO 1083 TOC. DRILL 1083-1195. TIH TO 1275. TIH W/RETR HEAD & TBG. TAG BAD SPOT IN CSG @ 1182. WORK THRU. TAG @ 1414. WORK THRU @ 1900. C/O TO 2022. TIH W/RETR HEAD TO 4231. 5-01-06: LOWER RETR HEAD & TAG BAD SPOT IN CSG @ 1182. TIH W/BIT & TAG @ 1182. MILL OUT BAD CSG @ 1182. TIH W/BIT & TAG FILL @ 4243. C/O FILL TO 4275. TIH W/BIT TO 480. 5-02-06: TIH W/BIT TO TAG BAD CSG @ 1182. MILL BAD CSG @ 1182. TIH W/BIT & TAG @ 1176. C/O FILL TO 1182'. WORK BIT THRU & C/O TO 1190. TIH TO 1222. 5-03-06: LOWER BIT TO 1182. ROTATE W/TONGS & FELL THRU TO 1332. 5-05-06: SPOT 50 SX CMT IN 4 1/2" CSG. EOT @ 1221. PMP 2 BFW EST CIRC, 12 BBLS 50 SX CL C CMT W/2% CACL. TIH W/BULL PLUG. BTM OF TBG TO 761. TAG CMT. 5-08-06: DRILL CMT @ 584-862. DRILL 862-1133. FELL OUT OF CMT. TIH TO 1182. TAG BAD SPOT ON CSG & WORK THRU. DRILL 1183-1210. 5-09-06: TIH W/BIT TO 1210. DRILL 1210-1229. FELL THRU. TAG UP @ 1320. C/O TO 1336. TIH W/TBG & TAG @ 1727. CONTINUE IN HOLE. TAG UP @ 3575. C/O FILL TO 3800. TIH TO RBP @ 4278. 5-10-06: TIH W/BIT TO 4278. NO FILL. 5-11-06: WOC. 5-12-06: TIH W/BIT & TBG TO 4278'. NO FILL. TIH OPEN ENDED TO 451', 14 JTS 2 3/8" TBG. 5-15-06: TIH W/TBG TO 4278. 1ST PLUG-DISPL W/62 BBLS MUD, 75 SX CL C NEAT CMT. 5-16-06: TIH W/101 JTS TBG TO TAG TOC @ 3217. 1ST PLUG FR 4278-3217. PMP 2ND PLUG: EOT @ 1188. PMP 30 SX CL C NEAT CMT. WOC. TIH W/TBG TO TAG TOC @ 1470. 2ND PLUG FR 1188-1470. TIH W/PKR TO 1098 & SET PKR. PMP 35 SX 1250. TOC @ 720. TIH OPEN ENDED TO 1250. 3RD PLUG-PUMP 5 BBLS, 35 SX CL C NEAT CMT. TOC @ 720. 5-17-06: TIH W/TBG TO TAG CMT @ 733. 4TH PLUG SPOT CMT 733-SURFACE. PMP 1 BBL FW, & 67 SX CL C NEAT. CIRC OUT 17 SX CMT TO REV PIT. RIG DOWN. FINAL

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 5/22/2006
TYPE OR PRINT NAME Denise Pinkerton Telephone No. 432-687-7375

(This space for State Use)

APPROVED Larry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER
CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

MAY 30 2006
DeSoto/Nichols 12-93 ver 1.0

CVU 42

Created: 5/10/2005 *
 Updated: _____
 Lease: Central Vacuum Unit
 Surface Locat: 32' FNL & 1286' FEL
 Bottomhole Lt: Same
 County: Lea St: NM
 Current Status: Active Injector
 Directions to: Buckeye, New Mexico

By: MAB
 By: _____

Well No.: 42
 Unit Ltr: _____
 Unit Ltr: _____
 St Lease: _____
 Elevation: 3993' GR

Field: Central Vacuum Unit
 Sec: 36 TSHP/Range: 17S-35E
 Sec: TSHP/Range: _____
 API: 30-025-25705

Cost Center: _____
 TEPI: UCT493000
 MVP: BCT494500

Surface Csg.

Size: 9 5/8" Inches
 Wt.: 40
 Set @: 365 ft
 Sxs cmt: 400

Circ: Yes
 TOC: Surface
 Hole Size: 12-1/4" Inches

Production Casing

Size: 4 1/2" inches
 Wt.: 10.5
 Set @: 4,800 ft
 Sxs Cmt: 2200

Circ: Yes
 TOC: 0
 Hole Size: 7-7/8" Inches

TD: 4,800

Perforations:

Grayburg San And 2/10/78 (initial) 4364' - 4700'
 4364, 74, 86, 4400, 4410, 43, 53, 4508, 30, 58, 67, 84,
 4600, 23, 38, 46, 54, 70, 80, 90, 4700

Perforation detail:

2/10/78 Initial Completion: 4364' - 4700' (2 SEP) - 4364', 74,
 86, 4400', 4410', 43, 53, 4508', 30, 58, 67, 84, 4600', 23, 38, 46, 54, 70,
 80, 90, 4700'. Total of 21 (42 holes). Acid w/ 6300 gals 15% NE.

ZONES

GB Marker	4,137		
GB Dol Top	4,237	31	-
GB Dol Bot	4,268		
San Andres	4,285	195	-
LSA	4,480	213	-
O/W	4,693	84	-
PBTD	4,777		

TOTAL 523 =

Gross / Net Ratio 0.0%

Middle of Perfor 4,587

Queen ~ 3670'

Yates ~ 2970'

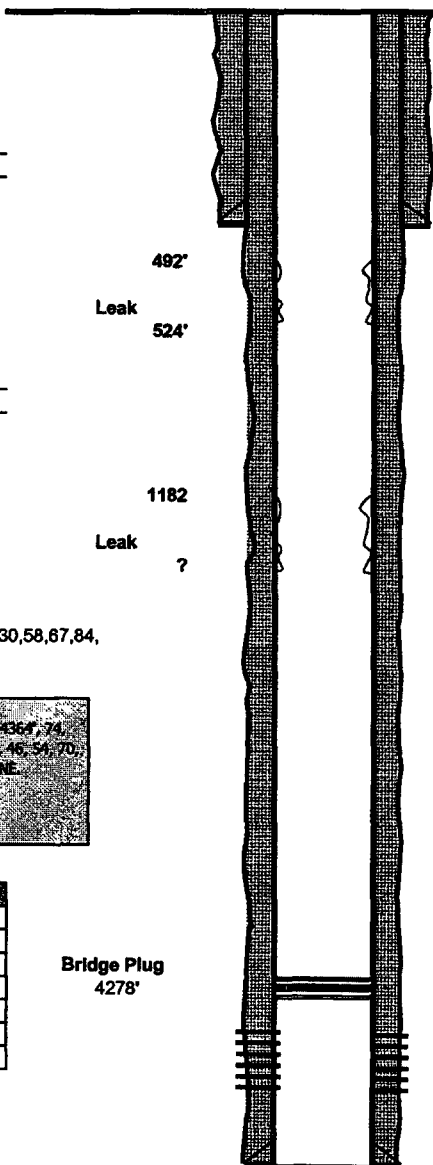
7 Rivers ~ 2965'

Salt ~ 1300' - 2492'

Red Bed ~ 0 - 1300'

Perforations:

Date _____
 Interval: 2/10/78 (initial) 4364' - 4700'
 Interval Inren 1.00



KB: 4,003

DF: _____

GL: 3,993

Original Spud Date: _____

Original Compl. Date: 2/10/1978

Kelly Bushing: 10

Brief Workover History:

4/9/1986: Remedial Work: C/O to 4765'. Acid w/ 10000 gals.

9/27/90 - 10/3/1990: Stimulation: c/o to 4777'. Acid: 9400gls 15% HCL, 4900# RS & 43 BS's run 2-3/8 IPC & AD-1 to 4284'

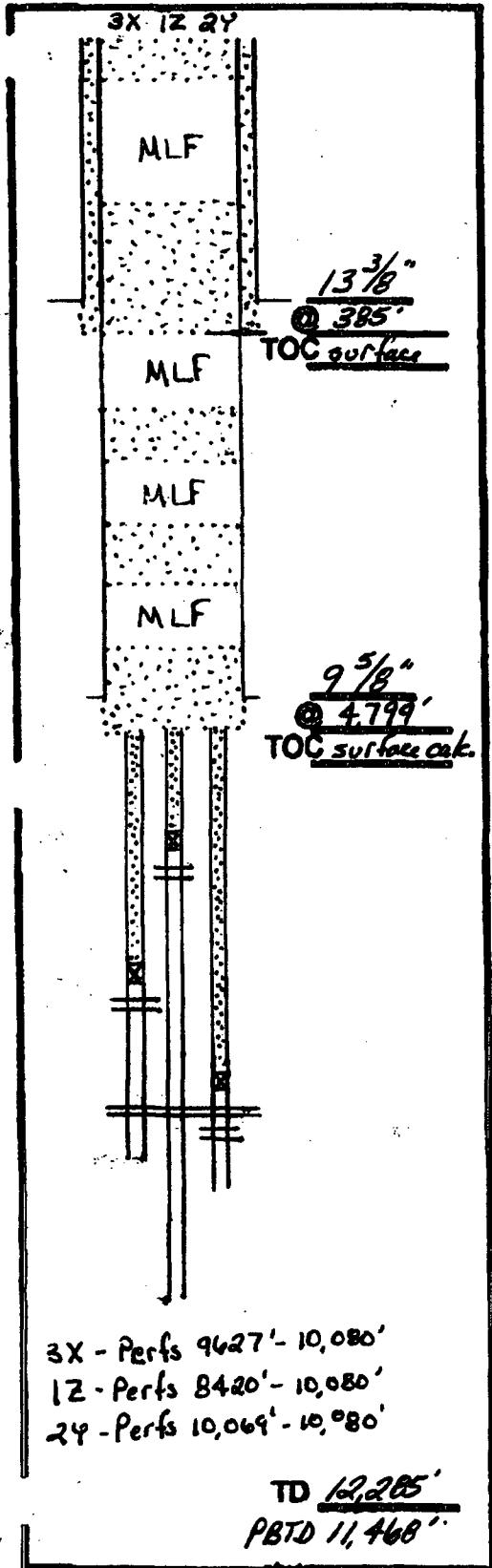
1/22/1997: Pressure Increase Permit: Max Pressure = 1450 psig.

5/5/2005: Coil Tubing Clean out: C/O to 4744' w/ sonic hammer tool. Spot acid (5000 gals). TOH and L/D tools.

5/8/2005: Repair MIT & Stimulate: Controlled well & LD inj. tubg. w/ Pkr. Set BP @ 4278' w/ resistance @ 1182' (identified hole). Performed 3 squeezes w/o success @ 1182'. Identified new holes in csg. between 524' - 492' w/ observed fill. Milled bad csg. @ 1182' (Circ. back Red Beds & formation w/ tubg. plugging-off and sticking). Set cement across 1182' - 1221' and currently cleaning-out cement to attempt to abandon well.

TD: 4,800
 PBTD: 4,777

30-025-20294

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CBNG)OPERATOR Chevron USA Inc.LEASENAME New Mexico & StateWELL # 4SECT 25 TWN 175 RNG 34EFROM 500' MSL 760' EMLTD: 12,285' FORMATION @ TD DevonianPBDT: 11,468" FORMATION @ PBDT Penn

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	13 7/8"	385'	surface	
INTMED 1	9 5/8"	4,799'	surface	calculated
Prod. 3X	2 7/8"	10,150'	6,100'	calculated
Prod. 12	2 7/8"	11,468'	6,100'	calculated
	SIZE	TOP	BOT	TOC DETERMINED BY
Prod. 2Y	2 7/8"	10,176'	6,100'	calculated
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
Prod. 3X	4,850'		PERFS	8,420' - 10,107' OA
Prod. 12	4,850'		OPENHOLE	-
Prod. 2Y	4,850'			

REQUIRED PLUGS DISTRICT

PLUG	TYPE	BACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLE			
PLUG 01	OH	35 SXS	6400'
PLUG 02	SPOE	50 SXS	3350'-5450'
PLUG 03	CIBP/35'		4800'
PLUG 04	CIBP	25 SXS	4800'
PLUG 05	STUB	30 SXS	3600'-3700'
PLUG 06	REINER SXS	200 SXS	400'
PLUG 07	SURF	10 SXS	0-10'
PLUG 08	CIBP		9575'
PLUG 09	CIBP		8,375'
PLUG 10	CIBP		10,025'
PLUG 11		115sx	9575'-4,850'
PLUG 12		85sx	8,375'-4,850'
PLUG 13		125sx	10,025'-4,850'
PLUG 14	shoe/shb	55sx	4,850'-4,700'
PLUG 15	B. Salt	70sx	2800'-2,600'
PLUG 16	T. Salt	70sx	1735'-1535'
PLUG 17	shoe	170sx	485'-200'
PLUG 18	surface	10sx	10-surface
PLUG 19			
PLUG 20			
PLUG 21			
PLUG 22			
PLUG 23			
PLUG 24			
PLUG 25			
PLUG 26			
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PLUG 99			
PLUG 100			

PLUG	TYPE	BACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLE			
PLUG 01	OH	35 SXS	6400'
PLUG 02	SPOE	50 SXS	3350'-5450'
PLUG 03	CIBP/35'		4800'
PLUG 04	CIBP	25 SXS	4800'
PLUG 05	STUB	30 SXS	3600'-3700'
PLUG 06	REINER SXS	200 SXS	400'
PLUG 07	SURF	10 SXS	0-10'
PLUG 08	CIBP		9575'
PLUG 09	CIBP		8,375'
PLUG 10	CIBP		10,025'
PLUG 11		115sx	9575'-4,850'
PLUG 12		85sx	8,375'-4,850'
PLUG 13		125sx	10,025'-4,850'
PLUG 14	shoe/shb	55sx	4,850'-4,700'
PLUG 15	B. Salt	70sx	2800'-2,600'
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PLUG 18	surface	10sx	10-surface
PLUG 19			
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PLUG 100			



Trudy Morris
NM Tech. Assist..
Permian Basin

Mid-Continent Business Unit
Chevron Corporation
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7364
Fax 432-687-7871
tkmo@chevron.com

2006 SEP 22 PM 12 04

September 20, 2006

State of New Mexico
Energy and Minerals Dept.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attention: Mark E. Fesmire, P.E., Director

**RE: C108 Proof of Notice Certifications
Central Vacuum Unit #342
Vacuum Grayburg San Andres Field**

Please find attached the Proof of Notice Certifications for the C108 – Authorization to Inject which was mailed to your office on September 8, 2006. There are two copies in this mailing and another is being sent to the District office as well.

Your prompt consideration and approval of this application will be greatly appreciated. If additional information is required, please contact me at (432) 687-7364 or Denise Wann, Petroleum Engineer, at (432) 687-7380.

Sincerely,

A handwritten signature in cursive script that reads "Trudy Morris".

Trudy Morris
New Mexico Team
Technical Assistant

Attachments

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1

 weeks.

Beginning with the issue dated

September 13 2006

and ending with the issue dated

September 13 2006

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 13th day of

September 2006
[Signature]
Notary Public.

My Commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE
SEPTEMBER 13, 2006

Chevron U.S.A., Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to complete the Central Vacuum Unit #342 as an injection well. Injection into this well is designed to enhance production from the Central Vacuum Unit. The well is located: 81.8' FNL & 1186.4' FEL, in Section 36, Unit Letter 'A', Township 17 South, Range 34 East, Lea County, New Mexico. Water, produced gas, & CO2 will be injected into the Grayburg San Andres pool of the Vacuum field. Water injection will be at an expected maximum rate of 3,000 barrels of water per day and an expected maximum surface pressure of 2100 pounds psi. CO2 and produced gas injection will be at an expected maximum rate of 10 MMCF per day and an expected maximum surface pressure of 1850 psi. Persons wanting to contact Chevron U.S.A. should direct their inquiries to David Smith, Chevron U.S.A., 15 Smith Road, Midland, TX 79705; telephone (432) 687-7758.

Interested Parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South Street Francis Drive, Santa Fe, NM 87505, within 15 days of this notice.
#22648

49100176000 67539853
CHEVRON TEXACO
15 SMITH RD.
MIDLAND, TX 79705

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
Gruy Petroleum
Management Co.
P.O. Box 140907
Irving, TX
75014-0907

2. Article Number
(Transfer from service label) 7001 1140 0002 8317 9358

PS Form 3811, February 2004

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Annette Martinez* ☐ Agent ☒ Addressee

B. Received by (Printed Name) *Annette Martinez* C. Date of Delivery *9-11-06*

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
STATE OF NEW MEXICO
OIL GAS & MINERALS DIV
NEW MEXICO SLD
P.O. Box 1148
Santa Fe, NM 87504-1148

2. Article Number
(Transfer from service label) 7001 1140 0002 8317 9334

PS Form 3811, February 2004

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name) C. Date of Delivery *9/11/06*

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
State of NM
Oil Conservation Div.
1220 S. St. Francis Dr.
Santa Fe, NM 87505

2. Article Number
(Transfer from service label) 7001 1140 0002 8317 9372

PS Form 3811, February 2004

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature *John H. Pacheco* ☐ Agent ☒ Addressee

B. Received by (Printed Name) C. Date of Delivery *9-11*

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
Marathon Oil Co.
5555 San Felipe Rd.
Houston, TX
77056-2723

2. Article Number
(Transfer from service label) 7001 1140 0002 8318 2518

PS Form 3811, February 2004

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name) C. Date of Delivery *9/11/06*

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3800, January 2001
See Reverse for Instructions

Sent To: *Stok & NM*
Street, Apt. No.:
or PO Box No. *12205 St Francis Dr.*
City, State, ZIP+4 *Santa Fe, NM 87505*

Postage	\$ 4.80
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.05

Official U.S. E

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

2001 1140 0002 8317 9372

PS Form 3800, January 2001
See Reverse for Instructions

Sent To: *St NM-06M Dr- NMSLO*
Street, Apt. No.:
or PO Box No. *PO Box 1148*
City, State, ZIP+4 *Santa Fe, NM 87504*

Postage	\$ 2.79
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.04

Official U.S. E

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

2001 1140 0002 8317 9334

PS Form 3800, January 2001
See Reverse for Instructions

Sent To: *Marathon OIL Co.*
Street, Apt. No.:
or PO Box No. *5555 San Felipe Rd.*
City, State, ZIP+4 *Houston, TX 77056-2723*

Postage	\$ 2.79
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.04

Official U.S. E

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

2001 1140 0002 8318 2518

PS Form 3800, January 2001
See Reverse for Instructions

Sent To: *Gray Petroleum Mgmt Co.*
Street, Apt. No.:
or PO Box No. *P.O. Box 140907*
City, State, ZIP+4 *Irving, TX 75014-0907*

Postage	\$ 2.79
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.04

Official U.S. E

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

2001 1140 0002 8317 9358

**New Mexico Office of the State Engineer
Well Reports and Downloads**

Township: 17S Range: 34E Sections: 25

NAD27 X: Y: Zone: ☒ Search Radius:

County: LE ☒ Basin: ☒ Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic ☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 12/05/2005

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	17S	34E	25				6	75	95	82

Record Count: 6

Catanach, David, EMNRD

From: Wann, J D (Denise) [wannjd@chevron.com]
Sent: Tuesday, October 10, 2006 8:00 AM
To: Catanach, David, EMNRD
Subject: RE: Form C-108, CVU - NM N 5 - State BA 15

David...

NM N State #5, My calculation is showing that on the Primary cementing job, that based on different yields for cement, the 1400 sxs should have raised the cement to tie into the Intermediate string....if you have any questions, please call..

On the State BA #15H, we will run a CBL to verify the TOC and repair if needed to insure we have cement across the SA interval....

Denise Wann

Chevron USA
Production Engineer
New Mexico Team
15 Smith Road
Midland, TX 79705
432-687-7380 (work)
432-238-4238 (cell)

From: Morris, Trudy (TKMO)
Sent: Tuesday, October 10, 2006 8:18 AM
To: 'Catanach, David, EMNRD'
Cc: Wann, J D (Denise)
Subject: RE: Form C-108, CVU - NM O 5 - State BA 15

David,

I have attached a PDF file regarding the plugging of the NM N 5 which includes a Well Bore Diagram. Also attached is a document prepared by Denise Wann, Petroleum Engineer, showing a calculation of cement used in plugging this well with an estimation of the cement top. **THIS IS NOT WHAT I DID>>>>WRONG**

We will be running a Cement Bond Log for the State BA #15. I will forward the results as soon as received.

Trudy

From: Catanach, David, EMNRD [mailto:david.catanach@state.nm.us]
Sent: Thursday, October 05, 2006 2:42 PM
To: Morris, Trudy (TKMO)
Subject: Form C-108, CVU

Hi Trudy,

10/10/2006

I am currently reviewing your application to convert the CVU Well No. 342 to injection within the Central Vacuum Unit Secondary Recovery Project.

I have found that there is some necessary well data missing in your application. Please provide me with the following data as soon as possible, so

that I may continue to process your application:

Plugging Schematic and plugging information for the following wells:

McCallister State No. 7 API No. 30-025-20115 25-17S-34E
State "BA" Well No. 7 API No. 30-025-20334 36-17S-34E
New Mexico "N" State Well No. 5 API No. 30-025-20941 30-17S-35E

Casing cement data for the following well:

Vacuum Glorieta West Unit Well No. 67 API No. 30-025-31808 36-17S-34E

Top of cement behind the production casing for the following well:

State "BA" Well No. 15 API No. 30-025-34945 36-17S-34E

Upon receipt of the requested information, I will proceed to process your application.

If you have any questions, call me at (505) 476-3466 or E-mail me.

Thanks,

David Catanach
Engineer

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10/10/2006

Catanach, David, EMNRD

From: Morris, Trudy (TKMO) [TKMO@chevron.com]
Sent: Monday, October 09, 2006 12:49 PM
To: Catanach, David, EMNRD
Subject: RE: Form C-108, CVU
Attachments: McCallister 7 30-025-20115 WBD2.tif; State BA #7 30-025-20334 WBD.tif; CVU 342 REVIEW AREA WELLS 2.xls

David,
 I have attached the WBD's for the two of the wells listed below. I have also attached a corrected Area of Review Wells listing with the data for VGWU 67 completed.
 The State BA 15 & State NM N #5 data you requested is being researched by the engineer and will forward to you as soon as possible.
 Do I need to send hard copies by mail to you? Who also would need copies of this data?
 Thanks,
 Trudy

From: Catanach, David, EMNRD [mailto:david.catanach@state.nm.us]
Sent: Thursday, October 05, 2006 2:42 PM
To: Morris, Trudy (TKMO)
Subject: Form C-108, CVU

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Thanks,

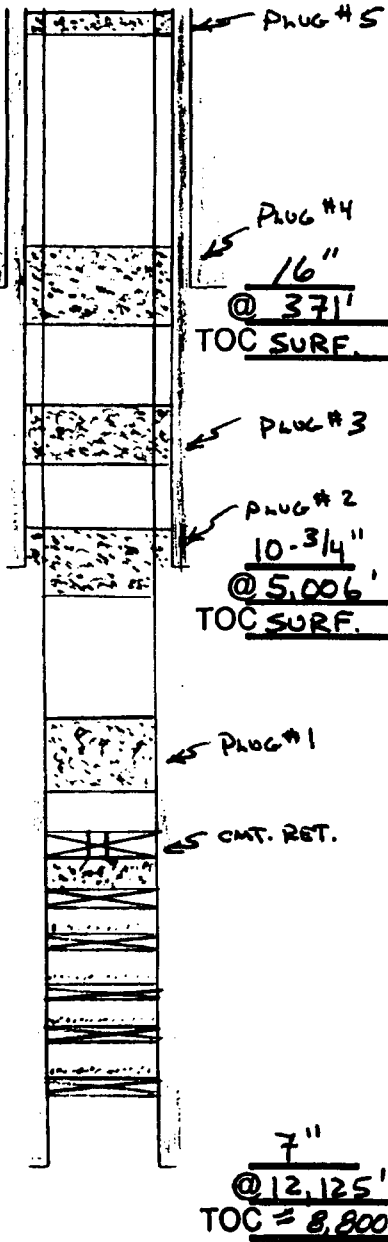
David Catanach
 Engineer

10/10/2006

PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)

OPERATOR MARATHON OIL COMPANY
LEASENAME MCCALLISTER STATE

WELL # 7
SECT 25 TWN 17-S RNG 34-E
FROM 660 N/S L 1780 EWL
TD: 12,125' FORMATION @ TD DEVONIAN
PBDT: 7,325' FORMATION @ PBDT BLINEBRY



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	16"	371'	SURF.	CIRC.	
INTMED 1	10-3/4"	5006'	SURF.	CIRC.	
INTMED 2					
PROD	7"	12,125'	8,800'	CALC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1				PERFS	6401' - 6660'
INTMED 2				OPENHOLE	-
PROD	5000'				

* REQUIRED PLUGS DISTRICT I

RUTLER (AMBYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAIN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BURBY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
DESS	
DEVONIAN	

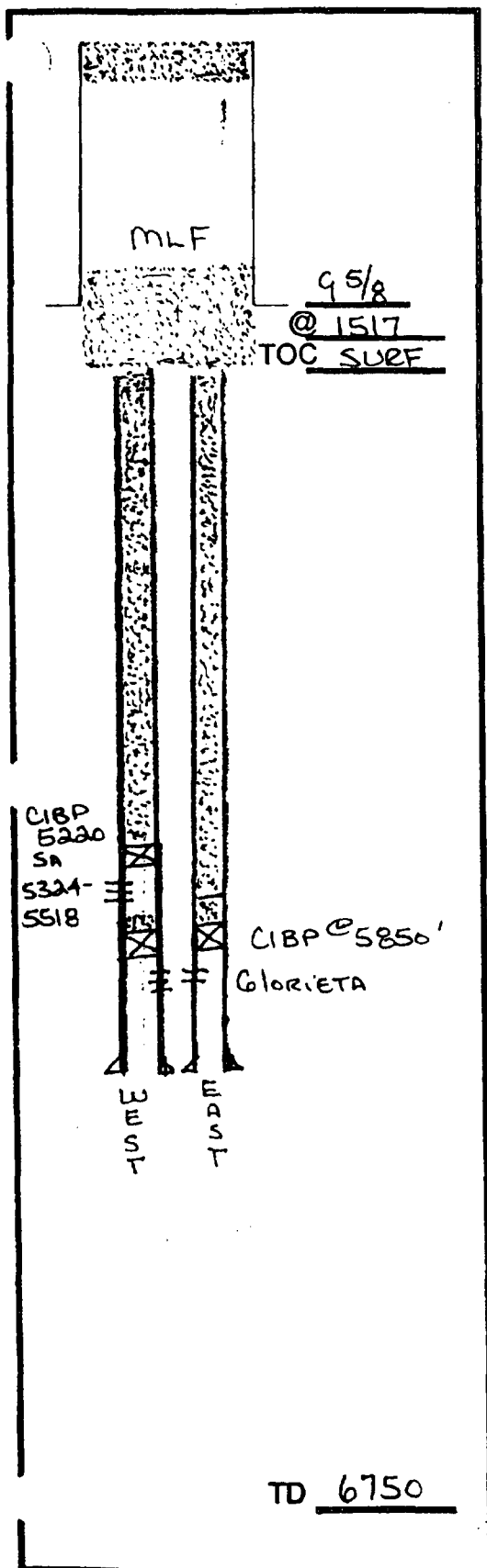
PLUG	TYPE	SACKS	DEPTH
	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	25 SXS	9850'
PLUG #2	SHOE	50 SXS	8700'-8800'
PLUG #3	CIBP/35'		5300'
PLUG #3	CIBP	25 SXS	5300'
PLUG #4	STUB	50 SXS	4600'-4700'
PLUG #6	REINR SQZ	200 SXS	400
PLUG #7	SURF	10 SXS	0-10'
PLUG #1	OH	25	6525'-6660' 6275'-6400'
PLUG #2	SHOE	40	4950'-5050'
PLUG #3	OH	40	1900'-2000'
PLUG #4	SHOE	40	320'-420'
PLUG #5	SURF	5	0'-10'
PLUG #6			
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			

TD 12,125'

DNE 02/22/00

(1 STRING CSNG)

SECT 36 TWN 17S RNG 34E
FROM 6600 (N)S L 1880 E (N) L
TD: 6750 FORMATION @ TD BLINE Bay
PBD: 5815 FORMATION @ PBD SAN ANDRES



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	9 5/8	1517	SURF	Circ	
INTMED 1	2 7/8	6750	1900	TS	
INTMED 2					
PROD	2 7/8	6750	1900	TS	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1	1560'		PERFS	5324 - 5538	
INTMED 2			OPENHOLE	-	
PROD	1560				

*** REQUIRED PLUGS DISTRICT I**

RUSTLER (AMHYD)	
YATES	
QUEEN	
GRAYBRO	
SAN ANDRES	
CAPTAIN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORBOW	
MISS	
DEVONIAN	

[illegible]

Catanach, David, EMNRD

From: Morris, Trudy (TKMO) [TKMO@chevron.com]
Sent: Tuesday, October 10, 2006 7:18 AM
To: Catanach, David, EMNRD
Cc: Wann, J D (Denise)
Subject: RE: Form C-108, CVU - NM O 5 - State BA 15
Attachments: NM O ST 5 PA Files.pdf; NM N State #5 cmt (2).doc

David,

I have attached a PDF file regarding the plugging of the NM O 5 which includes a Well Bore Diagram. Also attached is a document prepared by Denise Wann, Petroleum Engineer, showing a calculation of cement used in plugging this well with an estimation of the cement top.

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10/10/2006

David Catanach
Engineer

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10/10/2006

Supervisor's Initials

MIDLAND PRODUCING DIVISION
PLUG AND ABANDONMENT ROUTING SLIP
NON-FORFEITURE

LEASE NAME AND WELL NO. New Mexico 'N' State No. 5

10-28-91 ADMINISTRATIVE SERVICES - LAS (Login)
WIO Approval Req.: YES (PO-113L Ltr. req.)
NO X

10/28 DIV. OPERATIONS ENGR. (RHP)

10/29 ENGINEER ASSISTANT (Tom Worley)

	Ltr. sent	Ltr. rec.
✓ Exploitation input:	<u>10/29</u>	<u>11/4</u>
✓ Portfolio input: (reservoir & sales)	<u>10/29</u>	<u>11/4</u>
CO2 input:	<u> </u>	<u> </u>
<u>11/6/91</u> Land input (PO-113L):	<u> </u>	<u> </u>
<u>11/11</u> <u>Hmm</u>		

11/11 DIV. OPERATIONS ENGR. (RHP - Review & Sign)

11-11 ASSISTANT DIVISION MANAGER - PRODUCTION (Review & Sign)

11-12-91 ADMINISTRATIVE SERVICES - Laura Skinner, Room 874
(WIO approvals if required; distribution & Logout)

****REMARKS: Slim hole (2 7/8") producer. Replacement well has been
drilled for contribution to the West Vacuum Gabriella
Unit. No uphole potential - San Andres is in CUU.

Rec. Approval

Hmm



Texaco

DATE: October 29, 1991
TO: Mr. J. J. Miller
FROM: R. S. Lane
SUBJECT: PRO - FIELDS AND WELLS
Abandonment of Wells
N. M. "N" State Well No. 5
Lea County, New Mexico

The Production Department of the Midland Producing Division is considering salvaging, plugging, and abandoning the captioned well. Abandonment of this well will not result in forfeiture of the lease.

Attached for your examination is a copy of the PO-113 package. Please indicate Exploration/Exploitation approval of this proposal with your signature in the space provided.

R. S. Lane / RSLP

TW-NAZ

Attachment

APPROVED: *JJ Miller (PBH)*
DATE: *11-1-91*

File
Chrono



Texaco

DATE: October 29, 1991
TO: Ms. H. C. Pattison
FROM: R. S. Lane
SUBJECT: PRO - FIELDS AND WELLS
Abandonment of Wells
N. M. "N" State Well No. 5
Lea County, New Mexico

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R. S. Lane / RSL

TW-NAZ

Attachment

APPROVED: *R. S. Wellington / JFG*
DATE: *11-1-91*

File
Chrono

OK TO P&A. NO UPHOLE POTENTIAL EXISTS.
REPLACEMENT WELL NM "N" ST. #10 HAS
BEEN DRILLED. UNITIZATION CONCURS WITH P&A.
JFG 11/1/91

RECOMMENDATION FOR ABANDONMENT

☒ TEPI ☐ FSOG☒ NON-FORFEITURE ☐ FORFEITUREDATE: 10-22-91DIVISION: Midland UNIT/LEASE: New Mexico "N" State WELL #: 5AREA: Hobbs FIELD: Vacuum Glorieta FRS ID #: 333000061020111COUNTY: Lea GWI %: 100% LAND LSE #: 553820STATE: New Mexico JIO OPERATOR: (N/A for OBT Wells)LEGAL DESCRIPTION: Ltr M, 560' FSL & 560' FWL, Sec 30, T-17-S, R-35-ENUMBER OF PRODUCING WELLS REMAINING AFTER P&A: 4 (1 Active)HAS POSSIBILITY OF SALE BEEN INVESTIGATED? ☐ YES ☒ NO

COMMENTS: _____

REASON FOR ABANDONMENT

Well has been shut-in since 1987 due to high operating cost. It is a slimhole completion. Was replaced in 1991 by a full size wellbore well.

CURRENT COMPLETION

WELL TYPE: OilDATE COMPLETED: 4-14-64 COMPLETED FROM: 6004' TO: 6062'PRODUCING ZONE: Vacuum Glorieta TD: 6829'

*Well has been shut-in since 12/87

LAST TEST: BOPD: 5 BWPD: 3 MCFPD: 30 BWIPD: _____ TEST DATE: 11/87

COST DATA

TEXACO'S SHARE

EST. VALUE OF SALVAGEABLE EQUIPMENT: \$ _____ \$ _____

EST. COST TO P & A: \$ 9,500 \$ 9,500

ATTACHMENTS

☒ ENGINEERING COMMENTS
☐ GEOLOGICAL COMMENTS
☐ LAND COMMENTS
☐ PARTNER APPROVAL
☒ ABANDONMENT PROCEDURE☒ WELL DIAGRAM
☐ SALVAGEABLE EQUIPMENT LIST
☒ DETAILED COST DATA (PLUGGING & EQUIPMENT)
☒ OTHER SUPPORTING DATA

APPROVALS

PREPARED BY: WTL 10-22-91
- DATE

REGION LAND MANAGER _____ - DATE

La Hoya *10/22/91*

ENGINEERING COMMENTS

New Mexico "N" State Well No. 5

It is recommended that the subject slimhole well be plugged and abandoned. The well has been shut in since 1987.

The well was acid stimulated on completion into the Vacuum Glorieta formation in 1964 resulting in an initial potential test of 178 BO and 0 BW. Additional Glorieta pay was opened in 1971 and 1972 resulting in only small increases in production. In 1975 the well was shut-in and reclassified as TRO after an unsuccessful attempt was made to fish junk that had been lost in the wellbore. The well was reentered, cleaned out, and put back on production in 1981. In 1988 the well was shut-in again after junk was lost in the hole. Cumulative production to date is 192 MBO and 304 MMCF from the Vacuum Glorieta formation.

The New Mexico "N" State lease has 4 remaining wells, of which one is active. The lease is scheduled to be incorporated into the West Vacuum Glorieta Unit flood in 1992. The well was replaced in 1991 by a full size wellbore and will not be required in the proposed unit.

PROPOSED PLUGGING PROCEDURE

New Mexico "N" State Well No. 5

1. Tie onto 2 7/8" csg with pump truck. Establish rate into Glorieta perfs.
2. Pump 300 sx cmt (Class "C" with 2% calcium chloride) down csg. 175 sx will be squeezed into perfs 6004'-6062'.
3. Follow cmt with 6 bbls of salt gel mud consisting of 10 lb brine with 25 lbs of gel per barrel. Cmt displaced to 1000'.
4. Perf 2 sqz holes at 350'.
5. Establish circulation to surface thru sqz holes. Pump approx 100 sx cmt until circ to surface.
6. Cut off wellhead. Install marker. Clean location.

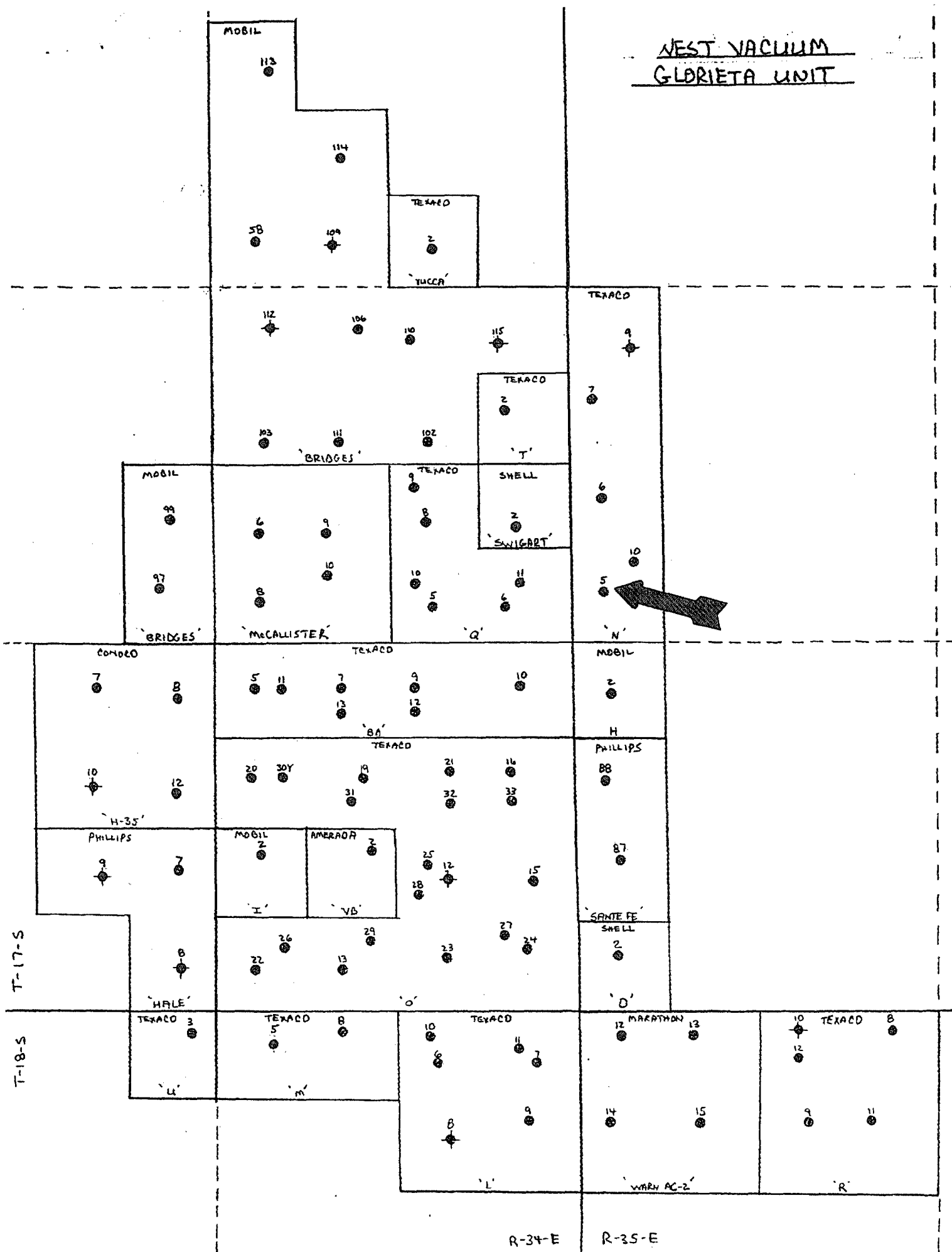
ESTIMATED PLUGGING COST

New Mexico "N" State No. 5

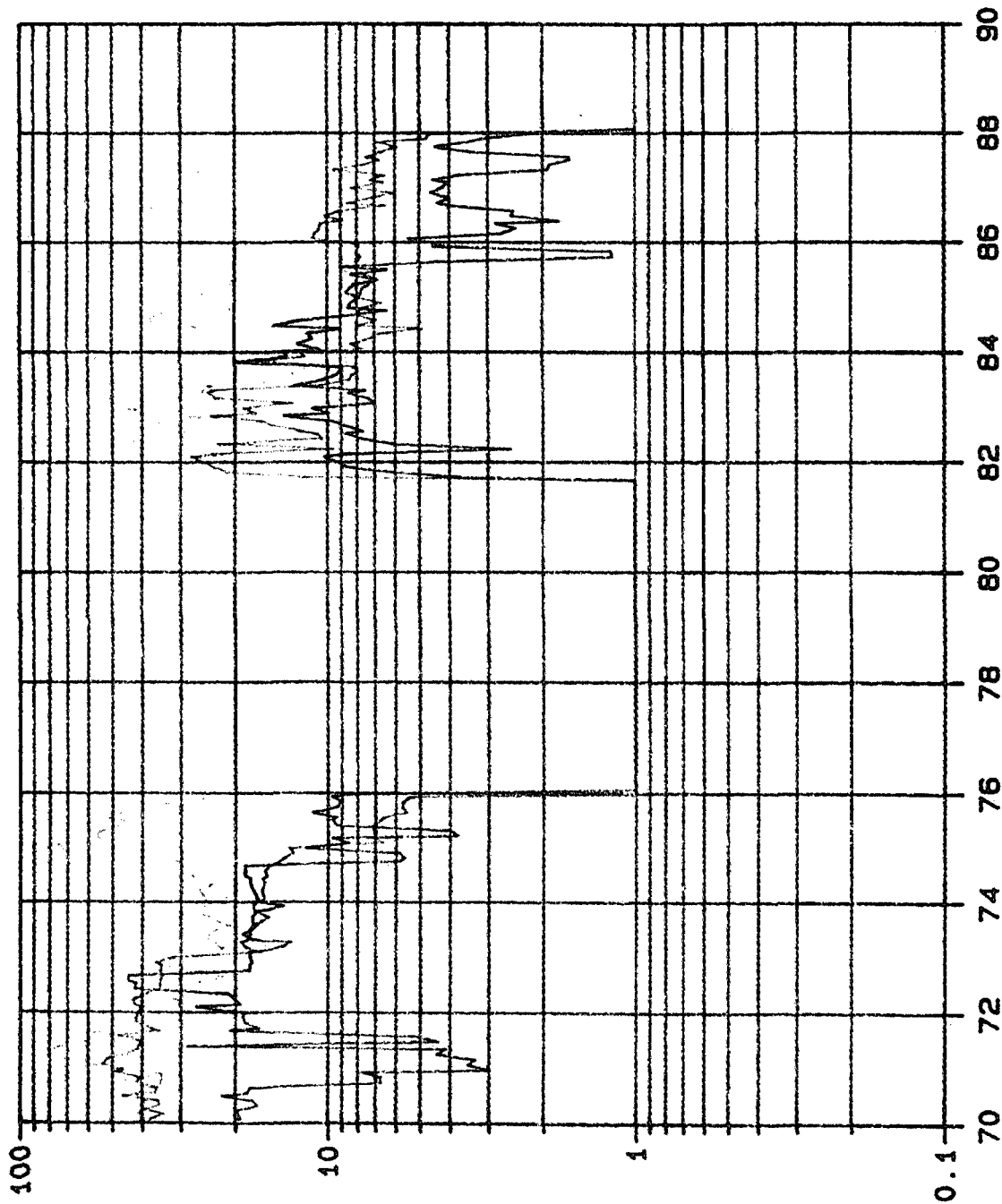
Cementing Services	\$6,000
Wireline Services	\$1,000
Mud	\$100
Clean Location	\$1,500
Misc.	\$900

Total	\$9,500

WEST VACUUM
GLORIETA UNIT



NEW MEXICO N STATE - 005



YEARS

LEASE DATA
 LSE 548450
 FLD 59800
 OPER 833331
 ZONE GL
 17S-35E-30
 COUNTY 025
 STATE 30
 STATUS 1-88
 CO 192 MBO
 CG 304 MMCF
 BOPD 0
 BWP 0
 MCFPD 1
 WELLS 0
 CI 0 MBWI
 BWIPD 0

BOPD BWP MCFPD

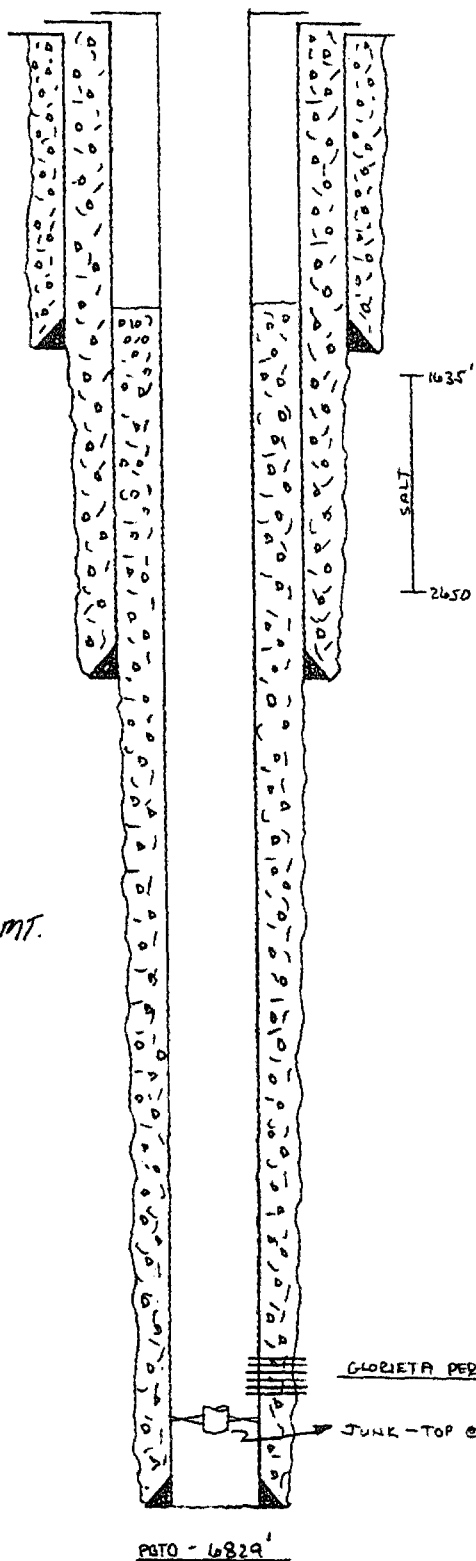
NEW MEXICO "N" STATE NO. 5

T-17-S, R-35-E, SEC 30

SPOT M, 560' FSL & 560' FWL

PRESENT

DF-3998'



11 3/4" 32" H-40 SET @ 1550'
IN 15" hole w/ 1000 SX CMT
CMT CIRC TO SURF

8 5/8" 24" H-40 SET @ 3320'
IN 10 5/8" hole w/ 350 SX CMT
SQZ 600 SX @ 1575' IN 1981
CMT CIRC TO SURF

3112' TAG CMT.

15/8 - FARMER
P/U

GLORIETA PERFS - 6004' - 6062'

JUNK - TOP @ 6146'

2 7/8" 6.5" J-55 SET @ 6863'
IN 7 7/8" hole w/ 1400 SX CMT
CMT CIRC TO 1320'. BY CBL.

NEW MEXICO "N" STATE NO. 5

T-17-S, R-35-E, SEC 30

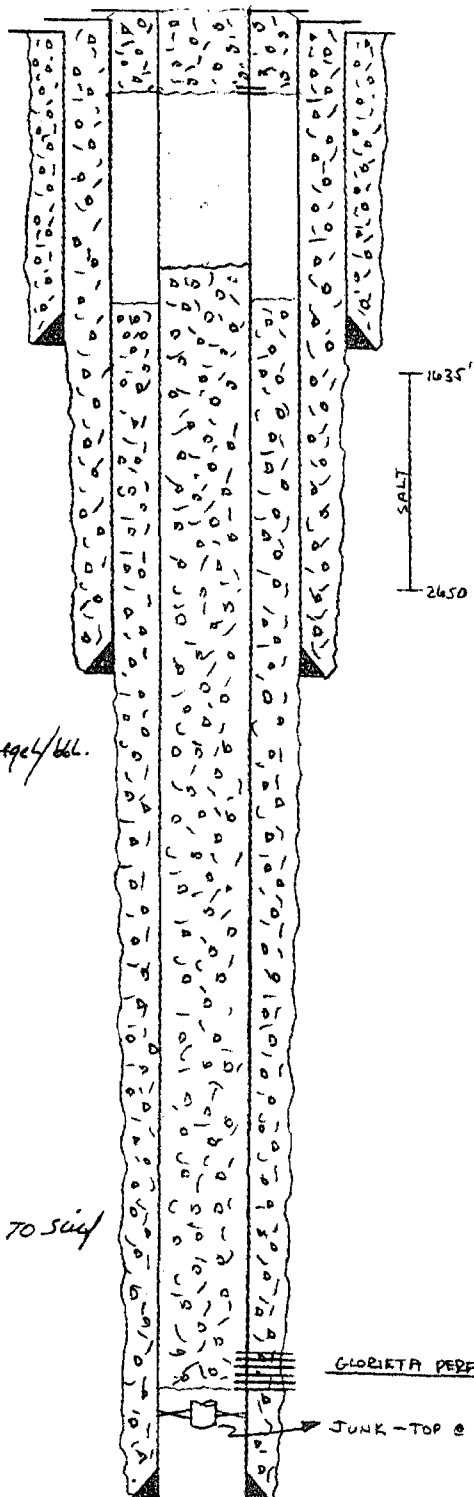
SPOT M, 560' FSL & 560' FWL

PRESENT

DF-3998'

SQZ 100 SX CMT INTO SQZ PERFS
@ 350' CIRC TO SURF.

SQZ 300 SX CMT INTO GLORIETA
PERFS. TOP @ 1000'.



11 3/4" 32# H-40 SET @ 1550'
IN 15' hole w/ 1000 SX CMT
CMT CIRC TO SURF

8 5/8" 24# H-40 SET @ 3320'
IN 10 5/8" hole w/ 350 SX CMT
SQZ 600 SX @ 1575' IN 1981
CMT CIRC TO SURF

IL W/ mud = 10# brine w/ 25# oil gel / 66L.

+ BP 1550'

MP BAIL 35' CMT. ON BP

1. 2 sq. Holes at 350'
ALLISH CIRC
'C. TO SURFACE.

MP 100 SX UNTIL CIRC TO SURF
+20

GLORIETA PERFS - 6004' - 6062' (SQZ W/ 175 SX CMT)

JUNK - TOP @ 6146'

PSTO - 6829'

2 7/8" 6.5# J-55 SET @ 6863'
IN 7 7/8" hole w/ 1400 SX CMT
CMT CIRC TO 1320'. BY CBL.

NM N State #5- cementing estimated for 2 7/8" casing

Annular Volume between 2 7/8" csg and 7 7/8" hole = 0.2932 cu ft/ft
2 7/8" Shoe @ 6853 & 8 5/8" shoe @ 3309' = 3544'

0.2932 cu ft/ft x 3544 ft = 1039 cu ft (needed to tie into Intermediate shoe)

Not knowing the exact type of cmt on 2 7/8", have given a med and low yield estimate:

- Yield on POZ = ~1.75 cu ft/sx
- Yield on Class C = ~1.23 cu ft/sx

1.75 cu ft/sx x 1400 sxs = 2450 cu ft (this would tie cmt into Intermediate shoe)

1.23 cu ft/sx x 1400 sxs = 1722 cu ft (this would tie cmt into Intermediate shoe)

3002502959	50 CENTRAL VACUUM UNIT	O	A	Surf Prod OH	12.25" 8.75"	9.625" 7"	1530" 4104"	275 400	835" 2000'	Calc VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	35E	31	D	32.797	-103.503	660 N	660 W	4662	4662	0	0	4662	02/27/38
3002508453	21 CENTRAL VACUUM UNIT	O	A	Surf Prod OH	11" 7.75"	8.625" 5.5"	1571" 4290"	600 275	Surf	VACUUM GB SA (CONSOLIDATED)** VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	I	32.8042	-103.508	1980 S	660 E	4700	0	0	0	4700	08/15/38
3002520115	7 MCCALLISTER STATE	O	P	Surf	16.00"	371"		40	Surf	Circ VACUUM;ABO, NORTH	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.517	660 S	1780 W	0	12125	0	0	12125	04/08/63
3002520115	7 MCCALLISTER STATE	O	P	Inter	10.75"	5006"		40	Surf	Circ VACUUM;BLINEBRY	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.517	660 S	1780 W	0	12125	0	0	12125	
3002520115	7 MCCALLISTER STATE	O	P	Prod	7.00"	12125"		25	8800"	Calc VACUUM;UPPER PENN	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.517	660 S	1780 W	0	12125	0	0	12125	
3002520115	7 MCCALLISTER STATE	O	P							VACUUM;WOLFCAMP	MARATHON	Lea	17.0S	34E	25	N	32.8006	-103.517	660 S	1780 W	0	12125	0	0	12125	
3002520172	5 NEW MEXICO Q STATE	O	P	Surf	15"	11.75"	1550"	1100	Surf	Circ VACUUM;BLINEBRY	TEXACO	Lea	17.0S	34E	25	O	32.8001	-103.512	460 S	2080 E	0	6850	0	0	6850	09/24/63
3002520172	5 NEW MEXICO Q STATE	O	P	Inter	11"	8.625"	3305"	500	Surf	Circ VACUUM;GLORIETA	TEXACO	Lea	17.0S	34E	25	O	32.8001	-103.512	460 S	2080 E	0	6850	0	0	6850	
				Prod	7.875"	2.875"	6850"	1400	(both production strings sat with 1400 sx)																	
3002520179	86 VACUUM GLORIETA WEST UNIT	O	A	Surf Prod OH	12.25" 7.875" 4.75"	8.625" 5.5"	1538" 6850"	1175 900	Surf 2610'	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	K	32.7906	-103.515	2310 S	2310 W	0	0	0	0	99999	06/04/63
3002520197	21 NEW MEXICO O STATE NCT 1	O	A	Surf Prod	12.25" 8.75"	9.625" 7"	725" 2621"	390 700	Surf	Circ	TEXACO	Lea	17.0S	34E	36	G	32.7936	-103.512	1900 N	1900 E	0	0	0	0	6850	10/12/83
3002520212	36 VACUUM GLORIETA WEST UNIT	O	T	Surf Prod	11" 7.875"	8.625" 5.5"	1601" 6898"	610 800	Surf 2510'	Circ VACUUM;GLORIETA TS	CHEVRON	Lea	17.0S	34E	25	I	32.8033	-103.508	1650 S	790 E	0	6900	0	0	6900	11/03/81
3002520274	18 NEW MEXICO O STATE NCT 1	O	P	Surf	17.5"	13.375"	1555"	1200		VACUUM;DRINKARD	TEXACO	Lea	17.0S	34E	36	H	32.7936	-103.507	1880 N	560 E	11510	11510	0	0	11510	05/09/63
3002520274	18 NEW MEXICO O STATE NCT 1	O	P	Inter Prod	12.25" 8.75"	9.625" 2.875"	4796" 11508"	1700		VACUUM;WOLFCAMP	TEXACO	Lea	17.0S	34E	36	H	32.7936	-103.507	1880 N	560 E	11510	11510	0	0	11510	
3002520294	4 NEW MEXICO Q STATE	O	P	Surf	20"	16"	365"	400	Surf	Circ VACUUM;ABO, NORTH	CHEVRON	Lea	17.0S	34E	25	P	32.8002	-103.508	500 S	760 E	0	12285	0	0	12285	08/21/63
3002520294	4 NEW MEXICO Q STATE	O	P	Prod	12.25"	9.625"	4799"	1700		Calc VACUUM;UPPER PENN	CHEVRON	Lea	17.0S	34E	25	P	32.8002	-103.508	500 S	760 E	0	12285	0	0	12285	
3002520294	4 NEW MEXICO Q STATE	O	P							VACUUM;WOLFCAMP	CHEVRON	Lea	17.0S	34E	25	P	32.8002	-103.508	500 S	760 E	0	12285	0	0	12285	
3002520334	7 STATE BA	O	P	Surf Inter Prod	9.875" 2.875"	1517" 6750"		135 195	Surf 1900	Circ VACUUM;GLORIETA TS	TEXACO	Lea	17.0S	34E	36	C	32.797	-103.517	660 N	1880 W	0	6750	0	0	6750	06/01/63
3002520784	76 VACUUM GLORIETA WEST UNIT	O	T	Surf Prod	12.25" 7.875"	8.625" 4.5"	1575" 6900"	1575 lbs/ft 1600	Surf	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	35E	31	E	32.7932	-103.504	2030 N	510 W	6900	6851	0	0	6085	05/20/64
3002520862	250 CENTRAL VACUUM UNIT	O	A	Surf Inter Prod	17.5" 12.25" 8.75"	13.375" 9.625" 7"	370" 5000" 10553	350 3575 1520	Surf Surf 5660	Circ VACUUM;GRAYBURG-SAN ANDRES Circ TS	CHEVRON	Lea	17.0S	35E	31	D	32.7974	-103.504	510 N	535 W	10553	10553	0	0	10553	10/14/64
3002520863	62 VACUUM GLORIETA WEST UNIT	O	T	Surf Prod	12.25" 8.75"	9.625" 4.5"	1568" 6850"	800 2300	Surf	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	35E	31	D	32.7967	-103.504	760 N	560 W	6850	0	0	0	6850	06/30/64
3002520941	5 NEW MEXICO N STATE	O	A	Surf Inter Prod	15" 10.625" 7.875"	11.75" 8.625" 2.875"	1550" 3320" 6863"	1000 350 1400	Surf	Circ	TEXACO	Lea	17.0S	35E	30	M	32.8004	-103.504	560 S	560 W	0	0	0	6863	6863	03/24/64
3002520942	6 NEW MEXICO N STATE	O	P	Surf	17.5"	13.375"	1561"	1250	Surf	Circ VACUUM;ABO, NORTH	GRUY	Lea	17.0S	35E	30	L	32.8043	-103.504	1980 S	460 W	10300	10300	0	0	10300	05/15/64

3002525725	59	CENTRAL VACUUM UNIT	I	A	Surf Prod	12.25' 7.875"	9.625" 4.5"	423' 4800'	450 2500	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	35E	31	E	32.795	-103.502	1403	N	1200	W	4800	4800	0	0	4800	12/19/77
3002525794	29	CENTRAL VACUUM UNIT	I	A	Surf Prod	12.25' 7.875"	8.625" 4.5"	415' 4800'	425 2100	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	35E	30	L	32.8025	-103.501	1330	S	1238	W	4800	0	0	0	4800	03/01/78
3002525814	26	CENTRAL VACUUM UNIT	I	A	Surf Prod	11" 7.875"	8.625" 4.5"	350' 4800'	200 2800	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	J	32.8024	-103.514	1330	S	2577	E	0	0	0	0	99999	03/03/78
3002525815	27	CENTRAL VACUUM UNIT	I	A	Surf Prod	11" 7.875"	8.625" 4.5"	350' 4800'	200 2800	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	J	32.8025	-103.51	1330	S	1425	E	0	0	0	0	99999	02/12/78
3002525816	28	CENTRAL VACUUM UNIT	I	A	Surf Prod	11" 7.875"	8.625" 4.5"	350' 4800'	200 2800	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	P	32.8022	-103.506	1230	S	159	E	0	0	0	0	99999	03/05/78
3002527913	47	VACUUM GLORIETA WEST UNIT	O	A	Surf Inter Prod	14.75' 11" 7.875"	11.75" 8.625" 5.5"	1520' 4850' 6100'	2150 1900 875	Surf	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	O	32.8015	-103.513	990	S	2308	E	0	6100	0	0	6100	08/21/82
3002527965	155	CENTRAL VACUUM UNIT	I	A	Surf Inter Inter Prod	20' 15" 11" 7.875"	16" 11.75" 8.625" 5.5"	350' 1530' 2675' 4800'	650 1200 1100 2300	Surf Circ Circ Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	25	I	32.8059	-103.51	2580	S	1310	E	0	4800	0	0	4800	11/14/82
3002530022	266	CENTRAL VACUUM UNIT	O	A	Surf Prod	13.375' 8.75"	13.375" 7"	1550' 4300'	1450 2000	Surf Circ	Circ VACUUM;GRAYBURG-SAN ANDRES	TEXACO CHEVRON	Lea Lea	17.0S 17.0S	34E 34E	25 36	P H	32.8007 32.7934	-103.51 -103.51	681 1970	S N	1310 1310	E E	0 0	0 4710	0 0	0	4720 4710	08/31/87
3002530104	242	CENTRAL VACUUM UNIT	I	A	Surf Inter Prod	24' 17.5' 8.75"	20" 13.375" 7"	354' 1610' 4278'	850 1600 2050	Surf Surf 120 TS	Circ VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	36	A	32.7986	-103.508	90	N	706	E	0	4720	0	0	4720	03/01/88
3002530716	60	VACUUM GLORIETA WEST UNIT	O	A	Surf Inter Prod	14.75' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6627'	1300 750 1175	Surf 270' Surf	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	B	32.7961	-103.513	990	N	2308	E	6627	0	0	0	6627	12/10/89
3002530967	49	VACUUM GLORIETA WEST UNIT	O	T	Surf Inter Prod	15' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6320'	1200 850 1200	Surf Surf Circ	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	35E	30	M	32.8015	-103.503	990	S	895	W	6320	0	0	0	6320	
3002530968	74	VACUUM GLORIETA WEST UNIT	O	A	Surf Inter Prod	15' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6300'	1200 850 1150	Surf Surf Circ	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	G	32.7924	-103.512	2310	N	1900	E	0	6300	0	0	6300	11/29/90
3002530969	75	VACUUM GLORIETA WEST UNIT	O	T	Surf Inter Prod	15' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6300'	1200 850 1150	Surf Surf Circ	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	H	32.7925	-103.509	2310	N	990	E	0	6300	0	0	6300	12/14/90
3002530970	48	VACUUM GLORIETA WEST UNIT	O	A	Surf Inter Prod	15' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6300'	1200 850 1150	Surf Surf Circ	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	P	32.801	-103.508	815	S	800	E	0	0	0	0	99999	12/30/90
3002530971	59	VACUUM GLORIETA WEST UNIT	O	A	Surf Inter Prod	15' 11" 7.875"	11.75" 8.625" 5.5"	1550' 3000' 6270'	1200 850 1150	Surf Surf Circ	Circ VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	C	32.7961	-103.517	990	N	1880	W	0	6270	0	0	6270	10/25/91
3002531133	11	NEW MEXICO N STATE	O	C	Surf Inter	Well never drilled										35E	30	L	32.8048	-103.503	2180	S	750	W	0	0	0	6330	not drilled

3002531701	Prod	40	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1549' 6290'	650 1700	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	K	32.8031	-103.515	1590	S	2404	W	6290	0	0	0	6290	12/14/92
3002531702	Prod	52	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1550' 6285'	650 1675	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	N	32.7994	-103.517	214	S	1630	W	6200	0	0	0	6200	11/01/92
3002531703	Prod	53	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1550' 6300'	650 1900	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	N	32.7994	-103.515	215	S	2350	W	6300	0	0	0	6300	11/09/92
3002531786	Prod	30	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1540' 6340'	650 2375	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	J	32.8051	-103.51	2305	S	1391	E	6340	6340	0	0	6340	12/10/92
3002531808	Prod	67	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1552' 6300'	650 1700	Surf Surf		VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	G	32.7949	-103.51	1435	N	1408	E	6332	9999	0	0	9999	02/03/93
3002531814	Prod	31	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1550' 8000'	650 1710	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	I	32.8057	-103.506	2520	S	153	E	6353	9999	0	0	9999	12/21/92
3002531815	Prod	42	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1530' 6345'	650 2015	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	35E	30	M	32.8019	-103.505	1114	S	41	W	6345	9999	0	0	6345	01/07/93
3002531816	Prod	54	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1540' 6340'	650 2375	Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	B	32.7987	-103.511	51	N	1588	E	6338	0	0	0	6338	01/24/93
3002531817	Prod	55	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1550' 6334'	650 1650	Surf Surf	Circ	VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	P	32.7992	-103.506	146	S	128	E	6334	9999	0	0	9999	12/30/92
3002531838	Prod	41	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	11" 8.625" 7.875"	1566' 6328'	650 1985	400'		VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	25	J	32.8026	-103.511	1377	S	1646	E	6328	0	0	0	6328	02/23/93
3002531842	Prod	81	VACUUM GLORIETA WEST UNIT	I	A	Surf Prod	14.75" 11.75" 7.875"	1500' 6304'	940 1800	Surf		VACUUM;GLORIETA	CHEVRON	Lea	17.0S	34E	36	J	32.7912	-103.51	2521	S	1503	E	6304	0	0	0	6304	02/06/93
3002533434	Prod	10	NEW MEXICO N STATE	O	A	Surf Inter Prod	14.75" 11.75" 11" 8.625" 7.875"	1500' 5300' 11536'	800 1800 2050	Surf		VACUUM;UPPER PENN	CHEVRON	Lea	17.0S	35E	30	M	32.801	-103.504	800	S	510	W	11536	11536	0	0	11536	05/29/96
3002533569	Prod	39	NEW MEXICO O STATE NCT-1	O	A	Surf Inter Prod	14.75" 11.75" 11" 8.625" 7.875"	1480' 5310' 10300'	800 2125 1000	Surf 90' 3550'	Circ	VACUUM;UPPER PENN VACUUM;WOLFCAMP	CHEVRON CHEVRON	Lea Lea	17.0S 17.0S	34E 34E	36 36	G G	32.7931 32.7931	-103.512 -103.512	2075 2075	N N	2110 2110	E E	10300 10300	10300	0	0	10300	12/31/96
3002533570	Prod	14	STATE BA	O	A	Surf Inter Prod	14.75" 11.75" 11" 8.625" 7.875"	1500' 5300' 11500'	800 1740 2300	Surf Surf Surf	Circ Circ Circ	VACUUM;ATOKA	CHEVRON	Lea	17.0S	34E	36	A	32.7961	-103.507	990	N	330	E	11500	1500	0	0	11500	09/11/96
3002533711	Prod	167	CENTRAL VACUUM UNIT	O	A	Surf Prod	11" 8.625" 7.875"	1540' 6334'	550 1650	Surf Surf	Circ Circ	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	36	G	32.7933	-103.514	2000	N	2630	E	4850	4850	0	0	4850	12/26/96
3002533850	Prod	12	NEW MEXICO Q STATE	O	A	Surf Inter Prod	14.75" 11.75" 11" 8.625" 7.875"	1504' 3718' 10349'	800 1825 2500	Surf Surf 3400'		VACUUM;UPPER PENN VACUUM;WOLFCAMP	CHEVRON CHEVRON	Lea Lea	17.0S 17.0S	34E 34E	25 25	O O	32.7999 32.7999	-103.512 -103.512	400 400	S S	1900 1900	E E	10350 10350	10350	0	0	10350	03/23/97
3002534945	Prod	15	STATE BA	O	A	Surf Inter Prod	14.75" 11.75" 11" 8.625" 7.875"	1514' 3725' 10498'	830 1930 1215	Surf		VACUUM;ABO, NORTH VACUUM;UPPER PENN	TEXACO CHEVRON CHEVRON	Lea Lea Lea	17.0S 17.0S 17.0S	34E 34E 34E	36 36 36	C C C	32.7971 32.7971 32.7971	-103.516 -103.516 -103.516	612 612 612	N N N	2135 2135 2135	W W W	0 10500 10500	0 0 0	0	0	10500	11/05/04

3002534945	15 STATE BA	O	A				VACUUM;WOLF CAMP	CHEVRON	Lea	17.0S	34E	36	C	32.7971	-103.516	612 N	2133 W	10500	0	0	10500						
3002535213	241 CENTRAL VACUUM UNIT	I	A	Surf Prod	12.25" 8.75"	9.625" 7"	1552" 4850"	650 950	230	Circ TS	VACUUM;GRAYBURG-SAN ANDRES	CHEVRON	Lea	17.0S	34E	36	B	32.7986	-103.512	74 N	1940 E	4850	5664	0	0	5664	01/13/01