5/25/05 DATE IN	6/9/2005 SUSPENSE	CATAWACH ENGINEER	5/27/05 LOGGED IN	PMX TYPE	PSEM0514732808 APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

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

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

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

May 19, 2005

ChevronTexaco

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 USA Inc. requests your approval of the subject application to inject water into the **Central Vacuum Unit Wells #240 and 260**, located: 256.5' FSL & 2519.4' FWL, Unit Letter N, Sec. 36, Township 17S, Range 34E, Lea County, New Mexico and 1235.2' FNL & 2445.9' FWL, Unit Letter C, Sec. 31, Township 17S, Range 35E, Lea County, New Mexico respectively.

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

Attached are OCD Form C-108's with information relative to the injection of the referenced wells. 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. ChevronTexaco is the only offset operator to this project.

Your prompt consideration and approval of this application will be greatly appreciated. If additional information is required, please contact me at (432) 687-7114.

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____X___Pressure Maintenance _____Disposal _____Storage
Application qualifies for administrative approval? ____X_____Yes _____No

II. OPERATOR: _____Chevron U.S.A. Inc._____

ADDRESS: _____15 Smith Road Midland, TX 79705_____

CONTACT PARTY: _____Mike Reeves_____PHONE: __432-687-7114_

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? _____X___Yes _____No
If yes, give the Division order number authorizing the project: ___R-5330-A/B/C/D/E_____

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.

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.

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.).

*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.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*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.

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.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

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: _____Mike Reeves_____TITLE: ___Engineering Tech_____

SIGNATURE:  DATE: ___5-23-05_____

E-MAIL ADDRESS: _____mreeves@chevrontexaco.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: R-5530,8-17-77;5530-A,6-21-78;5530-B,8-30-78;5530-C,9-23-81;5530-D,3-16-83;5530-E,4-30-97;PMX-86,5-6-80;PMX-121,11-17-82;PMX-178,1-31-95;PMX-179,4-4-95;PMX-200,3-16-0;PMX-211,12/00

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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.

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.

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.

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

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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
Chevron U.S.A, Inc. 15 Smith Road Midland, Texas 79705	4323
	[3] API Number

[4] Property Code	[5] Property Name	[6] Well No.
29923	Central Vacuum Unit	240

[9] Proposed Pool 1	[10] Proposed Pool 2
Vacuum Grayburg-San Andres	

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	17-S	34-E		256.5	South	2519.4	West	Lea

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	17-S	34-E		20.0	South	2520.0	West	Lea

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	I	Rotary	S	3991'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
N	4900'	San Andres	Nabors	June 10, 2005

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 6500 bbls Drilling Method:

Closed-Loop System ☐ Fresh Water ☒ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1550'	745 sxs	Surface
7-7/8"	5-1/2"	15.5#	4900'	1030 sxs	Surface

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Surface Casing
Lead Slurry: 545 sxs of 35:65 Poz "C" w/ 6% bentonite, 2% $CaCl_2$, ¼ pps celloflake mixed at 12.8 ppg, 1.88 cfs
Tail Slurry: 200 sxs of "C" w/ 2% $CaCl_2$, ¼ pps celloflake mixed at 14.8 ppg, 1.34 cfs

Production Casing
Lead Slurry: 560 sxs of 35:65 Poz "C" w/ 6% bentonite, 5% salt, ¼ pps celloflake mixed at 12.5 ppg, 1.94 cfs.
Tail Slurry: 470 sxs of 50:50 Poz "C" w/ 2% bentonite, 5% salt, ¼ pps celloflake mixed at 14.2 ppg, 1.35 cfs

BOPE Program
see attached diagram

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Printed name: Travis Garza Travis Garza /DSP

Title: Drilling Engineer

E-mail Address: garzat@chevrontexaco.com

Date: April 7, 2005 Phone: (432) 687-7463

OIL CONSERVATION DIVISION	
Approved by:	
Title:	
Approval Date:	Expiration Date:
Conditions of Approval Attached ☐	

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

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
	62180	San Andres Vacuum Drinkard San Andres

4 Property Code	5 Property Name	6 Well Number
29923	Central Vacuum Unit	240

7 OGRID No.	8 Operator Name	9 Elevation
223851 4323	CHEVRON USA, INC.	3991'

10 Surface Location

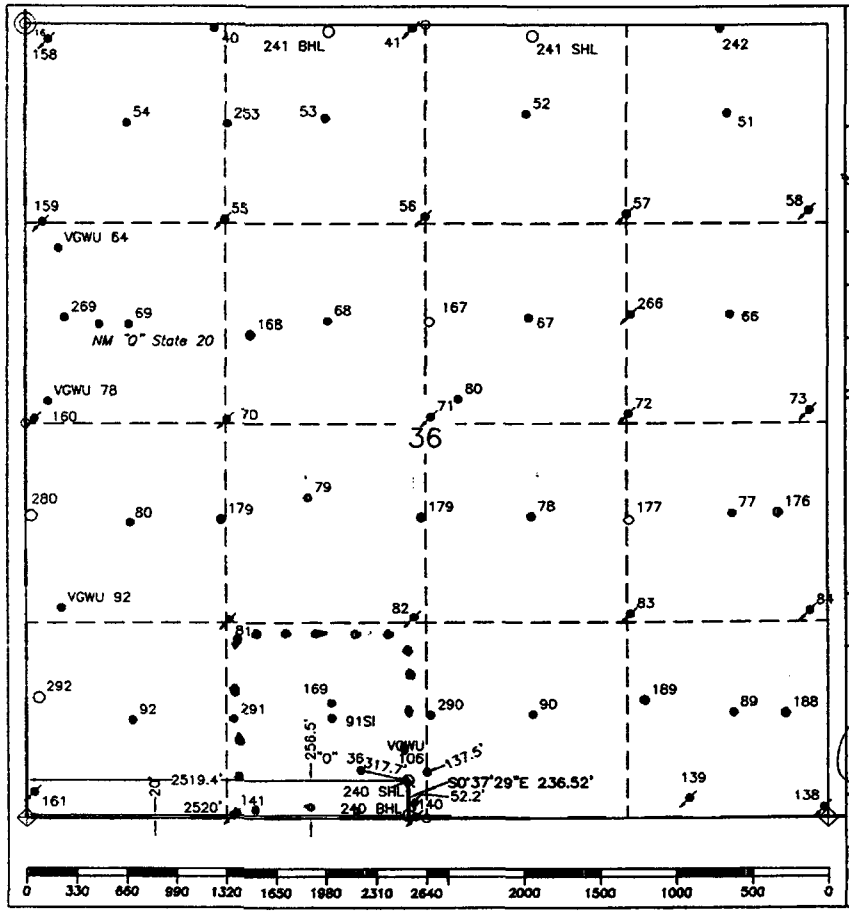
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	7 County
N	36	17-S	34-E		256.5'	South	2519.4'	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	7 County
N	36	17-S	34-E		20.0'	South	2520'	West	Lea

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



16 OPERATOR CERTIFICATION

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

Signature: Ted Tipton

Printed Name: Ted Tipton

Position: Manager of Drilling Department

Company: Chevron USA, Inc.

Date: April 14, 2005

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: November 29, 2004

Signature & Seal of Professional Surveyor

Certificate No. 7254 John S. Piper

Sheet

○ = Staked Location ● = Producing Well ✗ = Injection Well ⟡ = Water Supply Well ✦ = Plugged & Abandon Well
◎ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. o = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates (1927NAD= 650204.06 SHL; 64960.18 BHL) Northing 650269.08 SHL; 650032.57 BHL	(1927NAD= 751838.70 SHL; 752041.87 BHL) Easting 793017.68 SHL; 793020.26 BHL
(1927NAD= 32°47'05.356" SHL; 32°47'02.927" BHL) Latitude 32°47'05.801" SHL; 32°47'03.460" BHL	(1927NAD= 103°30'50.010" SHL; 103°30'47.652" BHL) Longitude 103°30'51.799" SHL; 103°30'51.780" BHL

Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.9999816	Buckeye.cr5

Drawing File	Field Book
CVU_240.dwg	Lea Co. 23, Pg. 51

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Chevron U.S.A., Inc. Telephone: 432-687-7375 e-mail address: LEAKEJD@CHEVRONTEXACO.COM
Address: 15 Smith Road, Midland, Texas 79705
Facility or well name: Central Vacuum Unit #240 API #: _____ U/L or Qtr/Qtr N Sec 36 T 17-S R 35-E
County: Lea Latitude 32°47'05.801" Longitude 103°30'51.799" NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 6500 bbl	Volume: ____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
	Ranking Score (Total Points)	0 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described 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 ☐.**

Date: April 7, 2005
Printed Name/Title Travis Garza/Drilling Engineer Signature Travis Garza / DDP

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title _____ Signature _____ Date: _____

CVU 240

API # 30-025-?????

SHL - 256.5' FSL & 2519.4' FWL
SEC 36, TWN 17-S, Range 34-E, Unit Letter 'N'
ELEVATION: 3991' GL, KB= DF= _____
County: Lea

BHL - 10' FSL & 2560' FWL
SEC 36, TWN 17-S, Range 34-E, Unit Letter 'O'

Proposed Wellbore

Surface Casing:
12-1/4" hole
8-5/8" csg - 24# J-55 set @**1550'**.
Cemented w/ 695 sx Class "C.

Production Casing:
7-7/8" hole
5-1/2" csg - 15.5#, J55 set @**4900'** cemented w/ 1000 sx class LW & 'C' cmt.

TOC @ Surface

Perforations:
4260'-4702': 4260, 63, 66, 73, 82, 86, 4304, 09, 18, 24, 30, 36, 94, 98
4453, 56, 69, 76, 83, 89, 93, 4504, 08, 12, 22, 28, 35, 40, 76, 81, 94, 99, 4610, 14, 19, 30, 34, 42, 48, 53, 60, 67, 77, 84, 91, 96, 4702.

INJECTION EQUIPMENT:
1- 5 1/2" LOKset inj pkr
2-3/8" NEW IPC Tbg.

PACKER SET @: ~**4200'**

Zones

Top	Depth	Interval
GB Marker		#VALUE!
GB Dol Top		#VALUE!
GB Dol Bott		#VALUE!
San Andres		#VALUE!
O/W		
LSA		
TOTAL		#VALUE!

-

COMMENTS AND RECOMMENDATIONS:

-

Chevron Texaco E+P Inc.
Central Vacuum Unit #240
Unit N, Sec. 36, T 17S, R 34E
256.5' FSL, 2519.4' FWL
Unit O, 36, 17S, R 34E
10' FSL, 2560' FEL
Lea County, New Mexico
Scale 1" = 2000'

VACUUM (GRBG-SA) UNIT
CHEVRON (OPER.)

CENTRAL VACUUM UNIT
CHEVRON (OP.)

VACUUM (ABO) UT
CONOCO PHILLIPS (OP.)

McGOWAN (OP.)

BECKY

Nadel E, Gussman
LG-2731

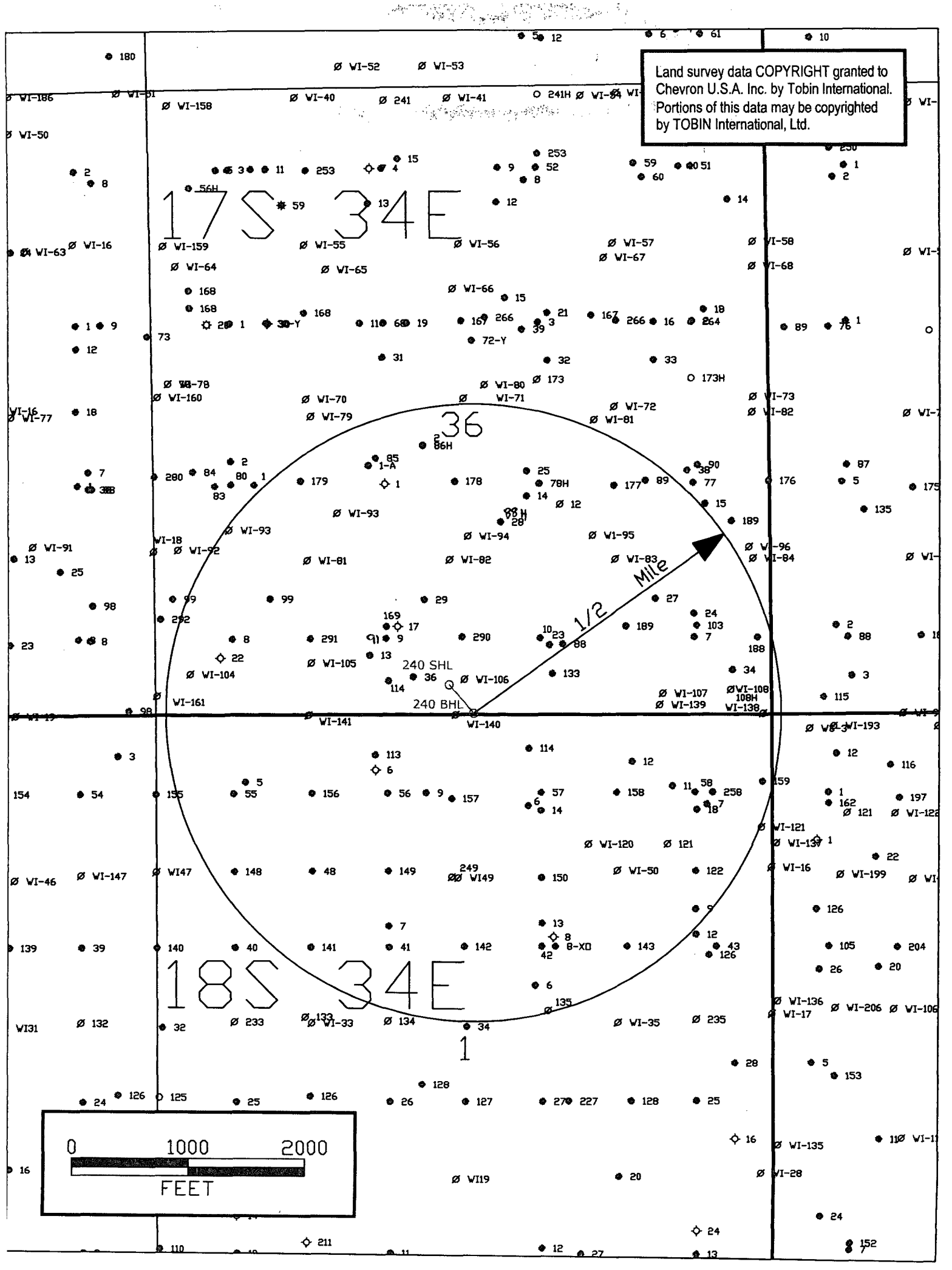
Nadel E, Gussman
LG-2730

Westn Oil Prod
V-5915

Echo Prod
8-1-2006
V-6312
225.00

Rossmussen

Crown Oil
6-1-2009

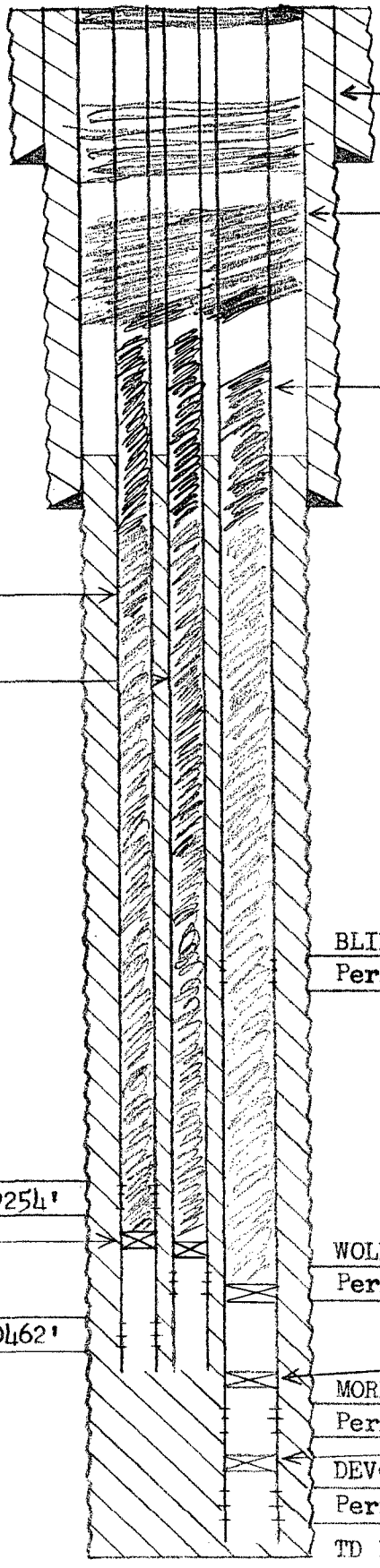

Land survey data COPYRIGHT granted to Chevron U.S.A. Inc. by Tobin International. Portions of this data may be copyrighted by TOBIN International, Ltd.
17S 34E
18S 34E
36
1
1/2 Mile
240 SHL
240 BHL
0
1000
2000
FEET

List of wells within CVU 240's Area of Review

Wells that were drilled, P&A'd or had a horizontal recompletion since 4-30-97 will be highlighted in green and have a wellbore diagram attached

api12	sidetr	well_name	well_num	current_opera	operator_name	drill_total_d	spud_date	chev_status_name	end_prod_date	chev_producing_method	end_inject_date	fluid_name	chev_class_name	wel_field_name	spot_location	survey_location	symbol_code
300250222800	0	STATE VB 1	1		AMERADA HES	2034	2/26/1938 00	UNKNOWN						VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	-
300250222900	0	STATE VB 1-A	1-A	CHEVRON U	AMERADA HES	4690	3/14/1938 00	PRODUCING	3/31/2005 00:0(	FL FLOWING		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	FL-OIL
300250224000	0	CENTRAL VACUUM UNIT 78	78	CHEVRON U	TEXACO EXPL&	4803	7/5/1938 00:(	PRODUCING	3/31/2005 00:0(	FL FLOWING		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	FL-OIL
300250224100	0	STATE-O NCT-1 7	7	CHEVRON U	TEXACO INCOR	4710	8/30/1938 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300250224200	0	STATE-O NCT-1 8	8	CHEVRON U	TEXACO INCOR	4710	8/30/1938 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300250224300	0	STATE-O NCT-1 9	9	CHEVRON U	TEXACO INCOR	4710	10/3/1938 00	PERMANENTLY AB	6/30/1986 00:0(	HP HOLE PLUGGED, SURFACE CLEARED		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	HP-OIL
300250224400	0	STATE-O NCT-1 10	10	CHEVRON U	TEXACO INCOR	4710	9/6/1939 00:(	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300250224500	0	VACUUM (GBSA) UNIT 42	42	CHEVRON U	TEXACO INCOR	4690	9/18/1937 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300250224600	0	VACUUM GRBG-SADR UN 58	58	CHEVRON U	TEXACO INCOR	4710	10/18/1938 0	TEMPORARILY AB/	3/31/1999 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300250224800	0	VACUUM GRBG-SADR UN 57	57	CHEVRON U	TEXACO INCOR	4710	1/13/1940 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300250224900	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 41	41	CHEVRON U	TEXACO EXPL&	4710	12/4/1937 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300250225000	0	VACUUM GRBG-SADR UN 55	55	CHEVRON U	TEXACO INCOR	4710	10/9/1939 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300250225100	0	VACUUM GRBG-SADR UN 56	56	CHEVRON U	TEXACO INCOR	4710	3/17/1940 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300252000800	0	STATE OF N ME NCT-1 14	14	CHEVRON U	TEXACO INCOR	12154	2/11/1963 00	P&A	7/31/2001 00:0(	ZA ZONE/POOL ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	ZA-OIL
300252004600	0	NEW MEXICO `O` STATE (NCT-1) 13	13	CHEVRON U	TEXACO INCOR	6853	1/16/1963 00	P&A	11/30/1995 00:(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300252012500	0	NEW MEXICO `O` STATE NCT-1 17	17	CHEVRON U	TEXACO EXPL&	12082	3/14/1963 00	P&A		ZA ZONE/POOL ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	ZA-OIL
300252017900	0	STATE VB 2	2	CHEVRON U	AMERADA HES	6850	6/4/1963 00:(	TEMPORARILY AB/	6/30/1997 00:0(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300252017901	1	VAC GLORIETTA WEST 86H	86H	CHEVRON U	TEXACO	0		PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL		SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300252023601	1	VACUUM GLORIETA WEST UNIT 85	85	CHEVRON U	TEXACO EXPL&	7062	4/23/2001 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300252023700	0	STATE OF N MEO NCT1 23	23	CHEVRON U	TEXACO INCOR	6800	10/31/1963 0	ZONE/POOL ABANI	2/28/1999 00:0(	ZA ZONE/POOL ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	ZA-OIL
300252031900	0	STATE OF N MEO NCT1 22	22	CHEVRON U	TEXACO INCOR	6794	10/15/1963 0	PERMANENTLY ABANDONED		HA HOLE ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	HA-OIL
300252033901	1	VACUUM (GLORIETA) WEST UNIT 103	103	CHEVRON U	TEXACO EXPL&	6145	1/3/1998 00:(	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 31 TWP: 17S Rng: 35E Mrdn: 23	PR-OIL
300252041800	0	STATE OF N ME NCT-1 12	12	CHEVRON U	TEXACO INCOR	6920	12/14/1962 0	PERMANENTLY ABANDONED		HP HOLE PLUGGED, SURFACE CLEARED		OIL	ABANDONED	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	HP-OIL
300252049400	0	NEW MEXICO `M` STATE 7	7	CHEVRON U	TEXACO EXPL&	12220	7/26/1963 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300252051400	0	NEW MEXICO `L` STATE 6	6	CHEVRON U	TEXACO INCOR	12255	4/23/1963 00	SHUT-IN	1/31/1992 00:0(	ZA ZONE/POOL ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	ZA-OIL
300252051500	0	STATE OF NEW ICO M 5	5	CHEVRON U	TEXACO INCOR	12215	6/13/1963 00	SHUT-IN		PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300252093700	0	NEW MEXICO`L`STATE 7	7	CHEVRON U	TEXACO INCOR	6750	3/3/1964 00:(	PERMANENTLY AB	4/30/1991 00:0(	HA HOLE ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	HA-OIL
300252093800	0	STATE OF NM L 8-XO	8-XO	CHEVRON U	TEXACO INCOR	6800	4/18/1964 00	UNKNOWN						VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	-
300252093900	0	STATE OF NM L 9	9	CHEVRON U	TEXACO INCOR	6850	10/21/1964 0	SHUT-IN	8/31/1994 00:0(	ZA ZONE/POOL ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	ZA-OIL
300252094000	0	STATE OF NM M 6	6	CHEVRON U	TEXACO INCOR	6800	3/16/1964 00	UNKNOWN						VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	-
300252094600	0	STATE OF NM O NCT1 24	24	CHEVRON U	TEXACO INCOR	10300	3/23/1964 00	PERMANENTLY ABANDONED		HA HOLE ABANDONED - GENERAL		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	HA-OIL
300252101300	0	STATE OF NEW MEXICO 8	8	CHEVRON U	TEXACO INCOR	1490	4/12/1964 00	UNKNOWN						VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	-
300252110700	0	VACUUM (GLORIETA) WEST UNIT 113	113	CHEVRON U	TEXACO EXPL&	6250	2/5/1965 00:(	TEMPORARILY AB/	10/31/1996 00:(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300252163700	0	STATE NCT1 O 25	25	CHEVRON U	TEXACO INCOR	10200	11/19/1965 0	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300252432200	0	VACUUM GRBG-SADR UN 48	48	CHEVRON U	TEXACO INCOR	4800	1/23/1973 00	INJECTING	12/31/1982 00:(	UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300252432900	0	VACUUM GRBG-SADR UN WI49	WI49	CHEVRON U	TEXACO INCOR	4800	2/3/1973 00:(	SHUT-IN		UN UNKNOWN	4/30/1999 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300252436600	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT WI-50	WI-50	CHEVRON U	TEXACO EXPL&	4800	2/19/1973 00	INJECTING	3/31/1983 00:0(	UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300252570800	0	CENTRAL VACUUM UNIT WI-81	WI-81	CHEVRON U	TEXACO INCOR	4880	3/3/1979 00:(	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252573000	0	CENTRAL VACUUM U WI-82	WI-82	CHEVRON U	TEXACO INCOR	4800	1/29/1978 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252573100	0	CENTRAL VACUUM UNIT WI-83	WI-83	CHEVRON U	TEXACO INCOR	4800	5/6/1978 00:(	INJECTING		UN UNKNOWN	2/28/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252599900	0	CENTRAL VACUUM U WI-138	WI-138	CHEVRON U	TEXACO INCOR	4800	11/28/1978 0	INJECTING		UN UNKNOWN	2/28/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252600000	0	CENTRAL VACUUM U WI-140	WI-140	CHEVRON U	TEXACO INCOR	4800	12/15/1978 0	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252600100	0	CENTRAL VACUUM U WI-141	WI-141	CHEVRON U	TEXACO INCOR	4800	11/30/1978 0	INJECTING		UN UNKNOWN	2/28/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252607800	0	CENTRAL VACUUM U WI-139	WI-139	CHEVRON U	TEXACO INCOR	4844	1/6/1979 00:(	INJECTING		UN UNKNOWN	2/28/2005 00:00	WATER	WATER ALTERNATIN	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300252976500	0	CENTRAL VACUUM UNIT 169	169	CHEVRON U	TEXACO PROD	4710	11/8/1986 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300252991900	0	VACUUM GLORIETA WEST UNIT 99	99	CHEVRON U	TEXACO PROD	6180	7/9/1987 00:(	TEMPORARILY AB/	2/28/1999 00:0(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300253012600	0	NEW MEXICO `O` STATE NCT-1 27	27	CHEVRON U	TEXACO PROD	6290	11/6/1987 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253020600	0	NEW MEXICO `O` STATE NCT-1 28	28	CHEVRON U	TEXACO PROD	6275	2/14/1988 00	PERMANENTLY AB/	9/30/1997 00:0(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300253020601	1	VACUUM (GLORIETA) WEST UNIT 88	88	CHEVRON U	TEXACO EXPL&	7062	9/24/1997 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253047600	0	NEW MEXICO `O` STATE NCT-1 29	29	CHEVRON U	TEXACO PROD	6270	3/30/1989 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253071700	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 157	157	CHEVRON U	TEXACO PROD	5000	6/27/1990 00	TEMPORARILY AB/	10/31/2002 00:(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253071800	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 158	158	CHEVRON U	TEXACO PROD	5000	6/11/1990 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253072100	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 122	122	CHEVRON U	TEXACO EXPL&	5000	5/22/1990 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253079700	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 141	141	CHEVRON U	TEXACO PROD	6004	4/7/1990 00:(	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253079900	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 148	148	CHEVRON U	TEXACO PROD	5000	5/14/1990 00	INJECTING	11/30/1990 00:(	UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300253084300	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 142	142	CHEVRON U	TEXACO PROD	5000	9/6/1990 00:(	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253084400	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 143	143	CHEVRON U	TEXACO PROD	5000	8/21/1990 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253084700	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 149	149	CHEVRON U	TEXACO PROD	5000	9/21/1990 00	INJECTING	4/30/1991 00:0(	UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300253085100	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 156	156	CHEVRON U	TEXACO PROD	5000	10/9/1990 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253091700	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 150	150	CHEVRON U	TEXACO PROD	5000	8/3/1990 00:(	INJECTING	2/29/1992 00:0(	UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300253113100	0	NEW MEXICO `L` STATE 11	11	CHEVRON U	TEXACO EXPL&	6300	3/28/1991 00	TEMPORARILY AB/	11/30/1997 00:(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-OIL
300253113200	0	VACUUM (GLORIETA) WEST UNIT 114	114	CHEVRON U	TEXACO EXPL&	6300	4/18/1991 00	TEMPORARILY AB/	11/30/1997 00:(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-OIL
300253113201	1	VACUUM (GLORIETA) WEST UNIT 114	114	CHEVRON U	TEXACO EXPL&	7471	11/15/1997 0	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253119500	0	CENTRAL VACUUM UNIT 291	291	CHEVRON U	TEXACO EXPL&	4850	6/19/1991 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253119700	0	CENTRAL VACUUM UNIT 290	290	CHEVRON U	TEXACO EXPL&	4850	5/29/1991 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253181000	0	WEST VACUUM (GLORIETA) UNIT WI-93	WI-93	CHEVRON U	TEXACO EXPL&	6268	1/16/1993 00	TEMPORARILY ABANDONED		UN UNKNOWN	3/31/1999 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253181001	1	VACUUM (GLORIETA) WEST UNIT WI-93	WI-93	CHEVRON U	TEXACO EXPL&	6803	2/26/1999 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	BOTTOM HOLE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253184100	0	WEST VACUUM (GLORIETA) UNIT WI-94	WI-94	CHEVRON U	TEXACO EXPL&	6280	1/27/1993 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253184300	0	WEST VACUUM (GLORIETA) UNIT W1-95	W1-95	CHEVRON U	TEXACO EXPL&	6283	2/15/1993 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253185800	0	WEST VACUUM (GLORIETA) UNIT WI-104	WI-104	CHEVRON U	TEXACO EXPL&	6245	3/22/1993 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253185900	0	WEST VACUUM (GLORIETA) UNIT WI-120	WI-120	CHEVRON U	TEXACO EXPL&	6321	6/30/1993 00	TEMPORARILY ABANDONED		UN UNKNOWN	10/31/2003 00:0	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300253187400	0	WEST VACUUM (GLORIETA) UNIT WI-106	WI-106	CHEVRON U	TEXACO EXPL&	6280	5/5/1993 00:(	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253187500	0	WEST VACUUM (GLORIETA) UNIT WI-108	WI-108	CHEVRON U	TEXACO EXPL&	6325	5/31/1993 00	PERMANENTLY ABANDONED		UN UNKNOWN	1/31/2001 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253187501	1	VAC GLORIETTA WEST 108H	108H	CHEVRON U	TEXACO	0		INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION		SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253188000	0	WEST VACUUM (GLORIETA) UNIT WI-105	WI-105	CHEVRON U	TEXACO EXPL&	6231	4/24/1993 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253188400	0	WEST VACUUM (GLORIETA) UNIT WI-107	WI-107	CHEVRON U	TEXACO EXPL&	6390	5/14/1993 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-WATER
300253199201	1	NEW MEXICO `L` STATE 12	12	CHEVRON U	TEXACO EXPL&	9273	4/21/1999 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL

300253200700	0	NEW MEXICO `L` STATE 13	13	CHEVRON U TEXACO EXPL&	7990	9/16/1993 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253200800	0	NEW MEXICO `L` STATE 14	14	CHEVRON U TEXACO EXPL&	7950	10/4/1993 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253200900	0	VACUUM (GRAYBURG-SAN ANDRES) UNIT 258	258	CHEVRON U TEXACO EXPL&	7950	8/27/1993 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253201600	0	NEW MEXICO `M` STATE 9	9	CHEVRON U TEXACO EXPL&	8100	1/25/1994 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253227100	0	NEW MEXICO `O` STATE NCT-1 34	34	CHEVRON U TEXACO EXPL&	8000	12/5/1993 00	SHUT-IN	2/28/1997 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PR-OIL
300253233800	0	VACUUM (GLORIETA) WEST UNIT 133	133	CHEVRON U TEXACO EXPL&	8100	2/28/1994 00	TEMPORARILY AB/	4/30/2000 00:0(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300253233801	1	VACUUM (GLORIETA) WEST UNIT 133	133	CHEVRON U TEXACO EXPL&	6895	4/6/2000 00:(	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253233900	0	NEW MEXICO `O` STATE NCT-1 36	36	CHEVRON U TEXACO EXPL&	8100	2/9/1994 00:(	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PR-OIL
300253330100	0	NEW MEXICO `L` STATE 18	18	CHEVRON U CHEVRON U S /	11500	4/17/1996 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PR-OIL
300253333000	0	CENTRAL VACUUM UNIT 188	188	CHEVRON U TEXACO EXPL&	4850	5/18/1996 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253333200	0	CENTRAL VACUUM UNIT 178	178	CHEVRON U TEXACO EXPL&	4850	4/13/1996 00	PRODUCING	3/31/2005 00:0(	FL FLOWING		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	FL-OIL
300253333300	0	CENTRAL VACUUM UNIT 179	179	CHEVRON U TEXACO EXPL&	4850	4/3/1996 00:(	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PS-OIL
300253333400	0	CENTRAL VACUUM UNIT 189	189	CHEVRON U TEXACO EXPL&	4850	4/23/1996 00	PRODUCING	3/31/2005 00:0(	PR PUMPING, ROD		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	PR-OIL
300253342900	0	VACUUM (GLORIETA) WEST UNIT 89	89	CHEVRON U TEXACO EXPL&	6300	6/5/1996 00:(	TEMPORARILY AB/	11/30/1997 00:(	UN UNKNOWN		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	UN-OIL
300253346400	0	VACUUM (GBSA) UNIT 159	159	CHEVRON U TEXACO EXPL&	4850	6/16/1996 00	PRODUCING	3/31/2005 00:0(	PS PUMPING, SUBMERSIBLE		OIL	OIL WELL	VACUUM	BOTTOM HOLE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	PS-OIL
300253371200	0	CENTRAL VACUUM UNIT 177	177	CHEVRON U TEXACO EXPL&	4850	12/19/1996 0	PRODUCING	3/31/2005 00:0(	FL FLOWING		OIL	OIL WELL	VACUUM	SURFACE	Sect: 36 TWP: 17S Rng: 34E Mrdn: 23	FL-OIL
300253556100	0	VACUUM GRAYBURG SAN ANDRES UNIT 135	135	CHEVRON U TEXACO EXPL&	4800	7/16/2001 00	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER
300253556300	0	VACUUM GRAYBURG SAN ANDRES UNIT 249	249	CHEVRON U TEXACO EXPL&	4804	7/3/2001 00:(	INJECTING		UN UNKNOWN	3/31/2005 00:00	WATER	WATER INJECTION	VACUUM	SURFACE	Sect: 1 TWP: 18S Rng: 34E Mrdn: 23	UN-WATER



16" & 13-3/8" csg. set at 1593'.
Cemented with 1200 sacks. Cmt. circ.

11" & 9-5/8" csg. set at 4825'.
Cemented with 1700 sacks. Cmt. circ.

3-1/2" csg. set at 12152'.

2-7/8" csg. set at 10818'.

2-7/8" csg. set at 10818'.

BLINEBRY
Perf: 6649'-6682'

ABO
Perf: 9170'-9254'

Bridge Plug at 9295'.

WOLFCAMP
Perf: 9954'-10036'

PENN
Perf: 10344'-10462'
Squeezed

BRIDGE PLUG AT 11100'.

MORROW
Perf: 11202'-11270'

BRIDGE PLUG AT 11790'.

DEVONIAN
Perf: 12114'-12135'

TD 12154'

Present Completion — P+A'd 11-7-01

Chevron TEXACO ~~Inc~~.

~~N.M. "O" STATE (NCT-1) NO. 11~~

VACUUM (BLINEBRY, ABO NORTH & WOLFCAMP) POOLS
LEA COUNTY, NEW MEXICO

30-025-20008

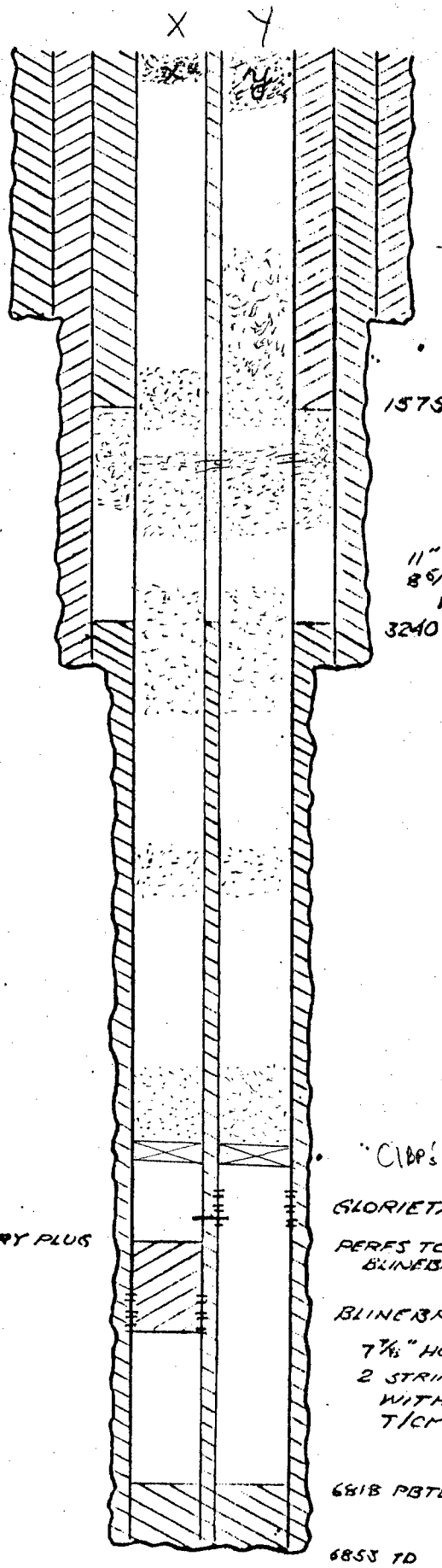
~~JBS 3-18-77~~
Revised 12/3/04 - MTR

NM '0 13 → Vacuum Glorieta West Unit #130

FIGURE

API # 30-025-20046

P&A'd 5-29-98



15" HOLE TO 1550'.
11¾" 42# CSG SET AT 1550'.
WITH 900 SACKS CEMENT.

1575'

11" HOLE TO 3374'.
8⅝" 24# CSG SET AT 3374'.
WITH 500 SACKS CEMENT.

3240'

CIBP's @ 5875'

GLORIETA PERFS: 5907 - 6131

PERFS TO COMMUNICATE GLORIETA WITH BLINEBRY STRING: 6115 - 6119

TOP OF BLINEBRY PLUG AT 6170

BLINEBRY PERFS: 6246 - 6477 (SQUEEZED)

7⅞" HOLE TO 6853'.
2 STRINGS 2⅞" 6.4# CSG SET AT 6850'
WITH 1200 SACKS CEMENT.
T/CMT AT 3240 BY TEMP. SURVEY

6818 PBTD

6853 TD

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. 30-025-20046

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. B-155

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.)

7. Lease Name or Unit Agreement Name: Vacuum Glorieta West Unit

1. Type of Well: OIL WELL [ ] GAS WELL [ ] OTHER Condensate

2. Name of Operator: Texaco E & P Inc.

8. Well No. 130

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

9. Pool name or Wildcat: Vacuum Glorieta

4. Well Location
Unit Letter N : 519 Feet From The south Line and 1839 Feet From The west Line
Section 36 Township 17-S Range 34-E NMPM Lea County

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

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	[X]
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.

3/13/98 Attempt to CIRC "Y" string w/mud laiden fluid, spot 20 sx cmt. @6218', WOC, no tag, spot 20 sx cmt. @6218', WOC
3/16/98 No tag
3/18/98 Set CIBP in "Y" string at @5875', set CIBP in "X" string at @5875', CIRC hole w/mud laiden fluid in "X" string, spot 15 sx cmt. @5875' to 5266'
3/23/98 Spot 10 sx cmt @4341' to 3935', spot 10 sx cmt. @3447' to @3041', spot 10 sx cmt. @2809' to 2403'
3/24/98 Spot 10 sx cmt. @1755' to @1349', spot 3 sx cmt. @32' to surf., moved to "Y" string, CIRC hole w/mud laiden fluid
3/25/98 Spot 15 sx cmt @5875' to @5266', spot 10 sx cmt. @4341' to 3935', spot 10 sx cmt @3447' to 3041', spot 10 sx cmt. @2809' to 2403', spot 10 sx cmt. @1755' to 1349', spot 3 sx cmt. @32' to surf.

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

SIGNATURE Russ Light TITLE Div. Manager DATE 4-3-98

TYPE OR PRINT NAME Russ Light TELEPHONE NO.

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-20046

5 Indicate Type of Lease STATE X FEE

6 State Oil & Gas Lease No.
B-155

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.)

7 Lease Name or Unit Agreement Name
Vacuum Glorieta West Unit

1 Type of Well:
OIL WELL GAS WELL OTHER Condensate

2 Name of Operator
Texaco E & P Inc.

8 Well No.
130

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

9 Pool name or Wildcat
Vacuum Glorieta

4 Well Location
Unit Letter N : 519 Feet From The South Line and 1839 Feet From The West Line

Section 36 Township 17-S Range 34-E NMPM Lea County

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

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 ANBANDONMENT X
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.

5-14-98 Notify OCD of intent to re-plug well
5-20-98 Drill cement out of "Y" string from 34' to 576' to1220' to 1759'
5-25-98 Perf 4 holes @ 2293', Sqz 50 sx cement WOC & tag @ 2133'
Spot 10 sx cement from 1752' to 1346'
5-26-98 Perf 4 holes @ 30' & circulate 30 sx cement to surface
5-27-98 Drill cement out 2 7/8" csg from surface to 30' ,csg parted, cleanout/dril to 1498'
5-28-98 Spot 60 sx cement @ 1498', WOC & tag @ 1198
5-28-98 Spot 25 sx cement @ 62' to surface
5-29-98 Cut off well head, install dry hole marker, clean location

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

SIGNATURE Wayne Brooks TITLE Operations Supervisor DATE 06-02-98

TYPE OR PRINT NAME N. Wayne Brooks TELEPHONE NO. (915) 683-5321

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DATE

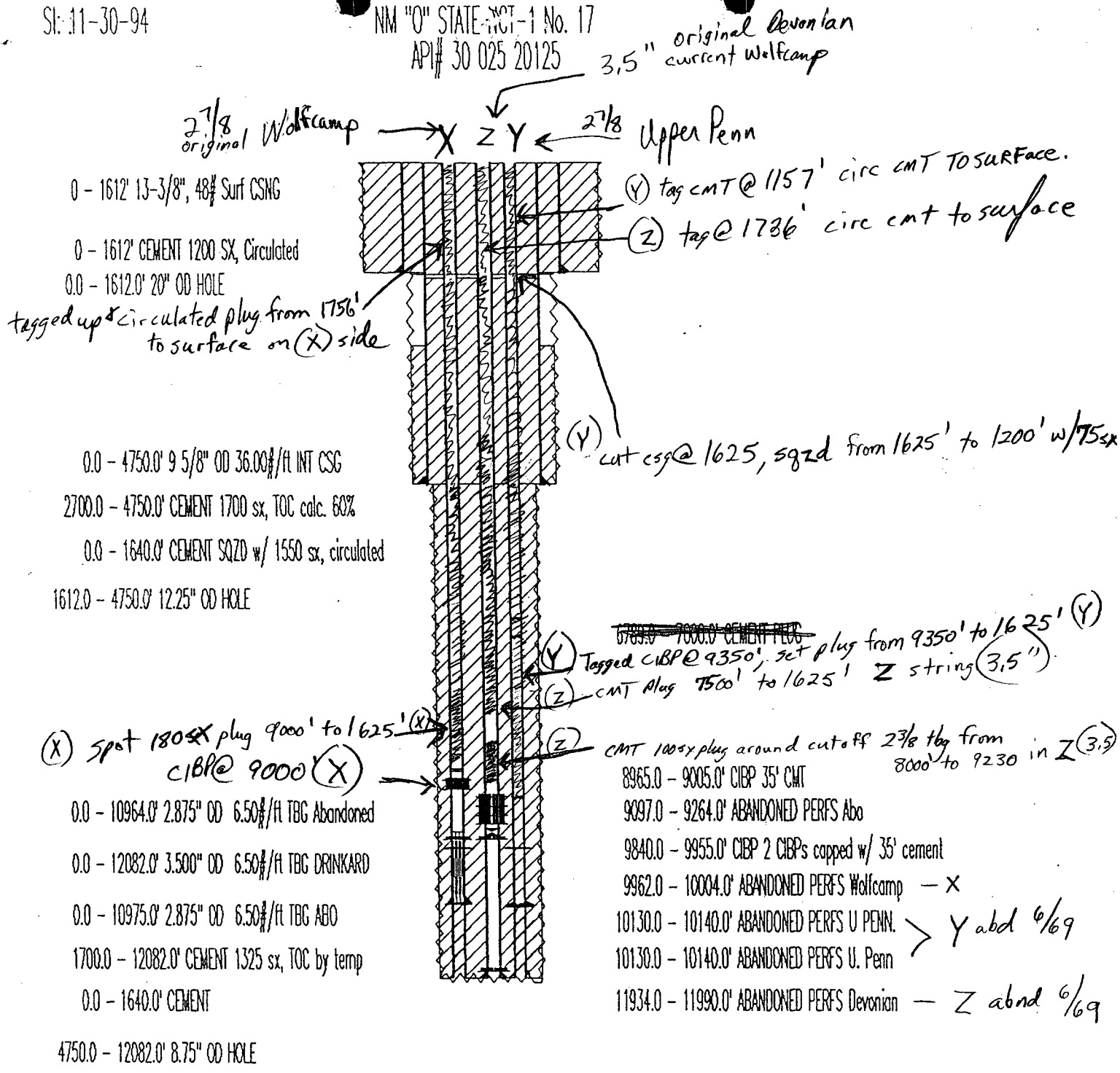
CONDITIONS OF APPROVAL, IF ANY:

W

1

SI: 11-30-94

TEXACO E&P INC.
NM "O" STATE NCT-1 No. 17
API# 30 025 20125



760 FSL & 2080 FWL
SEC 36, TWN 17 S, RANGE 34 E
ELEVATION: 3997 GL
COMPLETION DATE: 6-22-63
COMPLETION INTERVALS: 9097 - 9224 (Abo)
9341 - 9787 (Wolfcamp)

CURRENT
WELLBORE DIAGRAM

Created:	9/12/2002	**By:** MCD					
Updated:		**By:**					
Lease:	Vacuum Glorieta West Unit	**Well No.:**	86H	**Field:**	Vacuum Glorieta		
Surface Location:	2310' FSL & 2310' FWL	**Unit Ltr:**	K	**Sec:**	36	**TSHP/Range:**	17S-34E
Bottomhole Location:	1319' FSL & 2055' FEL	**Unit Ltr:**	N	**Sec:**	36	**TSHP/Range:**	17S-34E
County:	Lea **St:** NM	**St Lease:**		**API:**	30-025-20179	**Cost Center:**	UCT492400
Current Status:	Active Oil Well	**Elevation:**	4000' GR				
Directions to Wellsite:	Buckeye, New Mexico						

Surface Csg.

Size:	8 5/8"
Wt.:	24#
Set @:	1538'
Sxs cmt:	1175
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Production Csg.

Size:	5 1/2"
Wt.:	15.5#
Set @:	6850'
Sxs Cmt:	900
Circ:	Yes
TOC:	2610'
Hole Size:	7 7/8"

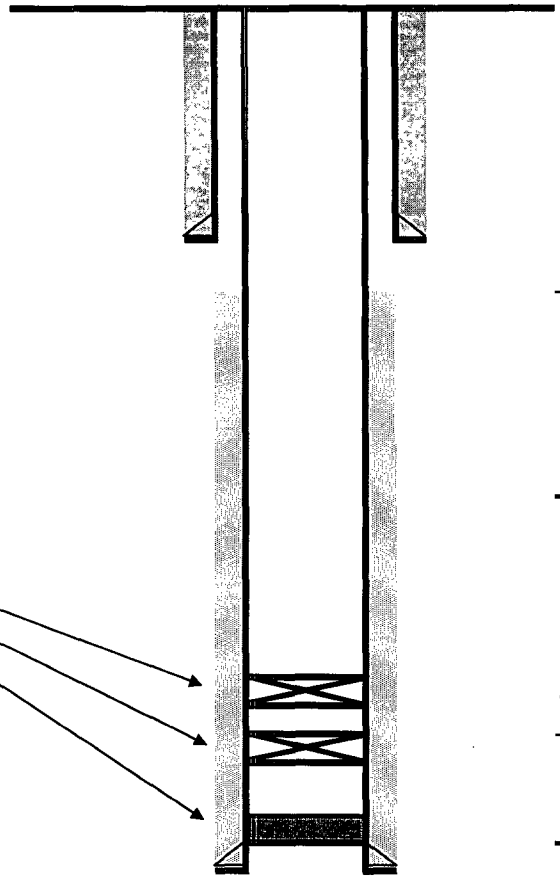
Top of Horizontal Window:	5808'
Bot of Horizontal Window:	5821'
Horizontal TD:	6918', 4 3/4" Hole
Horizontal Drilling Interval:	5808'-6918'
PBTD (CIBP):	5833'
PBTD	6100'
PBTD (cement plug)	6806'
Original TD:	6850'

Perforations

Open Hole Completion in Horizontal Section

Glorieta (abandoned)	5930'-6012'
Blinebry (abandoned)	6595'-6760'

Originally drilled as a dually completed well in the Blinebry and Glorieta zones



TD: 6850'

KB:	4011'
DF:	4009'
GL:	4000'
Original Spud Date:	6/4/1963
Original Compl. Date:	7/2/1963
Horizontal Spud Date:	7/11/1997
Horizontal Compl. Date:	8/24/1997

Tubing Detail **Date:**

# Jts.	Size	Footage
	2 7/8" J55 bare cl. 'B'	
	2 7/8" Drain Valve	
	2 7/8" N-80 bare cl. "B" Sub	
	2 7/8" Check Valve	
	2 7/8" N-80 bare cl. "B" Sub	
	Pump	
	Pump	
	Gas Separator	
	Pump Intake	
	Seals	
	Motor	
	PSI	
	EOT	

Rod Detail **Date:**

# Rods	Size	Footage
		0.00

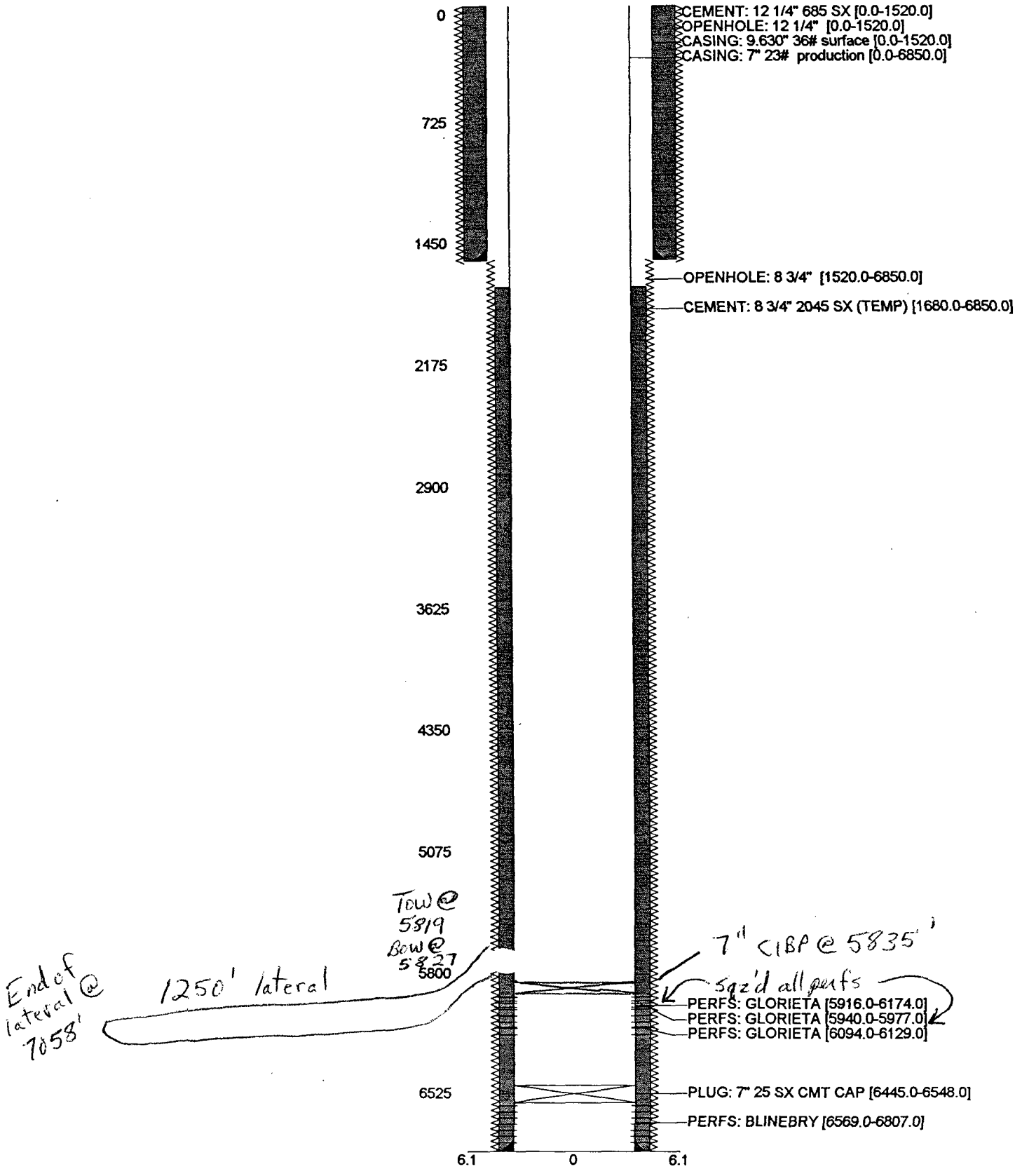
Pump Detail **Date:**

Barrel:
Plunger:
Pump: Total Fit
Seats:

Remarks: See Failure History:

Vacuum Glorieta West Unit #85H
Name: 85 ID: 3002520236 Type: Oil Date: ~~12/19/00~~ 3/30/05 MTR

Vacuum Glorieta West Unit #85H
30-025-20236



CURRENT
WELLBORE DIAGRAM

P&A 'd 12-11-2001

Vacuum Glorieta West Unit #101

LOCATION

State	New Mexico
County	Lea
Surface Location	600 FSL 1900 FEL
	Sec 36, R-34E, T-17S
	Ltr O

WELL ID INFORMATION

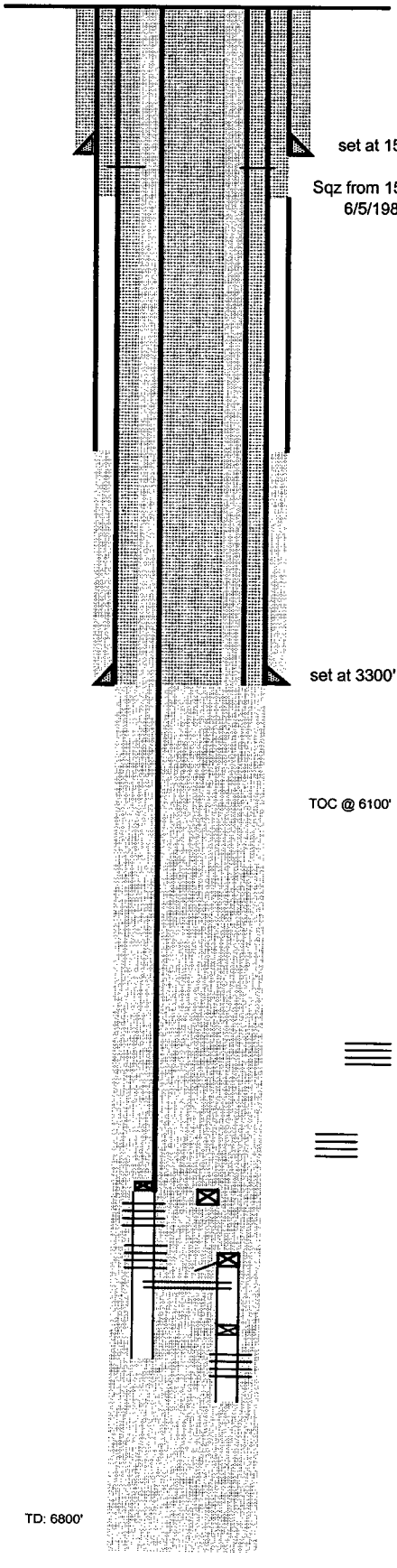
Lease Name	Vacuum Glorieta West Unit #101
Field	Vacuum
Reservoir	Glorieta, Blinebry
Ref #	FB3723
API #	30-025-20237

CASING DETAIL

Surface Csg.	
Size:	11/3/2004
Wt.:	11-3/4" 42# new 8 rd
Set @:	1520'
Sxs cmt:	800sx class "C" 4% gel & 200 C neat
TOC:	Surface
Hole Size:	15"
Production Csg.	
Size:	8-5/8"
Wt.:	24# & 32# J-55
Set @:	3300'
Sxs Cmt:	600sx class C
TOC:	2300' calc 33%
Hole Size:	10-5/8"

TUBING DETAIL

Sxs Cement:	1000sx
TOC:	3300' by CBL
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# 8R
Set @:	10150'
PBTD:	10119'



KB:	
DF:	4001'
GL:	3987'
Spud Date:	10/31/1963
Compl. Date:	11/21/1963

Perforations

Glorieta: 5926, 27, 28, 39, 40, 41
w/1 JSPF
later added 5966, 67, 75, 76, 77, 81, 93, 96, 99
6003, 19, 20, 24, 27, 31, 32, 33, 38, 66, 69, 75, 79, 6104

Blinebry: 6722, 23, 33, 34, 48, 49
w/ 1 JSPF

Commingle: 6140-6150

UPDATED BY: Mike Reeves
DATE: 12/7/2004

VGWU 101.xls

12/7/2004

30-025-20515

PLUGGING & ABANDONMENT WORKSHEET (1 STRING CSNG)

OPERATOR Texaco Exploration & Production

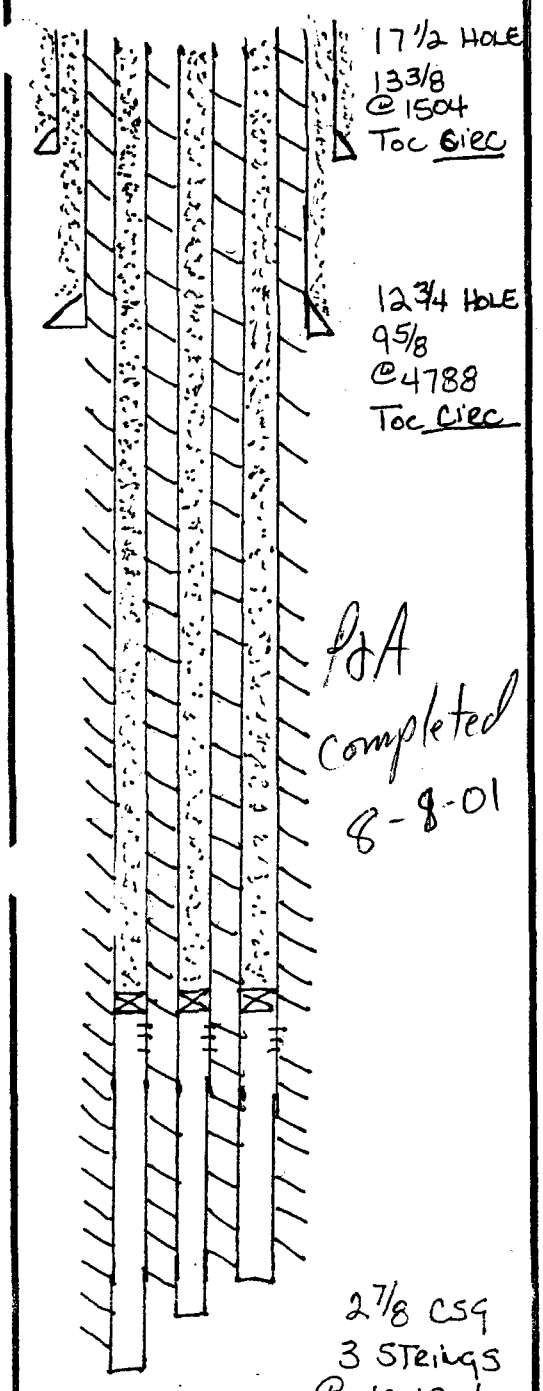
LEASENAME Vacuum Glorieta West Unit **WELL #** 112

SECT D TWN 18S RNG 34E

FROM 560 N/S L 760 E/W L

TD: 10191 FORMATION @ TD Vacuum

PBTD: FORMATION @ PBTD Glorieta



P&A completed 8-8-01

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	13 3/8	1504	SURF	Circ
INTMED 1	9 5/8	4788	SURF	Circ
INTMED 2	2 7/8	10,191	SURF	Circ
PROD	2 7/8	10,215	SURF	Circ

	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	2 7/8	9473	SURF	Circ	
LINER 2					

	CUT & PULL @		TOP - BOTTOM
INTMED 1		PERFS	-
INTMED 2		OPENHOLE	-
PROD			

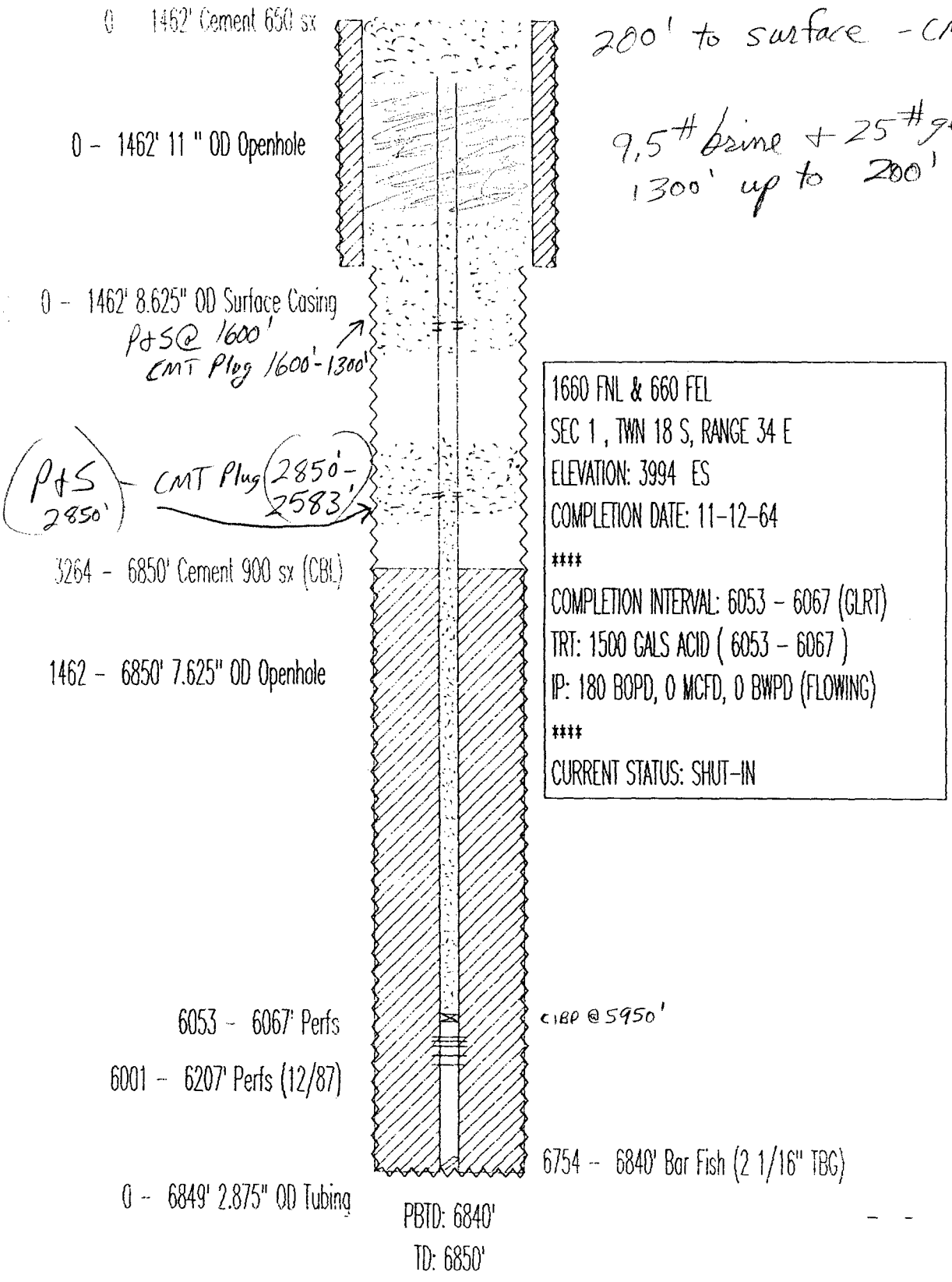
* *REQUIRED PLUGS DISTRICT I*

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

PLUG	TYPE PLUG	SACKS CMNT	DEPTH	
EXAMPLES				
PLUG #1	OH	35 SXS	1750'	
PLUG #2	SHOE	50 SXS	300'-400'	
PLUG #3	SURF	10 SXS	0-10'	
PLUG #1	CIBP	6075	6075 - SURF	Glorieta
PLUG #2	CIBP	6075	6075 - SURF	Glorieta
PLUG #3	CIBP	6075	6075 - SURF	Glorieta
PLUG #4				
PLUG #5				
PLUG #6				
PLUG #7				
PLUG #8				
PLUG #9				
PLUG #10				
PLUG #				
PLUG #				

VGW W #125
P&A'd 8-22-2000

TEXACO
NEW MEXICO L STATE NO. 9
API# 30025209390000



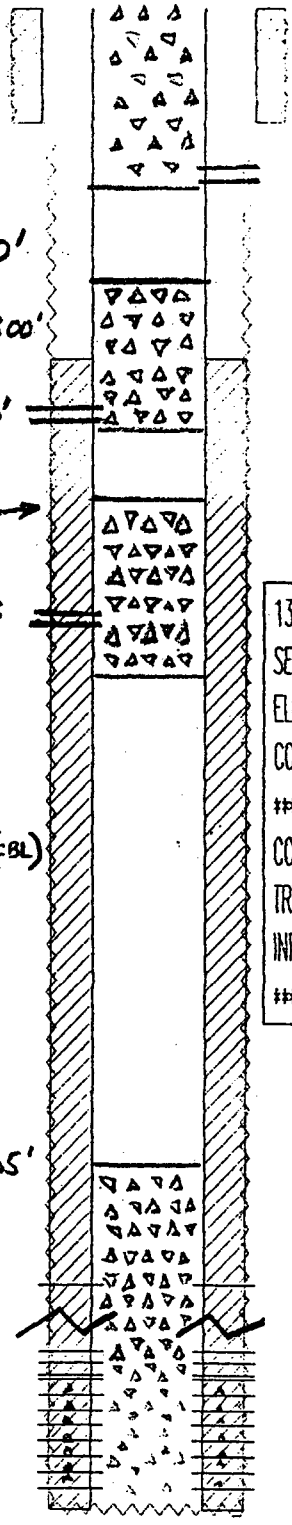
TEXACO INC
VACUUM GRBG-SADR UN NO. WI49
API# 3002524329000

P & A

0 - 358' Cement 300 sx circulated

0 - 358' 8.625" OD Surface Casing

0 - 358' 11" OD Openhole



SQUEEZE PERFS @ 425'
130 sks cl.c. squeezed through around to surface up Bradenhead. cement to surface inside casing

TOP of cement plug 1010'
60 sks (cl.c) cement squeezed into perfs @ 1300'

SQUEEZE PERFS @ 1300'

35 sk (cl.C) cement plug 2100-2465

SQUEEZE PERFS @ 2400'
HELD 2500 PSI
NMOCD notified

1111 - 4800' Cement 500 sx, TOC (CBL)

1390 FNL & 2580 FWL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 3991 GR
COMPLETION DATE: 02-16-73
####
COMPLETED AS INJECTOR 4373-4731
TRT: 6000 GAL 20% NEA
INITIAL RATE 500 BWPD @ 0 PSI
####

Updated 6/01

TOP of cement plug 3835'
(pumped plug of 175 sks class C below packer set @ 3686'

4065 - 4067' Squeeze Perfs TEST FOR CHANNEL, 150 SX
Parted casing @ 4200'
4284 - 4360' Perfs 1 SPF, 2/86
4373 - 4731' Perfs
358 - 4800' 7.875" OD Openhole

0 - 4800' 4.5" OD Production Casing

KB ELEV: 4001'
PBTD: 4778'
TD: 4800'

CURRENT WELLBORE DIAGRAM

Created:	8/19/2003	**By:** SMG/MCD					
Updated:	11/9/2004	**By:** GG					
Lease:	Vacuum Glorieta West Unit		**Well No.:**	88H	**Field:**	Vacuum Glorieta	
Surface Location:	1653' FSL & 2309' FEL		**Unit Ltr:**	J	**Sec:**	36	**TSHP/Range:** 17S-34E
Bottomhole Location:	600' FSL & 1787' FEL	Proposed, need to verify	**Unit Ltr:**	O	**Sec:**	36	**TSHP/Range:** 17S-34E
County:	Lea	**St:** NM	**St Lease:**	B-155	**API:**	30-025-30206	**Cost Center:** BCT492400
Current Status:	Active Oil Well		**Elevation:**	4006'			
Directions to Wellsite:	Buckeye, New Mexico						

Well was temporarily abandoned on 8/9/01 as shown on C-103 dated 8/15/01

Surface Csg.

Size:	16"
Wt.:	75#
Set @:	400'
Sxs cmt:	650
Circ:	Yes
TOC:	Surface
Hole Size:	20"

Intermediate Csg.

Size:	11 3/4"
Wt.:	42#
Set @:	1540'
Sxs Cmt:	1300
Circ:	Yes
TOC:	Surface
Hole Size:	14 3/4"

Intermediate Csg.

Size:	8 5/8"
Wt.:	32#
Set @:	4840'
Sxs Cmt:	1400
Circ:	Yes
TOC:	Surface
Hole Size:	11"

Production Csg.

Size:	5 1/2"
Wt.:	15.5#
Set @:	6275'
Sxs Cmt:	1100
Circ:	Yes
TOC:	Surface
Hole Size:	7 7/8"

PBTD:	5855'?
CIBP:	5890'?
Original Vertical TD:	6275'

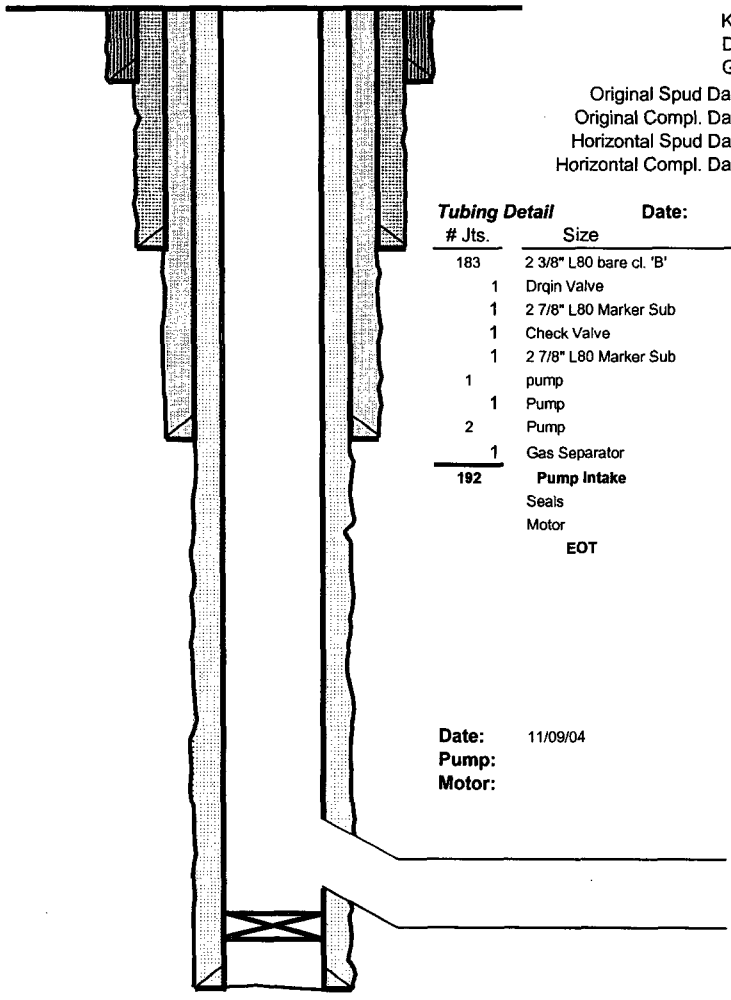
Perforations:

2 JSPF
14 intervals, 28 shots

6094'-6102', sqzd perfs
6116'-6120', sqzd perfs
6180'-6184', sqzd perfs

HORIZONTAL INFORMATION

Top of Horizontal Window:	5825'
Bot of Horizontal Window:	5832'
Horizontal Drilling Interval:	5826'-7062', Open Hole
Horizontal TD:	7062'
TMD:	7062'?
TVD:	5950'?
VS:	



Vertical TD: 6275'

KB: 4006'
DF: N/A
GL: N/A
Original Spud Date: 2/14/1988
Original Compl. Date: 3/25/1988
Horizontal Spud Date: 9/24/1997
Horizontal Compl. Date: 10/12/1997

Tubing Detail **Date:**

# Jts.	Size	Footage
183	2 3/8" L80 bare cl. 'B'	5683.93
1	Drqin Valve	0.53
1	2 7/8" L80 Marker Sub	6
1	Check Valve	0.55
1	2 7/8" L80 Marker Sub	4
1	pump	7.50
1	Pump	13.03
2	Pump	32.08
1	Gas Separator	4.46
192	**Pump Intake**	**5752.08**
	Seals	6.15
	Motor	35.9
	EOT	**5794.13**

Date: 11/09/04
Pump:
Motor:

Remarks:

CURRENT
WELLBORE DIAGRAM

Created:	3/23/2005	**By:** MTR					
Updated:		**By:**					
Lease:	Vacuum Glorieta West Unit		**Well No.:**	115H	**Field:**	Vacuum Glorieta	
Surface Location:	604' FNL & 856' FEL		**Unit Ltr:**	A	**Sec:** 1	**TSHP/Range:**	18S-34E
Bottomhole Location:	46' FSL & 443' FWL		**Unit Ltr:**	M	**Sec:** 31	**TSHP/Range:**	17S-35E
County:	Lea	**St:** NM	**St Lease:**	B-1733-1	**API:** 30-025-31131	**Cost Center:**	BCT492400
Current Status:	Active Oil Well		**Elevation:**	3986' GR			
Directions to Wellsite:	Buckeye, New Mexico						

Surface csg

Size:	11-3/4"	
Wt.:	42#	14-3/4" hole
Set @:	1550'	1400sx cmt.
Circ.	Circ 300 sx cmt	

Intermediate Casing

Size:	8-5/8"
Wt.:	32
Set @:	3000
Sxs cmt:	1050 (DV @ 1565')
Circ:	315 sx
TOC:	Surface
Hole Size:	11"

Production Casing

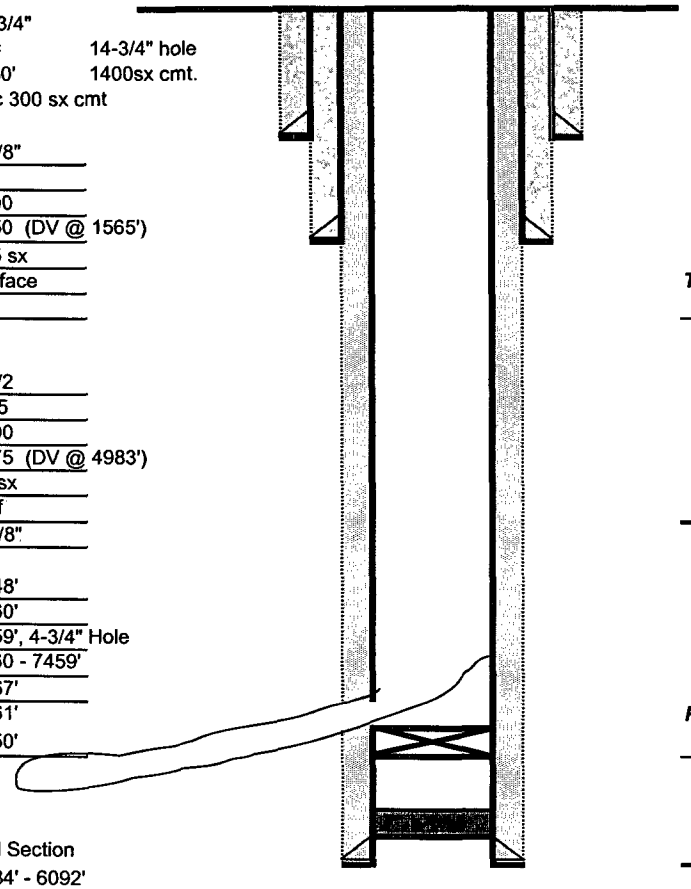
Size:	5 1/2
Wt.:	15.5
Set @:	6300
Sxs Cmt:	1375 (DV @ 4983')
Circ:	90 sx
TOC:	surf
Hole Size:	7-7/8"

Top of Horizontal Window:	5848'
Bot of Horizontal Window:	5860'
Horizontal TD:	7459', 4-3/4" Hole
Horizontal Drilling Interval:	5860 - 7459'
PBTD (Cement Retainer):	5867'
PBTD (cement plug)	5861'
Original TD:	6250'

Perforations

Open Hole Completion in Horizontal Section

Glorieta (abandoned/sqzd)	5984' - 6092'
Glorieta (abandoned/sqzd)	6145' - 6192'



KB: 4001'
DF:
GL: 3986'
Original Spud Date: 3/28/1991
Original Compl. Date: 6/11/1991
Horizontal Spud Date: 12/6/1997
Horizontal Compl. Date: 12/24/1997

Tubing Detail **Date:**

# Jts.	Size	Footage
170	2 7/8" J55 bare cl. 'B'	5651.00
	2 7/8" Drain Valve	0.60
	2 7/8" N-80 bare cl. "B"	33.85
	2 7/8" Check Valve	0.60
	2 7/8" L-80 bare cl. "B" Sub	6.10
	4.5" x 2-7/8" X-Over	0.70
	Pump	23.53
	Pump	23.53
	Pump	23.53
	Gas Separator	2.70
	Pump Intake	
	Seals	5.60
	Motor	32.15
	PSI	
	EOT	**5803.89**

Rod Detail

# Rods	Size	Footage
		0.00

Pump Detail

Barrel:
Plunger: **Date:**
Pump: Total Fit
Seats:

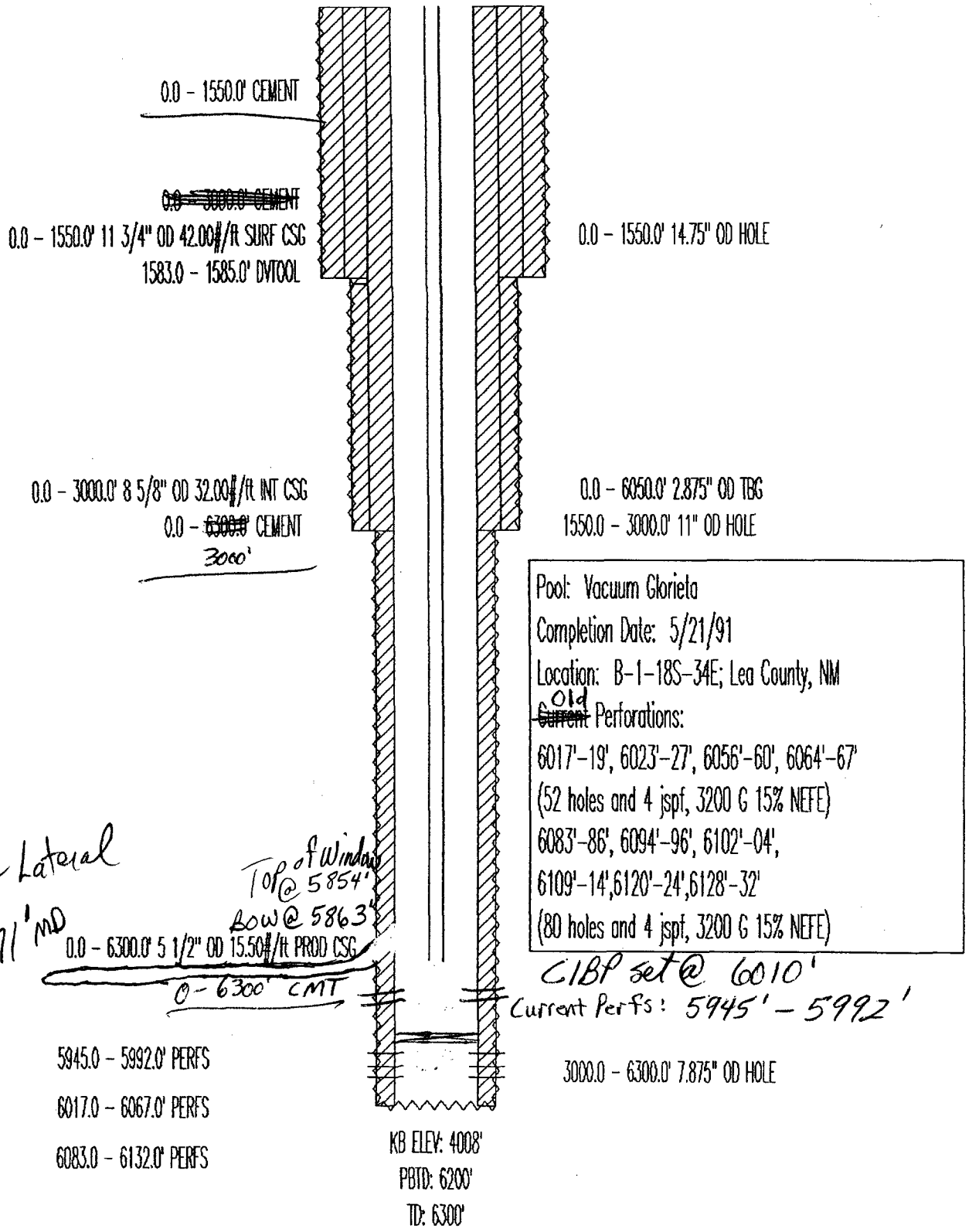
Remarks:

DJC

Vacuum Glorieta W. Unit 114
Current Completion

~~12-16-96~~
3/05 MTR

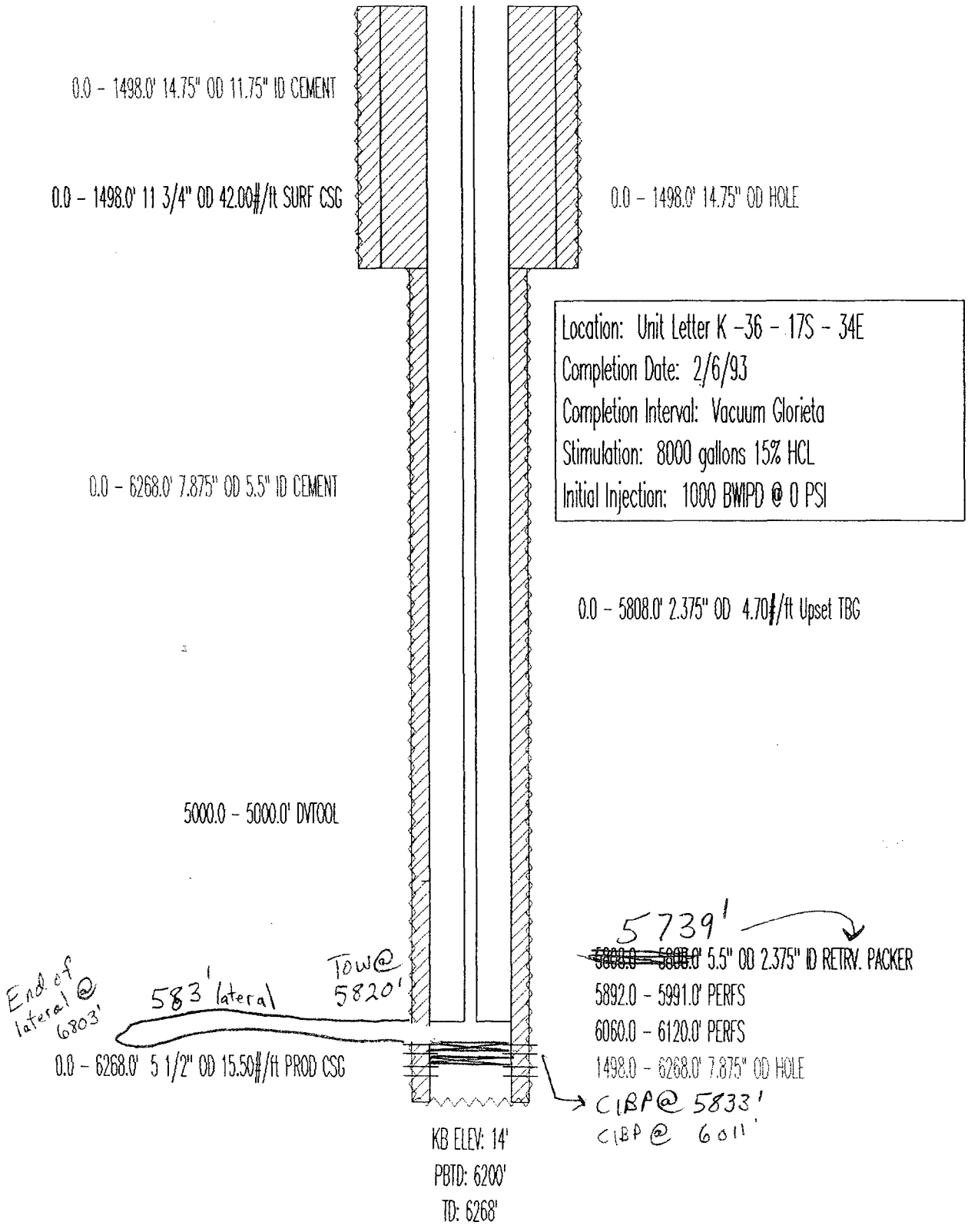
30-025-31132



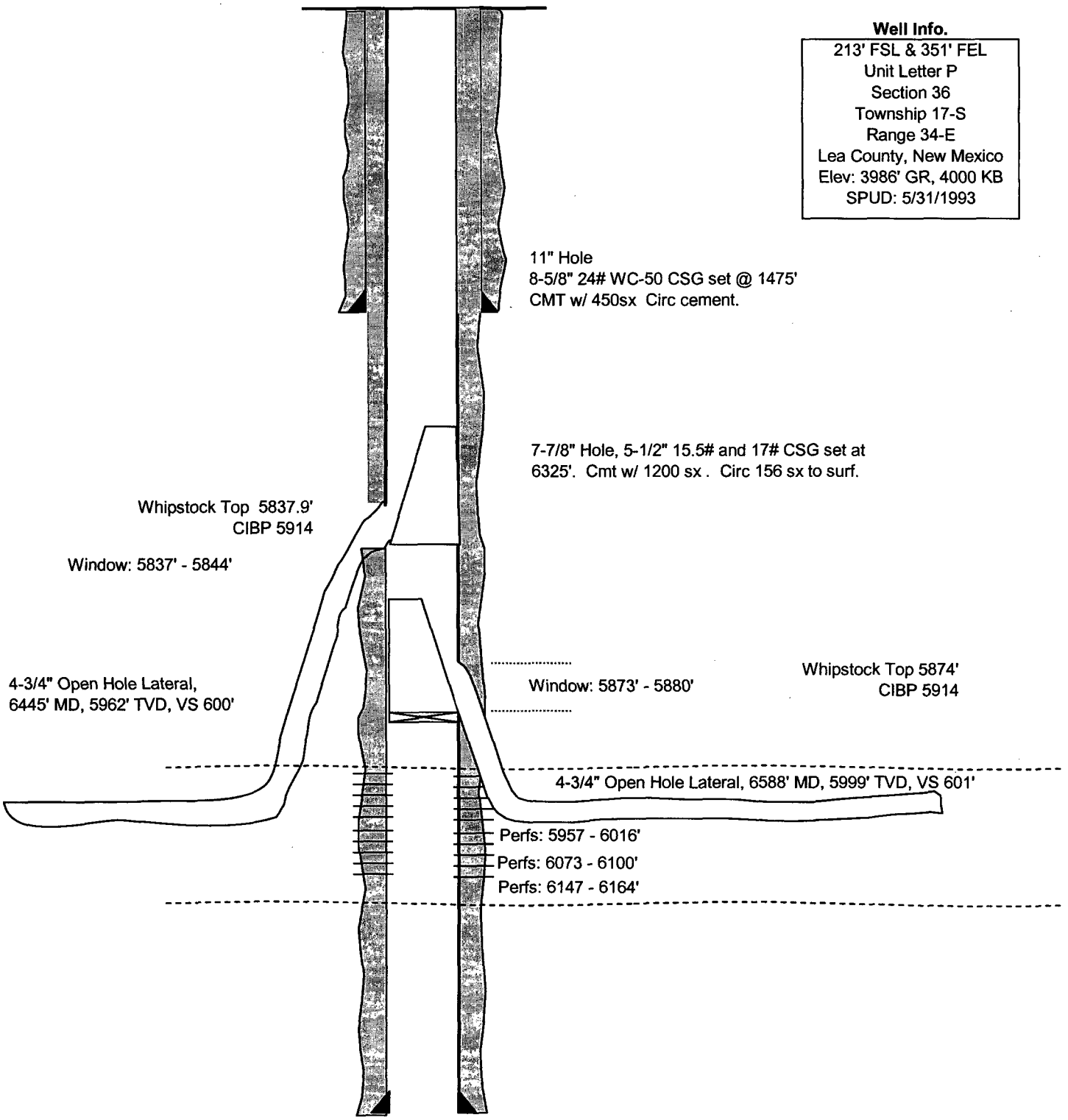
DJC

Vacuum Glorieta West Unit 93
Current Wellbore
30 025 31810

~~2-19-97~~
MTR 3/05



VGWU #108
API No. 30-025-31875



CURRENT WELLBORE DIAGRAM

Created:	11/26/2003	**By:** SMG/MCD					
Updated:		**By:**					
Lease:	Vacuum Glorieta West Unit		**Well No.:** 133H			**Field:**	Vacuum Glorieta
Surface Location:	355' FSL & 1875' FEL		**Unit Ltr:** O	**Sec:** 36		**TSHP/Range:**	17S-34E
Bottomhole Location:	600' FNL & 1400' FEL		**Unit Ltr:** B	**Sec:** 1		**TSHP/Range:**	18S-34E
County:	Lea	**St:** New Mexico	**Elevation:** 3991' GL		**API:** 30-025-32338	**Cost Center:**	UCT492400
Current Status:	Active Oil Well		**Original St Lease:** 548570		**VGWU Lease #:** B-1520		
Directions to Wellsite:	Buckeye, New Mexico						

This well was drilled as New Mexico O State NCT-1 #35. Well was renamed VGWU #133 effective 3/15/99. It was recompleted as a horizontal well effective 5/24/00.

Surface Casing

Size:	8 5/8"
Wt.:	24#
Set @:	1460'
Sxs cmt:	650 sxs
Circ:	Yes, 148 sxs
TOC:	Surface
Hole Size:	11"

Production Casing

Size:	5 1/2"
Wt.:	15.5# & 17#
Set @:	8100'
Sxs Cmt:	2025 sxs
Circ:	Yes, 289 sxs
TOC:	Surface
Hole Size:	7 7/8"

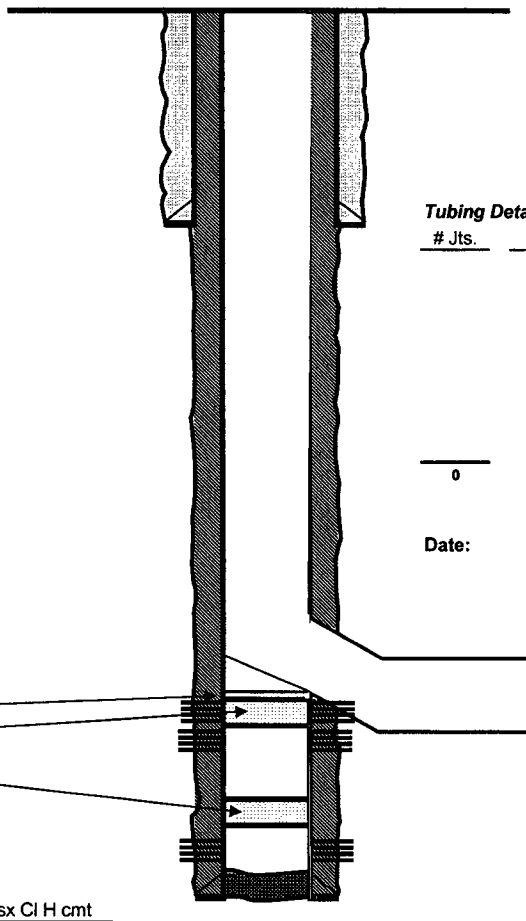
Original TD:	8100'
Original PBTD:	7980'

Horizontal Information

Top of Whipstock:	5772'
Bottom of Whipstock:	5780'
Top of Horizontal Window:	5772'
Bot of Horizontal Window:	5778'
Lateral Open Hole:	5772'-6895', Open Hole Glorieta
Horizontal Drilling Interval:	5772'-6895', Open Hole Glorieta
Horizontal TD:	6895'
PBTD (cement retainer)	5780'
Cement Cap (35'):	6280'-6315'
Cement Cap (35'):	7315'-7350'
TMD:	6895'
TVD:	5948'
VS:	540.2'

Perforations

Vacuum Glorieta:	5920-'6050'; 2 JSPF; sqzd w/ 200 sx Cl H cmt F/B 100 sx Cl H Neat
Vacuum Blinebry:	6404'-7124', 4 JSPF, 292 Holes, plugged off
Vacuum Drinkard:	7486'-7751'; 2 JSPF 265 Holes, plugged off



KB:	4005'
DF:	4004'
GL:	3991'
Original Spud Date:	2/28/1994
Original Compl. Date:	3/26/1994
Horizontal Spud Date:	4/6/2000
Horizontal Compl. Date:	5/24/2000

Tubing Detail **Date:**

# Jts.	Size	Footage
0	EOT	0.00

Date:

Horizontal TD
6895'

Vertical TD:
7980'

Remarks:

CURRENT
WELLBORE DIAGRAM

New Mexico "L" State #12

LOCATION

State	New Mexico
County	Lea
Surface Location	1880 FNL & 660 FEL
	Sec 1, R-34E, T-18S
Unit Ltr	H

CASING DETAIL

Surface Csg.	
Size:	8-5/8"
Wt.:	24#
Set @:	1476'
Sxs cmt:	650 sx class "C"
TOC:	Surface
Hole Size:	11"
Production Csg.	
Size:	5-1/2"
Wt.:	15.5 & 17#
Set @:	8000
Sxs Cmt:	1925 class "H"
TOC:	1800' (temp survey)
Hole Size:	7-7/8"

WELL ID INFORMATION

Lease Name	New Mexico State "L" #12
Field	Vacuum Drinkard
Reservoir	Drinkard
Ref.#	QU2500
API #	30-025-31992

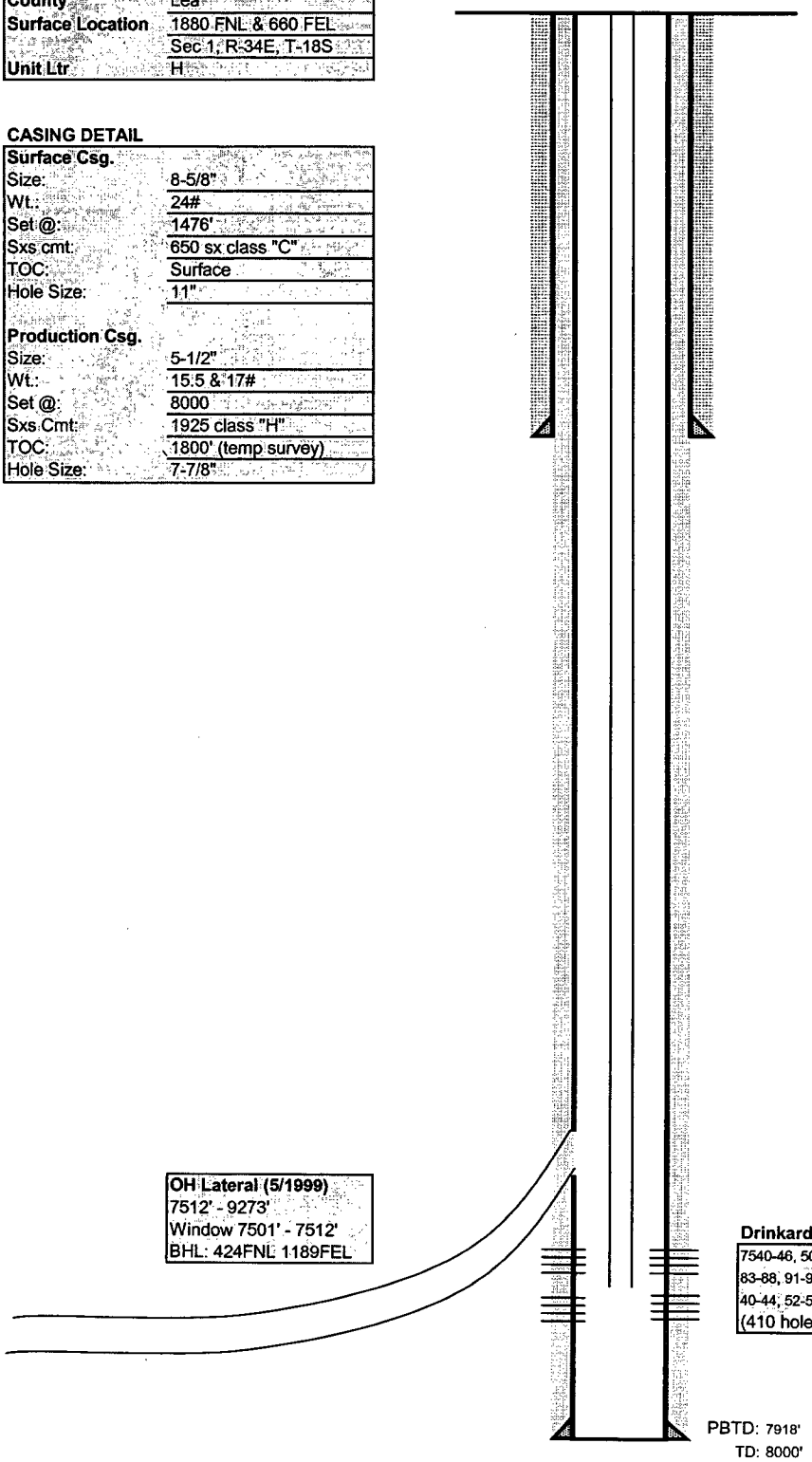
KB:	3997'
DF:	
GL:	3983'
Spud Date:	7/24/1993
Compl. Date:	8/24/1993

Tubing Detail **11/8/2004**

# Jts.	Size	Depth
228	2-7/8" N-80 tubing	
1	5-1/2" x 3' TAC	7370.00
14	N-80 tubing	
1	2-7/8" x 36' blast jt	
1	2-7/8" SN	
1	2-7/8" x 4' perf sub	7854.00
1	3-1/2" x 30' OPMA	7885.00
EOT		

Rod Detail **11/8/2004**

# Rods	Size	Footage
1	1-1/2" x 26' p.rod w/16' liner	
80	1" rods, one 6' sub	
88	7/8" rods	
135	3/4" KD rods	
8	1-1/2" k bars	
	1-1/2" x 24'ins pump	



OH Lateral (5/1999)
7512' - 9273'
Window 7501' - 7512'
BHL: 424FNL 1189FEL

Drinkard perforations (8/1993)
7540-46, 50-55, 60-63, 82-88, 7592-7602, 04-14, 22-50, 64-72, 83-88, 91-98, 7702, 7704-56, 64-72, 74-84, 7794-7818, 33, 36, 40-44, 52-56, 62-66, 79, 86, 7906-10, 25, 31,
(410 holes, 2spf)

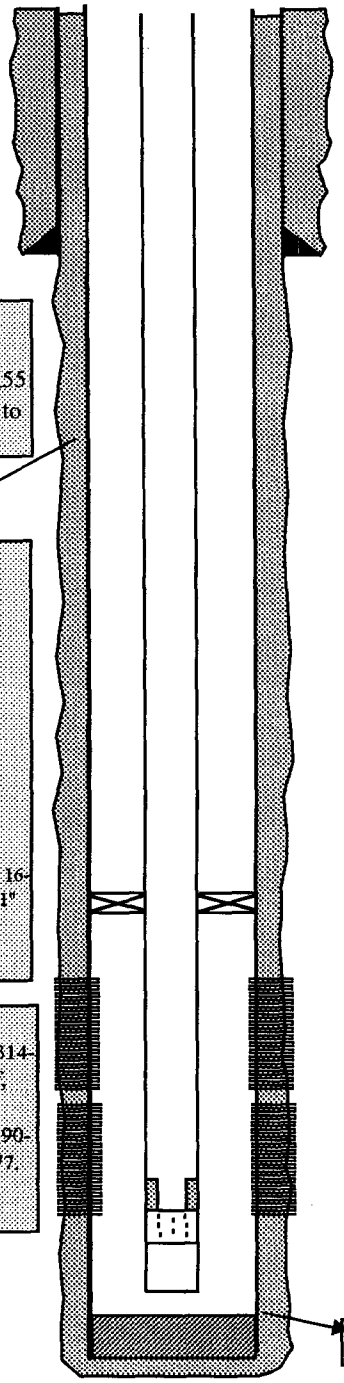
PBTD: 7918'
TD: 8000'

UPDATED BY: Cassie Viets
DATE: 11/17/2004

VGSAU 258

API # 30-025-32009

660' FNL & 510' FEL
SEC 1, TWN 18-S, Range 34-E, County Lea
ELEVATION: 4005' DF, 4006' KB



Surface Casing:
11" hole
8 5/8" csg - 24# K55
set @ **1470'**. Complete
Cement to surface

Production Casing:
7-7/8" hole
5-1/2" csg - 17/15.5# K55
set @ 7950' Circulated to surface

TOC @Surface

Tubing:
1- 30' OPMA
1- 4'x 2-7/8" perfed sub
1- SN
2- SSBJ -20' & 16'
21- Jts 2-7/8" tbg (665')
1- TAC (2.7')
131- Jts 2-7/8" Tbg
Bottom OPMA: 4855'
SN @: **4820'**
TAC @ **4116'**

Rod String: 1- 1/4" x 14' Gas Anchor, 1- 2.5"x1.75"x24' pump, 16- 1 1/2" K-bars, 94- 7/8" rods, 80- 1" rods.

Perforations:
4284'-4380': 4284-4314, 4314-44, 4344-56, 4366-80, 2 jpf, 120° phasing 0.44" hole
4480'-4677': 4480-4552, 4590-4600, 4605-4662, 4670-4677.

Workover Brief History:

20-Nov-2001 : Started 12-Nov-2001. Tagged @ 5443'. C/O to 5465' (PBTD). Recovered Frac Sand w/ Bailer. Set CIBP @ 4420'. Pump acid & Prop Lock as follows: 1000 gals 15% HCl NEFE, 1000 gals 2% KCl, 320 gals proplock, 100 gals pad. Pave=75 psi, Pmin= Vacuum, Average Rate= 2 bpm, ISIP= Vacuum. Release pkr. TIH and push CIBP to 5465'. RIH w/ rods and tubing.

25-May-2001 : Converted well to rods. C/O to 5451'. Acid perfs.

25-May-2000 : Started 4-May-2000. Fish stuck sub pump. C/O to 5450'. RIH w/ 3 1/2" Frac string and set pkr @ 4194'. **Frac Interval 4284'-4690'** w/ CO2 foam acid and 20,000 gals 20% HCl, 18,000 gals 30# foam gel pad and 70 tons CO2. Max Press=4225 psi, AIR=25 bpm, ISIP=2028 psi. Flow back. TIH and set motor @ 4277' (Higher than Top of perfs).

9-Feb-2000 : Convert well to sub. Tagged @ 4390'. C/O to 4420'. **Push CIBP to 5500'.**

21-May-1999 : Initial Completion
Started 3-May-1999. **Abandon NM L State # 15 well.** Set CIBP @ 7420' w/ 35' cement on top. Set CIBP @ 5000' w/ 35' cemsnt on top. **New PBTD @ 5465'.** Run Logs. Correlate and perf 4480'-4677'. Acid perfs w/ 4,000 gals 15% NEFE HCl acid: 3.2 bpm, Pamx= 3603 psi, P ave=2300 psi, ISIP=1700 psi. Swab results: 2% oil cut. Fld level ended @ 2200'. Set CIBP @ 4420'. Corrlate and Perf casing 4284'-4380'. Acid Perfs w/ 3000 gals 15% HCl. Frac Perfs: 4284'-4380' w/ 13,000 gals 40# X-Linked gel w/ Propnet and 47,000 # 16/30 Ottawa sand from 3 to 9 ppg concentration. Well screened out (34,120 # on formation). C/O sand w/ Coil Tubing Unit. Run SN and tubing. Set pump @ 4394'. Run Gas Anchor and rods. Bail Sand out next day.

Zones

Top	Depth	Interval
GB Marker	4,110	
GB Dol Top	4,228	42
GB Dol Bott	4,270	12
San Andres	4,282	188
LSA	4,470	237
O/W	4,707	
TOTAL		479

PBTD @ 5465'

COMMENTS AND RECOMMENDATIONS:

- **Last fluid level in this well showed to be 2322' free of gas over the pump. This well is actually producing between 10 to 20 bopd. when the isolation of the Lower San Andres took place the well oil production was about 40 bopd. So we can get back to this oil production if we isolate the LSA. We can get the same production with the actual conditions if We are able to pump off the well, but the production of water would be more than double.**
- With the isolation of the Lower San Andres we could loose some incremental recovery in the future, since this well is near by where the CO2 is being injected (From CVU 139 and CVU 138). Maybe later on, when the sand problems with the well has already been resolved, we can go back and remove the CIBP to recover the incremental oil from the Lower San Andres.

VGWU #89

API# 30-025-33429

8 5/8 @ 1540
CMT CIRC. to surface

6/5/96 - spud

12/2/97 - horiz
AC 28,000gal
15% + N2
46° 1322° W 17 S

SHL - 2000' FSL + 1070' FEL Sec 36, 17S, 34E

DV 4995'

CMT CIRC From DV to surface

BHL - 3037' FSL + 39' FEL Sec 36, 17S, 34E
TVD 6000'

BHL is within AOR

5856

5867

whip

5944-78, 6000-16, 6028-44, 6054-68
2 SPF 160 holes
AC 8000 gal 15%

7283' EOL

4/24/96 456° 94° 144°

1st stage 225sx
2nd stage 1100sx

5 1/2" @ 6300
no cmt

CURRENT
WELLBORE DIAGRAM

Created:	4/9/2003	**By:** MCD					
Updated:		**By:**					
Lease:	Vacuum Grayburg San Andres Unit		**Well No.:**	249		**Field:**	Vacuum Grayburg San Andres
Surface Location:	1390' FNL & 2530' FWL		**Unit Ltr:**	F	**Sec:**	1	**TSHP/Range:** 18S-34E
Bottomhole Location:	None		**Unit Ltr:**		**Sec:**		**TSHP/Range:**
County:	Lea	**St:** NM	**St Lease:**			**API:** 30-025-35563	**Cost Center:** BCT492200
Current Status:	Injection Well		**Elevation:**	3991' GL			
Directions to Wellsite:	Buckeye, New Mexico						

Surface Casing

Size:	8 5/8"
Wt.:	24#, K-55
Set @:	1482'
Sxs cmt:	700 Class H
Circ:	Yes
TOC:	Surface
Hole Size:	12 1/4"

Production Casing

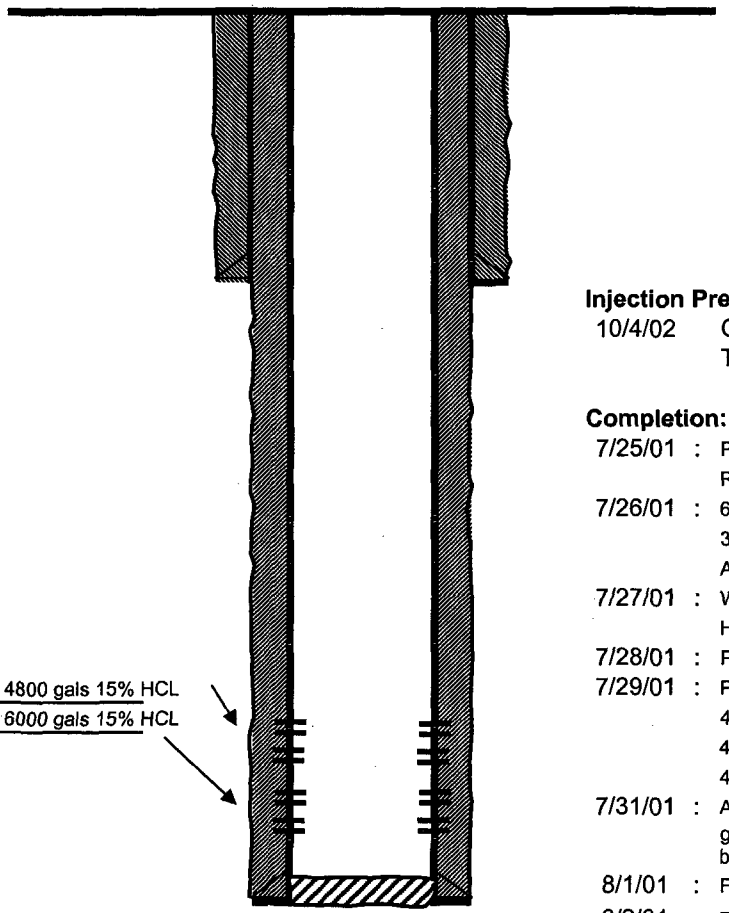
Size:	5 1/2"
Wt.:	15.5#, K-55
Set @:	4800'
Sxs Cmt:	950 Class H
Circ:	Yes, w/ 124 sxs
TOC:	Surface
Hole Size:	7 7/8"
PBTD:	4762'
TD:	4800'

Perforations:

Grayburg

4292'-4474', 2 JSPF, 120 Deg, 0.47" holes, 4800 gals 15% HCL

4492'-4714', 2 JSPF, 120 Deg, 0.47" holes, 6000 gals 15% HCL



TD: 4800'

KB: 4004'
DF:
GL: 3991'
Original Spud Date: 7/3/2001
Original Compl. Date: 7/31/2001

Injection Pressure: 1550 psig

10/4/02 Changed packer and tubing
Test packer & casing for 30 mins, OK

Completion:

7/25/01 : Perfed 4492'-4714' w/ 2 JSPF 120 deg ph, 0.47"
Run pkr and set @ 4408'

7/26/01 : 6000 gal 15% HCL
3000 gal gelled 10 ppg brine
Avg PSI: 3000 psi, well flowing

7/27/01 : Well was flowing strong
H2S present, 2400 bpd

7/28/01 : POOH w/ tbg & pkr, Set RBP @ 4480'

7/29/01 : Perfed 4472'-4474'; 4458'-4466'; 4438'-4450'
4394'-4440'; 4376'-4382'; 4330'-4440' (Repeat);
4322'-4324'; 4292'-4302'; 4308'-4312';
4316'-4320' 2 JSPF, 120 Deg, 0.47" holes

7/31/01 : Acidized w/ 4800 gals 15% HCL, 2500 gals
gelled brine wtr, 2000# rock salt; well flowing
back w/ H2S

8/1/01 : Flow Well

8/2/01 : Flow Well

8/3/01 : TOH w/ RBP, RIH w/ duo-lined tbg, pkr @ 4258'

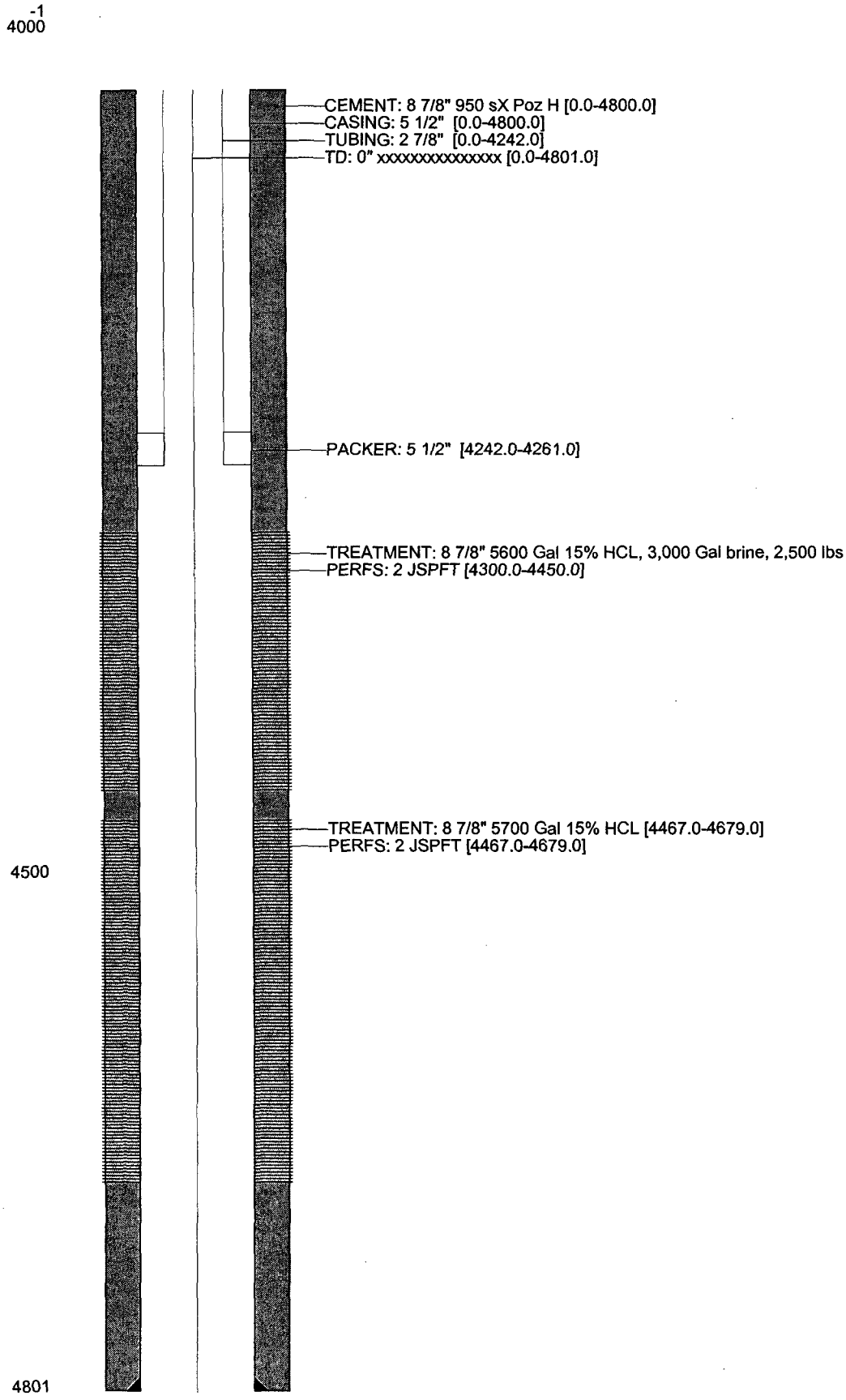
8/4/01 : Tstd csg; lost 40 psi/30 min; RBP still in tbg

8/5/01 : Clean location

Remarks:

Name: VG_135 ID: 3002535561 Type: Winj Date: 12/1/2004

VGSAU



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL API NO.
30-025-35561
5. Indicate Type of Lease STATE ✓ FEE
6. State Oil / Gas Lease

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ___ GAS WELL ___ DRY ___ OTHER WATER INJECTION

b. Type of Completion:
NEW WELL ___ WORKOVER ___ DEEPEN ___ PLUG BACK ___ DIFF RES. ___ OTHER

7. Lease Name or Unit Agreement Name
VACUUM GRAYBURG SAN ANDRES UNIT

2. Name of Operator
TEXACO EXPLORATION & PRODUCTION INC.

8. Well No. 135

3. Address of Operator
PO BOX 3109, MIDLAND, TX 79702

9. Pool Name or Wildcat
VACUUM GRAYBURG SAN ANDRES

4. Well Location
Unit Letter G : 2535' Feet From The NORTH Line and 1930' Feet From The EAST Line
Section 1 Township 18-S Range 34-E NMPM LEA COUNTY

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Csghead
7/16/01	7/24/01	8/7/01	3988'	

15. Total Depth	16. Plug Back T.D.	17. If Mult. Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
4800'	4723'				

19. Producing Interval(s), of this completion - Top, Bottom, Name
4300-4679 GRAYBURG SAN ANDRES

20. Was Directional Survey Made
YES

21. Type Electric and Other Logs Run
PLATFORM EXPRESS, GR/CCL, CNL/GR

22. Was Well Cored
NO

23. CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
8 5/8"	24#	1544'	12 1/4"	700 SX	
5 1/2"	15.5#	4755'	7 7/8"	950 SX	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4242'	

26. Perforation record (interval, size, and number)
4467-73, 4491-96, 4500-08, 4520-23,4529-31,4546-49,4553-58,4564-74, 4587-89, 4593-95,4607-13, 4630-34, 4638-46, 4666-72, 4674-79
4300-05,4314-26,4346-55,4362-66, 4370-76, 4386-98, 4404-08, 4417-27, 4438-50

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4467-4679	ACIDIZE W/5700 GALS 15% HCL
4300-4450	ACIDIZE W/5600 GALS 15% HCL & 3000 GALS GELLED BRINE

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
8/13/01	WATER INJECTION	PROD (WTR)

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-01-01	24 HRS					469 @ 800 PSI	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Test Witnessed By

30. List Attachments NOTARIZED DEVIATIONS

31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNATURE J. Denise Leake TITLE Engineering Assistant DATE 10/29/01

TYPE OR PRINT NAME J. Denise Leake Telephone No. 915-688-4752

DeSoto/Nichols 12-93 ver 1.0

5
K2

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
Chevron U.S.A, Inc. 15 Smith Road Midland, Texas 79705	4323
	[3] API Number

[3] Property Code	[3] Property Name	[6] Well No.
29923	Central Vacuum Unit	260

[9] Proposed Pool 1	[10] Proposed Pool 2
Vacuum-Grayburg San Andres	

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	17-S	35-E		1235.2	North	2445.9	West	Lea

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	I	Rotary	S	3983'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
N	4900'	San Andres	Nabors	June 18, 2005

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 6500 bbls Drilling Method:

Closed-Loop System ☐ Fresh Water ☒ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1550'	745 sxs	Surface
7-7/8"	5-1/2"	15.5#	4900'	1030 sxs	Surface

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Surface Casing
Lead Slurry: 545 sxs of 35:65 Poz "C" w/ 6% bentonite, 2% $CaCl_2$, ¼ pps celloflake mixed at 12.8 ppg, 1.88 cfs
Tail Slurry: 200 sxs of "C" w/ 2% $CaCl_2$, ¼ pps celloflake mixed at 14.8 ppg, 1.34 cfs

Production Casing
Lead Slurry: 560 sxs of 35:65 Poz "C" w/ 6% bentonite, 5% salt, ¼ pps celloflake mixed at 12.5 ppg, 1.94 cfs.
Tail Slurry: 470 sxs of 50:50 Poz "C" w/ 2% bentonite, 5% salt, ¼ pps celloflake mixed at 14.2 ppg, 1.35 cfs

BOPE Program
see attached diagram

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

OIL CONSERVATION DIVISION	
Approved by:	
Title:	
Approval Date:	Expiration Date:
Conditions of Approval Attached ☐	

Printed name: Denise Pinkerton Denise Pinkerton
Title: Regulatory Specialist
E-mail Address: leakejd@chevrontexaco.com
Date: 4-26-2005 Phone: 432-687-7375

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

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised May 17, 2002

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
	62180	Vacuum Grayburg-San Andres

4 Property Code	5 Property Name	6 Well Number
29923	Central Vacuum Unit	260

OGRID No.	8 Operator Name	9 Elevation
4323	Chevron USA, Inc.	3983'

10 Surface Location

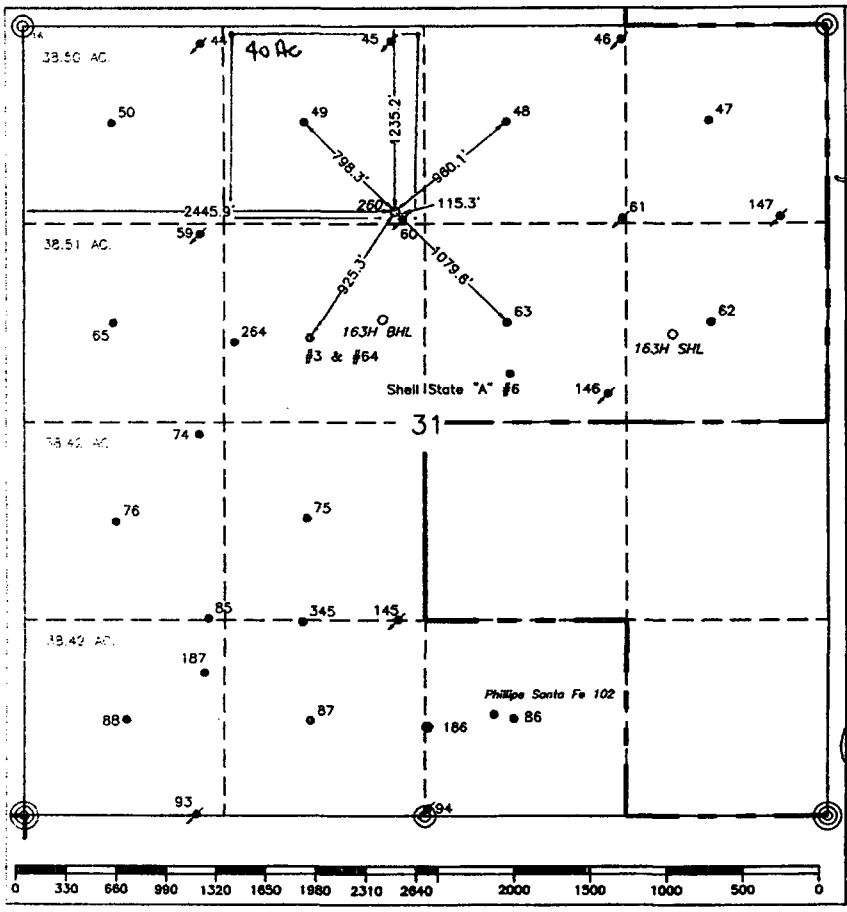
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	7 County
C	31	17-S	35-E		1235.2'	North	2445.9'	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	7 County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.



16 OPERATOR CERTIFICATION

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

Signature: Ted Tipton / DSP

Printed Name: Ted Tipton

Position: Manager of Drilling Department

Company: Chevron USA, Inc.

Date: April 1, 2005

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: March 29, 2005

Signature & Seal of Professional Surveyor

Certificate No. 7254 John S. Piper

Sheet 1 of 1

○ = Staked Location ● = Producing Well ✐ = Injection Well ◇ = Water Supply Well ✦ = Plugged & Abandon Well
◎ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. o = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates 1927= 654048.93 Northing 654114.04		1927= 757009.60 Easting 798188.52	
1927= 32°47'42.998" Latitude 32°47'43.443"		1927= 103°29'50.876" Longitude 103°29'50.876"	
Zone: East	North American Datum: 1983	Combined Grid Factor: 0.99979145	Coordinate File: Buckeye.Cr5
Drawing File: CVU_260.Dwg		Field Book: Lea #23, Pg. 52	

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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Chevron U.S.A., Inc. Telephone: 432-687-7375 e-mail address: LEAKEJD@CHEVRONTEXACO.COM
Address: 15 Smith Road, Midland, Texas 79705
Facility or well name: Central Vacuum Unit #260 API #: _____ U/L or Qtr/Qtr C Sec 17 T 17-S R 35-E
County: Lea Latitude 32°47'43.443" Longitude 103°29'50.876" NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	Below-grade tank
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 6500 bbl	Volume: ____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
	Ranking Score (Total Points)	10 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described 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 ☐.**

Date: April 7, 2005
Printed Name/Title Travis Garza/Drilling Engineer Signature Travis Garza /gdo

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title _____ Signature _____ Date: _____

CVU 260

API # 30-025-?????

1235' FNL & 2446' FWL
SEC 31, TWN 17-S, Range 35-E, Unit Letter 'C'
ELEVATION: 3983' GL, KB= DF=_____
County: Lea

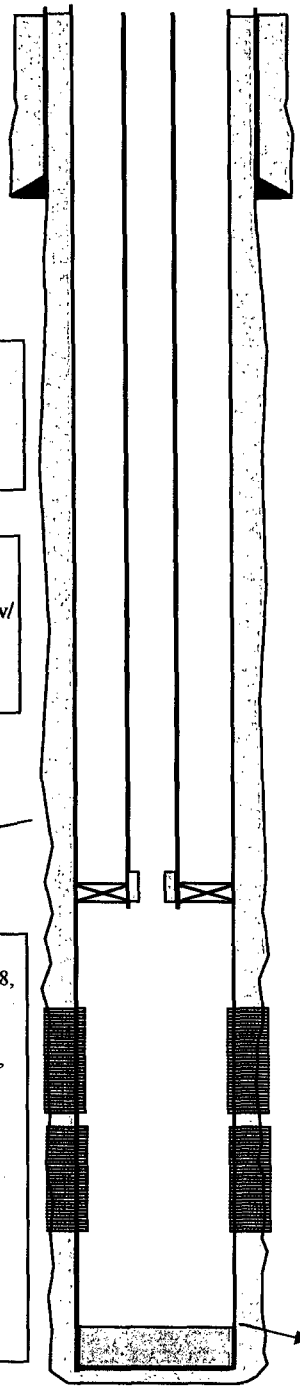
Proposed Wellbore

Surface Casing:
12-1/4" hole
8-5/8" csg - 24# J-55 set @1550'.
Cemented w/ 745 sx Class "C.

Production Casing
7-7/8" hole
5-1/2" csg - 15.5#, J55 set @4900' cemented w/ 1030 sx class Poz 'C' cmt.

TOC @ Surface

Perforations:
4260'-4702': 4260, 63, 66, 73, 82, 86, 4304, 09, 18, 24, 30, 36, 94, 98
4453, 56, 69, 76, 83, 89, 93, 4504, 08, 12, 22, 28, 35, 40, 76, 81, 94, 99, 4610, 14, 19, 30, 34, 42, 48, 53, 60, 67, 77, 84, 91, 96, 4702.



INJECTION EQUIPMENT:
1- 5 1/2" LOKset inj pkr
2-3/8" NEW IPC Tbg.

PACKER SET @: ~4200'

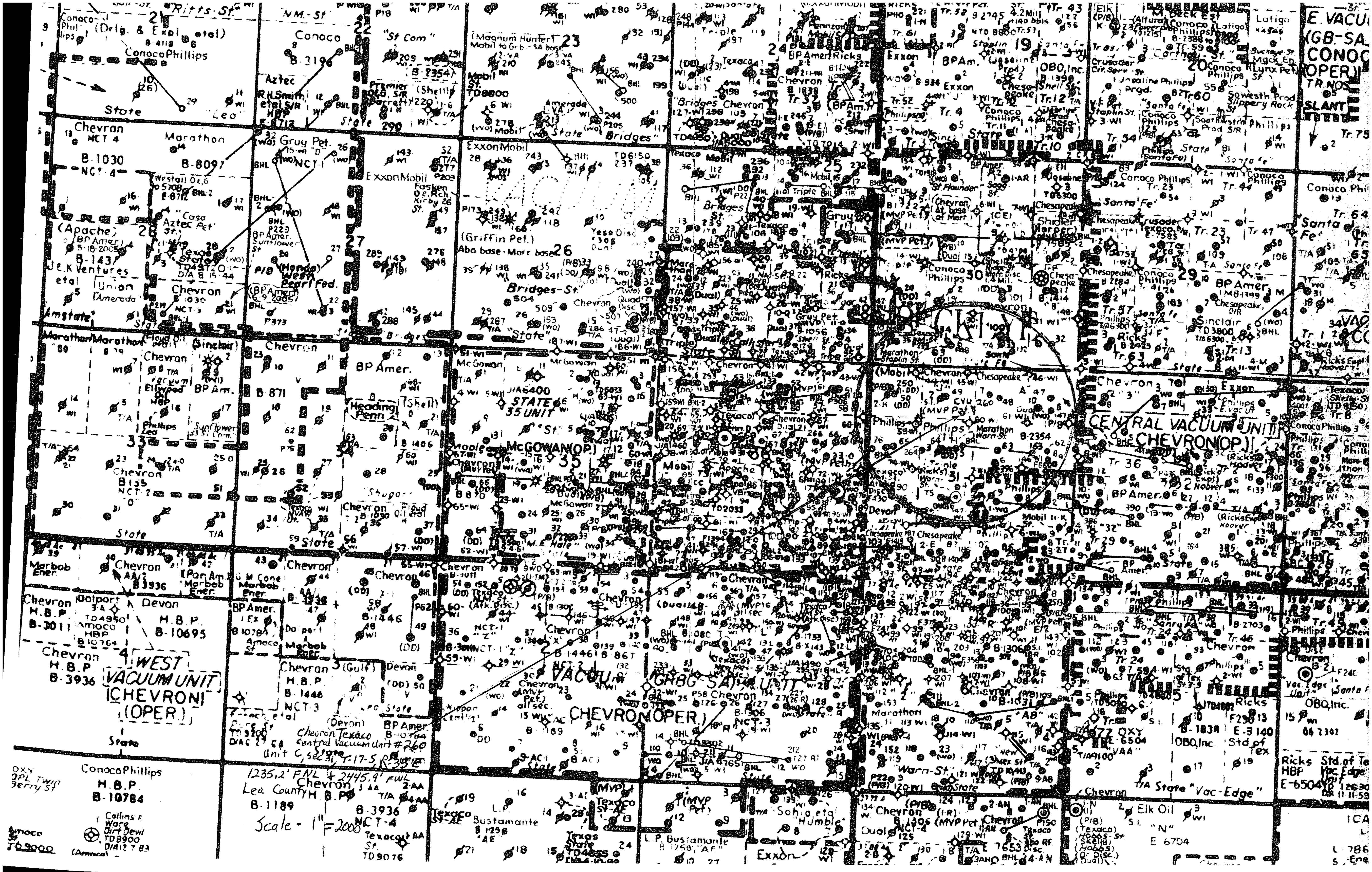
Zones

Top	Depth	Interval
GB Marker		#VALUE!
GB Dol Top		#VALUE!
GB Dol Bott		#VALUE!
San Andres		#VALUE!
O/W		
LSA		
TOTAL		#VALUE!

-

COMMENTS AND RECOMMENDATIONS:

-



CENTRAL VACUUM UNIT CHEVRON(OP)
WEST VACUUM UNIT CHEVRON (OPER)
VACUUM (GRBG-SA) UNIT CHEVRON(OPER)
McGOWAN(OP)
STATE 35 UNIT
E. VACUUM (GB-SA) CONOCO (OPER) TR.NOS.
Chevron Texaco Central Vacuum Unit #260
Unit C, Sec 31, T-17-S, R-35-E
1235.2' FNL & 2445.9' FWL
Lea County
Scale - 1" = 2000'
Chevron
ConocoPhillips
Marathon
BP Amer.
ExxonMobil
Exxon
Devon
Texaco
Phillips
State
Bridges-St.
Santa Fe
State "Vac-Edge"

CVU 260 Half Mile Radius

Ratio Scale = 1 : 12,000

0 1,000 2,000

FEET

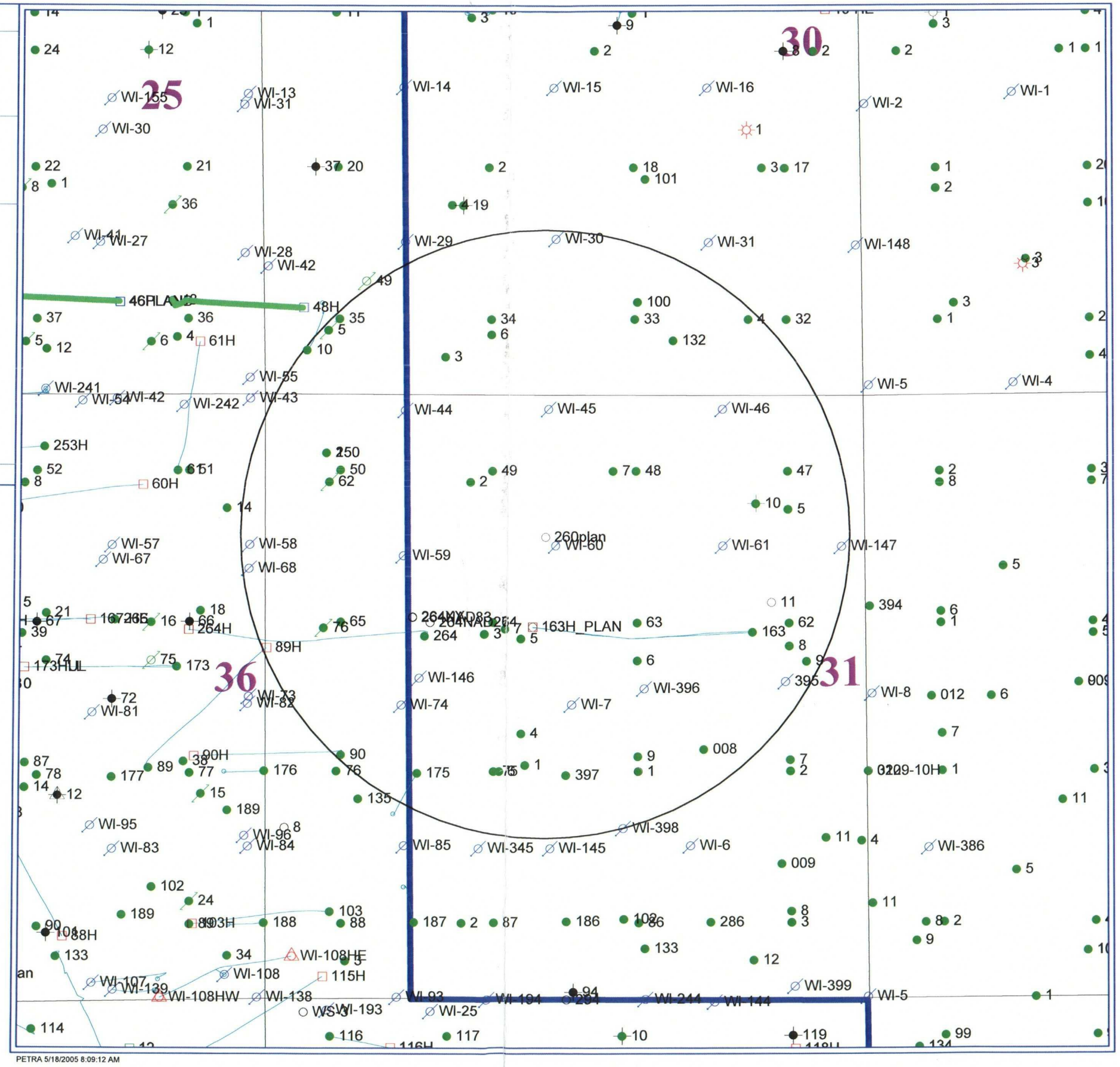
POSTED WELL DATA

Well Number

WELL SYMBOLS

- Location Only
- Oil Well
- Gas Well
- Dry Hole
- Injection Well
- Injection Well
- Service Well
- Abandoned Oil
- Temp Abandoned
- Plugged and Abandoned
- Horizontal Glorieta
- Horizontal Paddock
- Horizontal Drinkard
- Horizontal Grayburb San Andres
- Horizontal Water Injection Well

May 18, 2005



PETRA 5/18/2005 8:09:12 AM

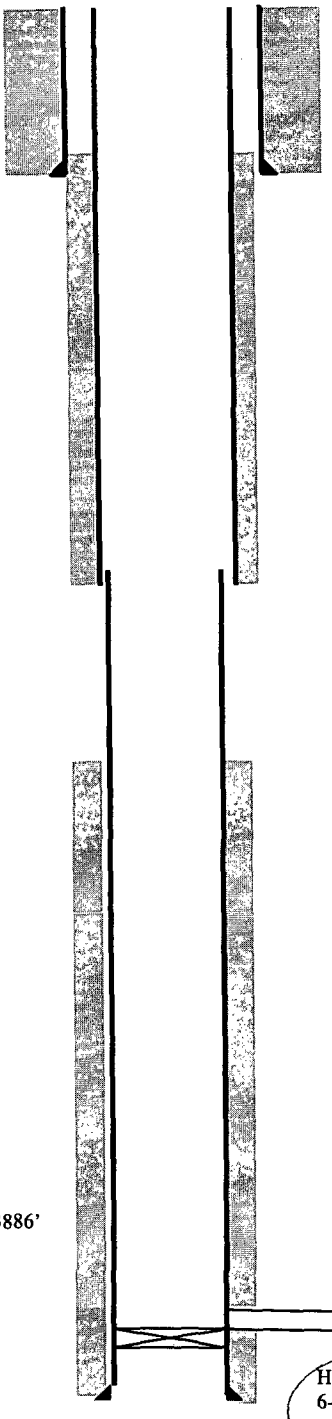
List of wells within CVU 260 Area of Review (all wells are in 17S and 35E unless marked otherwise)

api12	Well Key	VBWELLNO	Section	Status	HCLS	OPERATOR	API	SPUDDT	ABDNDT	CINTTOP	CINTBTM	TD	NSDIST	NSDIR	WDIS	EWDIR	
300250294100	CVU34	1	30	PS	OI	Chevron	3002502941	03-Mar-38		4456	4662	4762	660	FSL	1980	FWL	
300250294500	CVU35	1	30	PS	OI	Chevron	3002502945	20-Mar-38		4106	4106	4850	660	FSL	660	FWL	
300250295300	CVU64	1	31	PS	OI	Chevron	3002502953	19-Jan-38		4060	4060	4664	1980	FNL	1980	FWL	
300250295400	CVU75	2	31	PS	OI	Chevron	3002502954	14-Apr-38		4072	4072	4750	1980	FSL	1980	FWL	
300250295500	CVU65	1	31	PS	OI	Chevron	3002502955	10-Feb-38		4053	4053	4665	1980	FNL	660	FWL	
300250295800	CVU49	1	31	PS	OI	Chevron	3002502958	19-Nov-37		4064	4064	4545	660	FNL	1980	FWL	
300250295900	CVU50	1	31	PS	OI	Chevron	3002502959	16-Jan-38		4352	4352	4662	660	FNL	660	FWL	
300250296000	EV 27001	1H	31	PS	OI	Conoco	3002502960	23-Feb-38		3830	6234 EOL	4667	1980	FSL	1980	FEL	WBD attached
300250853100	CVU62	3	31	PS	OI	Chevron	3002508531	01-Jul-38		4270	4270	4690	1980	FNL	660	FEL	
300250853200	CVU47	4	31	PS	OI	Chevron	3002508532	25-Sep-38		4300	4300	4710	660	FNL	660	FEL	
300250853300	CVU63	2	31	PS	OI	Chevron	3002508533	25-Mar-38		4036	4036	4667	1980	FNL	1980	FEL	
300250853400	CVU48	1	31	PS	OI	Chevron	3002508534	06-Mar-38		4055	4055	4664	660	FNL	1980	FEL	
300250854500	CVU33	33	30	TA	OI	Chevron	3002508545	04-Feb-38		4078	4078	4705	660	FSL	1980	FEL	
300252027000	VGWU90H	90H	31	PS	OI	Chevron	3002520270	08-Dec-63		5943	7290	10500	2130	FSL	660	FWL	WBD attached
300252029000	VGEU3	6	31	TA	OI	Conoco	3002520290	14-Jan-64		5997	6040	6900	2310	FNL	1980	FEL	
300252037000	STATEA5	5	31	ZA	OI		3002520370	19-Nov-62		10009	10300	10300	990	FNL	660	FEL	
300252037000	STATEA5	5	31	ZA	OI		3002520370	19-Nov-62		8510	9309	10300	990	FNL	660	FEL	
300252037000	VGEU	5	31	TA	OI	Conoco	3002520370	19-Nov-62		6069	6080	10300	990	FNL	660	FEL	current status
300252074800	Warn State AC 1	3	31	PA		Marathon	3002520748		01-May-02				2080	FNL	1908	FWL	WBD attached
300252074900	VGEU2	4	31	SI	OI	Conoco	3002520749	17-Apr-64		6005	6023	6250	2311	FSL	2226	FWL	
300252075000	VGEU1	5	31	PR	OI	Conoco	3002520750	27-Aug-64		6033	6074	6250	2122	FNL	2227	FWL	
300252078400	VGWU76	76	31	TA	OI	Chevron	3002520784	20-May-64		5982	6140	6906	2030	FNL	510	FWL	
300252079400	VGSU152	100	30	PR	OI	Conoco	3002520794	06-Aug-64		6064	6074	6200	810	FSL	1955	FEL	
300252081900	VGEU371	7	31	PR	OI	Conoco	3002520819	16-Mar-64		6086	6110	6311	660	FNL	2180	FEL	
300252082000	VGEU374	37-04	31	PA	AB	Conoco	3002520820	23-May-64	27-Oct-04	6137	6177	6300	2180	FNL	660	FEL	WBD attached
300252085400	VGEU tr.3 #1	2	31	PR	OI	Conoco	3002520854	15-Jul-64		6007	6048	6800	760	FNL	1790	FWL	
300252086200	CVU250	250	31	PS	OI	Chevron	3002520862	04-Oct-64		4398	4780	10553	510	FNL	535	FWL	
300252086300	VGWU62	2	31	TA	OI	Chevron	3002520863	30-Jun-64		6025	6061	6850	760	FNL	560	FWL	WBD attached
300252094100	NM State 'N'	5	30	PA	UN	Chevron	3002520941	24-Mar-64	05-Dec-91	0	0	6863	560	FSL	560	FWL	
300252100900	VGEU tr. 34	2	30	PR	OI	Conoco	3002521009	10-May-64		6026	6086	6150	330	FSL	1576	FWL	
300252109600	VGEU tr. 17	1	31	PR	OI	Conoco	3002521096	19-Feb-65		6031	6065	6200	2110	FSL	1980	FEL	
300252380100	CVU132	132	30	PS	OI	Chevron	3002523801	28-Jun-71		4086	4086	4750	475	FSL	1650	FEL	
300252570700	CVU60	WI-60	31	PA	AB	Chevron	3002525707	30-Nov-77	25-Feb-05	4377	4377	4800	1310	FNL	2535	FWL	WBD attached
300252571900	CVU44	WI-44	31	IJ	WG	Chevron	3002525719	31-Dec-77		4443	4443	4800	134	FNL	1219	FWL	
300252572000	CVU45	WI-45	31	IJ	WG	Chevron	3002525720	09-Feb-78		4388	4388	4800	121	FNL	2475	FWL	
300252572400	CVU58	WI-58	36,17S, 34E	IJ	WG	Chevron	3002525724	17-Jan-78		4040	4040	4800	1310	FNL	132	FEL	
300252572500	CVU59	WI-59	31	IJ	WG	Chevron	3002525725	19-Dec-77		4051	4051	4800	1403	FNL	1200	FWL	
300252572900	CVU74	WI-74	31	IJ	WG	Chevron	3002525729	10-Jan-78		4448	4448	4800	2561	FSL	1180	FWL	
300252581700	CVU30	WI-30	30	IJ	WI	Chevron	3002525817	07-Apr-78		4132	4132	4800	1360	FSL	2560	FWL	
300252581800	CVU46	WI-46	31	IJ	WG	Chevron	3002525818	20-Feb-78		4386	4386	4800	119	FNL	1224	FEL	
300252581900	CVU61	WI-61	31	IJ	WG	Chevron	3002525819	05-Feb-78		4352	4352	4800	1310	FNL	1230	FEL	
300252679000	CVU146	WI-146	31	IJ	WG	Chevron	3002526790	14-Jul-80		4346	4346	4800	2465	FNL	1335	FWL	
300252679100	CVU147	WI-147	31	IJ	WG	Chevron	3002526791	14-Jul-80		4378	4714	4800	1310'	FNL	200'	FEL	
300252686400	EV 27W07	WI-7	31	IJ	WG	Conoco	3002526864	13-Jul-80		4374	4658	4800	2560	FSL	2550	FEL	
300253027800	EV 27008	008	31	PS	OI	Conoco	3002530278	01-Jul-88		4344	4612	4800	2173	FSL	1410	FEL	
300253096700	VGWU	49	30	TA	OI	Chevron	3002530967	30-Dec-90		5968	6020	6320	990	FSL	895	FWL	
300253183900	VGWU68	WI-68	36,17S,34E	IJ	WI	Chevron	3002531839	14-Feb-93		6010	6102	6338	1517	FNL	139	FEL	
300253231100	Warn State AC 1	6	31	PR	OI	Marathon	3002532311	28-Nov-93		8495	10001	10335	1980	FSL	2030	FWL	
300253262300	STATE "A"	9	31	PR	OI	CHESAPEAKE	3002532623	30-Aug-94		7565	7887	8100	2310	FNL	510	FEL	
300253265000	Staplin State ac 1	6	30	PR	OI	YARBROUGH	3002532650	13-Sep-94		9342	10000	10260	525	FSL	1980	FWL	
300253284401	STATE "A"	10	31	PR	OI	CHESAPEAKE	3002532844	03-Feb-95		8560	9295	11973	940	FNL	940	FEL	
300253305200	Warn State AC 1	1	31	PR	OI	CHESAPEAKE	3002533052	01-Sep-95		7554	7872	12740	2036	FSL	2260	FWL	
300253342901	VGWU89H	89	36,17S,34E	PS	OI	Chevron	3002533429	02-Dec-97		5867	7283	7283	2000	FSL	1070	FEL	WBD attached
300253343400	NMXN10	10	30	PR	OI	Chevron	3002533434	25-May-96		10088	10184	11536	800	FSL	510	FWL	
300253372200	CVU175	175	31	FL	OI	Chevron	3002533722	03-Jan-97		4445	4445	4890	1617	FSL	1107	FWL	
300253395100	Warn State AC 1	7	31	PR	OI	Marathon	3002533951	14-Jul-97		8438	9309	11610	2036	FNL	2089	FWL	WBD attached
300253483200	EV 27W395	WI-395	31	IJ	WG	Conoco	3002534832	03-May-00		4337	4461	4848	2630	FSL	575	FEL	WBD attached
300253483300	EV 27W396	WI-396	31	IJ	WG	Conoco	3002534833	23-Apr-00		4377	4520	4850	2630	FSL	1950	FEL	WBD attached
300253483400	EV 27397	397	31	PR	OI	Conoco	3002534834	15-Apr-00		4346	4650	4850	1885	FSL	2630	FEL	WBD attached
300253562801	CVU264H	264H	31	PS	OI	Chevron	3002535628	17-Aug-01		4537	6707	6707 EOL	2100	FNL	1390	FWL	WBD attached
300253634201	CVU 163H	163H	31	PS	OI	Chevron	3002536342	04-Aug-03		4390	6391	6391 EOL	2050	FNL	1014	FEL	WBD attached

EV (GSA) Unit

ConocoPhillips ~~VGSAU East~~ TR.3127, well# 001 API# - 30-025-02960
Vacuum; Grayburg-San Andres

Unit J, 1980 FSL & 1980 FEL of S. 31, T17S, R35E
Lea County New Mexico



0'-796' 10-3/4" OD SURFACE CASING - CEMENTED WITH 170 SX. 17.5" hole

0'-4095' 7" OD SURFACE CASING - CEMENTED WITH 175 SX. cmt.

5" liner set from 3886' to 4800' w/ 180 sx

Hor Lateral added in 2003
6-1/8" lateral completion from KOP @ 3830' to EOL @ 6234'

Vertical TD = 4800'
PBTD = 3838'

GL ELEV= 3962'
KB ELEV = 3974'

CURRENT WELLBORE DIAGRAM

Created:	8/19/2002	**By:** MCD					
Updated:	9/3/2002	**By:** BJH					
Lease:	Vacuum Glorieta West Unit	**Well No.:**	90H	**Field:**	Vacuum Glorieta		
Surface Location:	2130' FSL & 660' FWL	**Unit Ltr:**	L	**Sec:**	31	**TSHP/Range:**	17S-35E
Bottomhole Location:	2128' FSL & 620' FEL	**Unit Ltr:**	I	**Sec:**	36	**TSHP/Range:**	17S-34E
County:	Lea **St:** NM	**St Lease:**	B-1606	**API:**	30-025-20270	**Cost Center:**	BCT492400
Current Status:	Active Oil Well	**Elevation:**	3982 GR				
Directions to Wellsite:	Buckeye, New Mexico						

Surface Csg.

Size:	13 3/8"
Wt.:	48#, H-40
Set @:	337'
Sxs cmt:	350
Circ:	Yes
TOC:	Surface
Hole Size:	17 1/2"

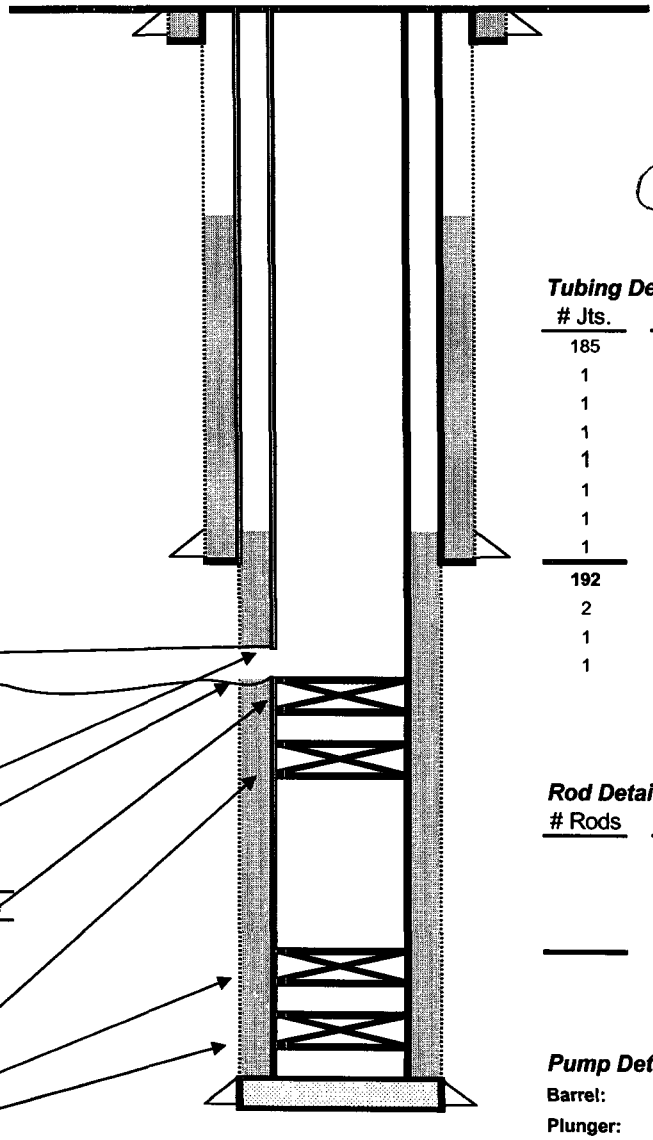
Intermediate Csg.

Size:	9 5/8"
Wt.:	36#, J-55
Set @:	4774'
Sxs Cmt:	764
Circ:	Yes
TOC:	2400' by TS
Hole Size:	12 1/4"

Production Csg.

Size:	7"
Wt.:	20# & 23#
Set @:	10500'
Sxs Cmt:	1110
Circ:	Yes
TOC:	4700' by CBL
Hole Size:	8 3/4"

Top of Horizontal Window:	5943'
Bot of Horizontal Window:	5951'
Horizontal Drilling Interval:	5943'-7290'
Horizontal TD:	7290', 4 3/4" Hole
TVD:	5955'
VS:	1280'
PBTD (CIBP):	5958'
Whipstock in Hole:	
CIBP:	6340'
CIBP:	9120'
CIBP:	9674'
Original TD:	10500'



KB:	3992'
DF:	3991'
GL:	3982'
Original Spud Date:	12/7/1963
Original Compl. Date:	1/22/1964
Horizontal Spud Date:	5/13/2000
Horizontal Compl. Date:	5/21/2000

Tubing Detail **Date:**

# Jts.	Size	Footage
185	2 7/8" J55 bare cl. 'B'	5849.40
1	2 7/8" Drain Valve	0.60
1	2 7/8" N-80 bare cl. "B" Sub	4.10
1	2 7/8" Check Valve	0.60
1	2 7/8" N-80 bare cl. "B" Sub	4.10
1	Pump	9.84
1	Pump	13.40
1	Gas Separator	2.60
192	**Pump Intake**	**5884.64**
2	Seals	11.76
1	Motor	15.80
1	PSI	3.18
	EOT	**5915.38**

Rod Detail **Date:**

# Rods	Size	Footage
		0.00

Pump Detail **Date:**

Barrel:
Plunger:
Pump: Total Fit
Seats:

Perforations:

5966'-6014' (Abandoned)
6028'-6090' (Abandoned)
6092'-6136' (Abandoned)
9162'-9300' (Abandoned)
10006'-10016' (Abandoned)

Remarks: See Failure History:

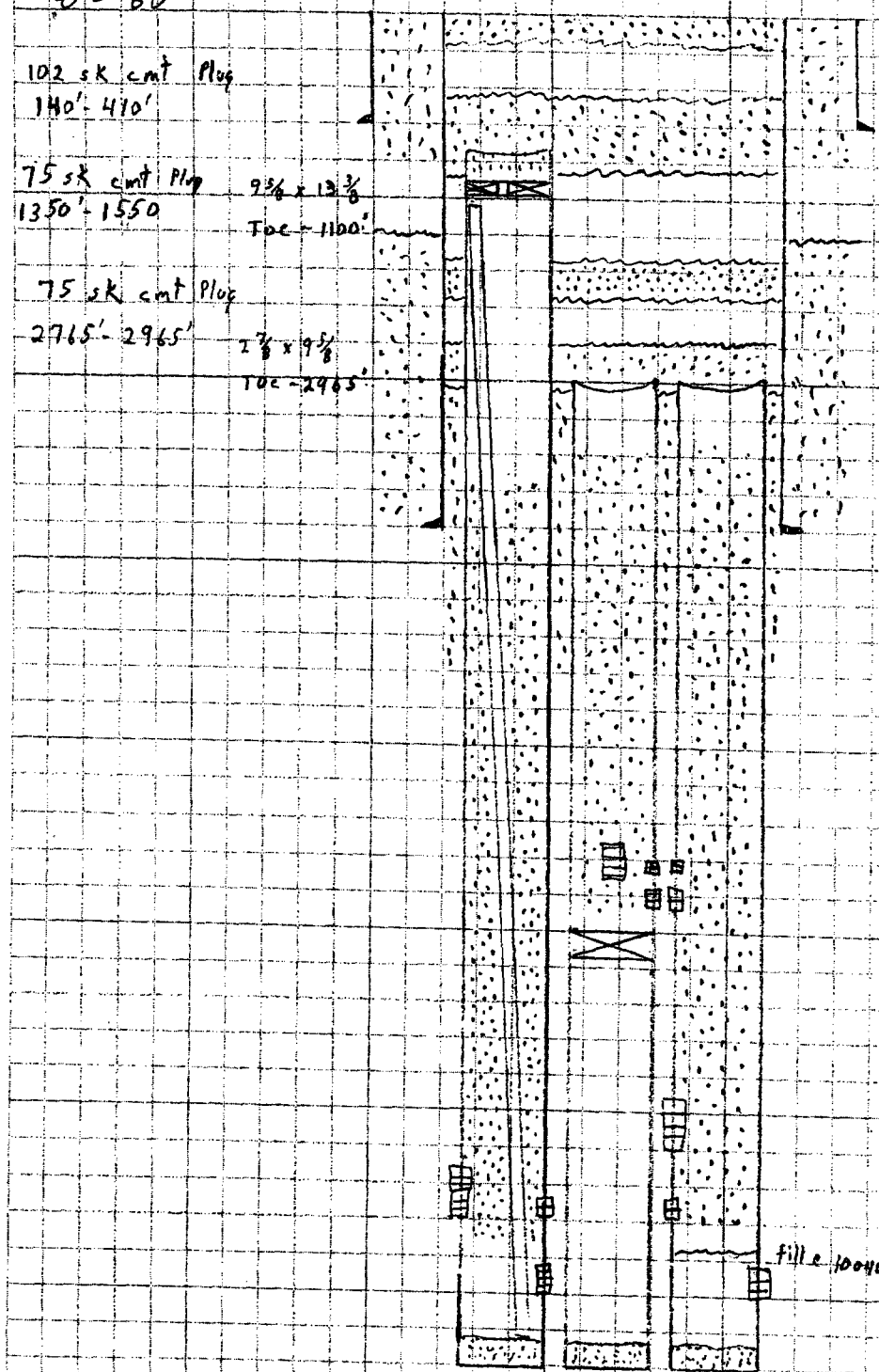
Convert to submersible pump on 8/16/02; Test sub in well to determine max pump capability

See attach variations from proposal pictured here.

Subject	Warn State 1 #3	Page No.	Of
File		By TPK	Date

Proposed P+A Jan 2002

P+A'd 5/02



13 3/8", 48# @ 356'
H-40, cmt'd w/ 375 sk
Toc - 1100' (TS)

@ Bradenhead cmt Sqz
13 3/8 x 9 5/8, 150 sks

9 5/8", 36 + 40# @ 5002
J-55 + N-80
cmt'd w/ 2650 sks
Toc - 2965' (TS)

Abo Perfs
9122' - 9320'
CIBP @ 9400'

Wolfcamp Perfs
9478' - 10146'

Penn Perfs
9222' - 10146'

2 7/8", 6.5#, J-55 + N-80
cmt'd w/ 300 sks

Hole TD @ 10301'
8 3/4"

	Wolfcamp	Abo	Penn
TD	10247'	10245'	10241'
PBTD	10184'	10187'	10194'

Form 10113 Rev. 3-99

Daily Activity Report

Marathon Oil Company
Warn State A/C 1 #3
Lea County, New Mexico

Triple N Job #3774

04/27/02 MI Triple N rig #24 and plugging equipment.

04/29/02 Notified OCD, Paul Kautz. RU cementer on Wolfcamp and pumped 70 bbls, ½ BPM @ 1,400 psi. Final rate 2 BPM @ 800 psi, SI on vacuum. No communication to Abo or Penn strings. RU on Abo string, pumped 60 bbls 3 BPM @ 250 psi, on vacuum. No communication to Wolfcamp or Penn, or 9-5/8". Squeezed 330 sx C cmt down Wolfcamp string, displacing w/ 3 bbls, on vacuum.

04/30/02 RU cementer on Wolfcamp, and pumped 2 bbls, caught pressure, then 1 BPM @ 550 psi, pumped total of 9 bbls. Squeezed 35 sx C cmt down Wolfcamp string, locked up at 1,500 psi. PU 1 jt 1.90" tubing and washed out top of Wolfcamp string. RU on Abo string, loaded hole w/ 40 bbls and pressured up to 1,200 psi, no rate. RU on Penn string, loaded hole w/ 36 bbls and pressured up to 1,200 psi, no rate. RIH w/ wireline on Abo string, tagged PBTD @ 8,230'. RIH w/ wireline on Penn string, tagged PBTD @ 8,380'. Notified OCD, Paul Kautz. NU BOP on Abo casing and RIH w/ 1.90" tubing to 5,901'. RU cementer and pumped 10 sx C cmt 5,901 – 5,494'. POOH w/ tbg to 5,085' and pumped 10 sx C cmt, POOH w/ tbg and SI well, SDFN.

05/01/02 RIH w/ wireline on Abo string, tagged cmt @ 4,521'. RU on Penn casing. RIH w/ 1.90" tubing to 5,901'. RU cementer and pumped 10 sx C cmt 5,901 – 5,494'. POOH w/ tbg and WOC.

05/02/02 E.L. Gonzales w/ OCD on location. Tagged cmt on Penn string @ 4,622'. Sretched casings, Penn free @ 2,708', Abo free @ 3,054'. Cut Penn casing @ 2,864', casing free. Cut Abo casing @ 2,804', not free. POOH w/ Penn casing (Penn). Worked Abo casing, not free. Cut Abo casing @ 2,795', POOH. Circulated hole w/ mud and pumped 65 sx C cmt @ 2,795'.

05/03/02 E.L. Gonzales w/ OCD on location. Tagged cmt @ 2,594'. Finished circulating hole w/ mud and POOH to 1,550', pumped 65 sx C cmt 1,550 – 1,358' per EL Gonzales, no need to tag. Pumped 150 sx C cmt 410' to surface. RDMO.

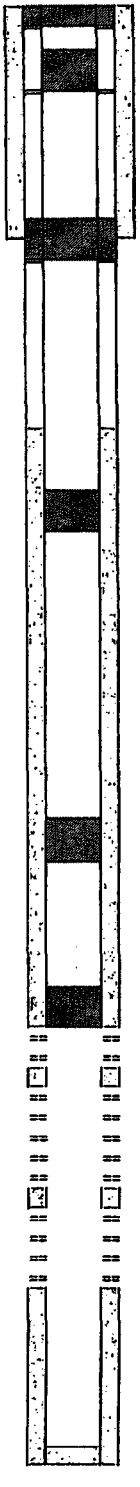
05/14/02 Cut off wellhead and installed dry hole marker, cut off anchors, back-filled cellar and pit.

PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: November 3, 2004

RKB @ 3985'
DF @ 3984'
GL @ 3974'



35 sx C cmt 60' to surface, perf & sqz circulated cement to surface

15 sx C cmt 436 - 230', perforated @ 400', unable to squeeze at 1,400 psi

12-1/4" Hole

Top of Salt @ +/- 1513' (Est.)

8-5/8" 24# J55 @ 1,575' w/ 800 sx, circ. 75 sx

60 sx C cmt 1,625 - 1,475', perf & sqz TAGGED

TOC @ 2,700' (calc.)

Base of Salt @ +/- 2828' (Est.)
25 sx C cmt 2,929 - 2,565' TAGGED

Bad Casing 4100' down

DV Tool @ 4688'
25 sx C cmt 4,737 - 4,367'

25 & 25 sx C cmt 5,891 - 5,579' TAGGED
Glorieta
5939 5944 5949
5951 5955 5957

6036 6037 6038
6040 6042 6044
6049 6051 6053
6056 6057 6065
6072 6076

6137 6139 6141
6146 6151 6153
6156 6159 6171
6173 6175 6177

Float Collar @

7-7/8" Hole

4-1/2" 9.5# J-55 @ 6,302' w/ 700 sx
Cmt w/ 700 sx
TOC @ 2,700' (calc.)

PBTD: 6228'
TD: 6305'

Subarea : Buckeye
Lease & Well No. : VGEU No. 37-04
Legal Description : 2180' FNL & 660' FEL, SE/4 NE/4 Section 31, T-17-S, R-35-E NMPM Survey
County : Lea State : New Mexico
Field : Vacuum Glorieta
Date Spudded : May 23, 1964 IPP: 6/15/64
API Number : 30-025-20820 67 BO, 4 BW, GOR 780
Status: PLUGGED 10/27/04
Drilled as Shell State "A" No. 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	6/5/64	**Perf 6037-6076 -- 10 holes**						
6037-6076	6/5/64	15% NE	200					
		15% NE	1,500	20 BS	4100	3600	2.1	
	6/8/64	**Re-perf 6036-6076 -- 14 holes**						
6036-6076	6/9/64	15% NEA	2,000	41 BS	3800	3400	2.4	
	6/15/64	Potential: Pmp 67 BO, 4 BW, GOR 780						
	8/23/64	Cut paraffin						
6036-6076	11/14/64	Gelled FW	20,000	20,000	7200	4000	20.0	
	12/10/64	Test: Pmp 16 BO, 0 BW						
	12/24/66	Cut paraffin, test tubing						
6190-6100	2/24/71	15% NEA	60	(spot)				
	2/24/71	**Perf 6137-6177 -- 12 holes**						
6137-6177	2/25/71	15% NEA	250					
6137-6177	2/26/71	15% NEA	6,000	14 BBS	4400	3700		
	3/15/71	Test: Pmp 17 BO, 35 BW						
	8/21/73	**Perf 5939-5957**						
5939-6177	8/25/73	15% Acid	2,000					
		XE-Frac	21,000	15,800	7100	5400	10.6	
		Job Sanded Out						
	2/10/78	Hydrotest tubing						
	12/1/93	Change in lease name and well number						
	7/15/94	Casing Integrity Test						
	8/04	During process to TA well discovered bad casing starting at 4100' down						
	9/8/04	**Prepare Application for Abandonment of Well**						

TRIPLE N SERVICES INC. MIDLAND, TX

ACTUAL PLUGS

1) 50 sx C cmt 5,891 - 5,579' TAGGED
2) 25 sx C cmt 4,737 - 4,367'
3) 25 sx C cmt 2,929 - 2,565' TAGGED
4) 60 sx C cmt 1,625 - 1,475', perf & sqz, TAGGED
5) 15 sx C cmt 436 - 230' TAGGED
6) 35 sx C cmt 60' to surface, perf & sqz

Formation Tops:

Base Red Beds	1513'
Yates	2828'
Queen	3691'
San Andres	4326'
Glorieta	5923'
Paddock	6036'

CVU 250 (Chevron USA)

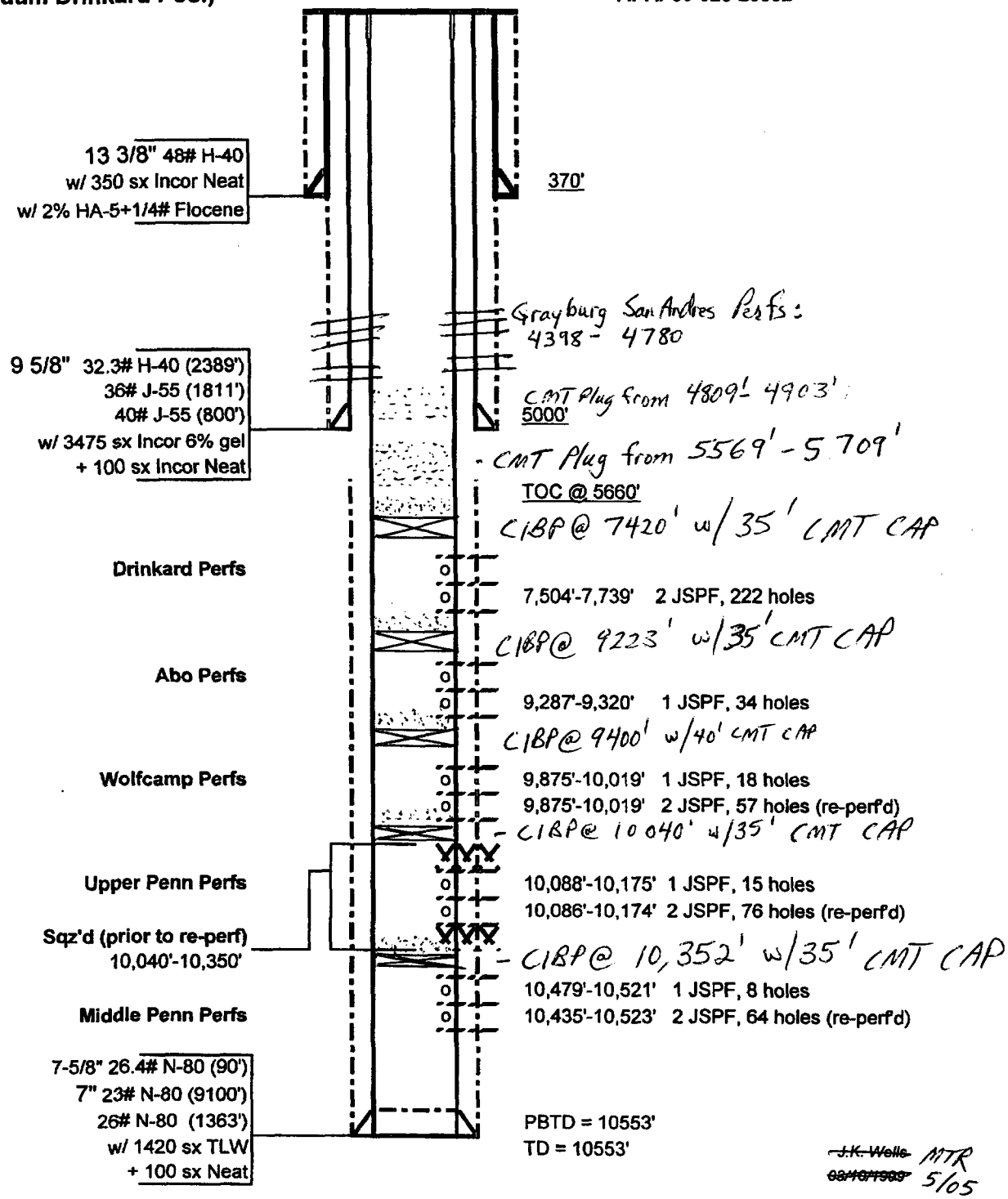
CURRENT CONFIGURATION ~~(PRE-PLUGGED)~~

Producing Well

~~State DB #1 (Mobil)~~
Vacuum Field
Lea County, NM
(Vacuum Drinkard Pool)

T17S R35E
Sec 31 Block D
535' FWL & 510' FNL

KB: 3999'
GL: 3987'
Spud date: 10/64
API # 30-025-20862



~~J.K. Wells 08/10/1989~~ MTR 5/05

CVU 60

API # 30-25-25707

1310' FNL & 2535' FWL
SEC 31, TWN 17-S, Range 35-E, Unit Letter "C", County Lea
ELEVATION: 3979' GL, KB= 3991____, DF= 3990____
Completed: 2/7/1978

P&A'd 2-25-05

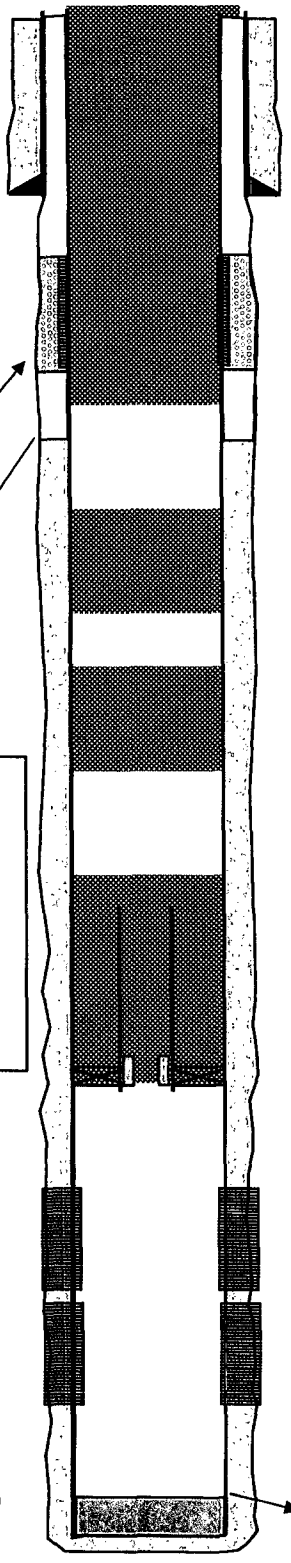
Surface Casing:
12-1/4" hole
8-5/8" csg - 24#, K55 set @ **365'** Cemented w/ 400 sx class "C" cmt. w/ 2% CaCl. Cement to surface (**12/1/1977**).

Production Casing:
7-7/8" hole
4-1/2" csg - 10.5#, K55 set @ **4800'** cemented w/ 2070 sx class Dow Lite cmt. 15# salt, 200 Sx 8# salt class "C" cmt. Cement circulated to surface (**12/19/1977**).

Casing Repair (6/11/2004)
Leaks f/ 511' to 1200'. Squeezed.

TOC @ **surface initially'.**

Stuck pkr @ 4583' cut tbg @ 4083'.
Pump first plug from 4018 to 4583' (tag @ 4013')
Pump second plug from 3745 to 3445' (tag @ 3445')
Pump third plug from 2800' to 2500' (tag @ 2560')
Pump fourth plug from 2560' to 2265'
Pumped final plug from 1314' to surface



Workover History
2/7/1978 Initial Completion: Perforate f/ 4398' to 4704' (15', 18 holes). Acid w/ 5200 gls 15% NE acid. Ran 2 3/8" plastic coated tubing and set packer @ 4366'.
9/13/1979: Shut In Notification: Pending negotiation agreement between Texaco & Phiplips Petroleum Company.
9/28/1979: Return to Injection: Injection was resumed in order to balance injection & withdrawal rates.
11/01/1990- 11/13/1990 Add Perfs & Acid: Perforate w/ 2 jspf: 4377', 4414', 35', 4666', 74', 76', 95', 99', 4708', 4712' (10 ft, 20 holes). Spot 500 gls and pump 4500 gls of 15% NEFE w/ 2500# RS and 54 ball sealers. ISIP=1000#. Ran tubing and set packer @ 4332'.
3/26/1994-3/31/1994: Acid Job C/O to 4774'. Set pkr @ 4307'. Pump 10,300 gls 20% NEFE. @ 4 bpm. Swabbed. Ran cement Lined tubing & set packer @ 4305'.
1/27/1998- 2/5/1998: Acid - Convert to CO2 Inj Tagged @ 4424'. C/O to 4560' (Tight spot). C/O to 4740' w/ mill. Acid perfs 4377'-4712' w/ 10,000 gls 15% HCl and 6350 # RS in 4 stgs. Swabbed. Ran w/ Inj tbg. PSA @ 4295'.
11/20/1998: Pressure Increase New pressure allowable @ 1850 psi.
6/11/2004-6/30/2004: MIT TOH w/ equipment. Set RBP. Spear casing. Replaced 9' of new 8 5/8" casing on surface. Released spear. Isolate holes in 4 1/2" csg f/ 511' to 1200'. Spot 22 Sx of Cl "C" cmt f/ 1226' to surface. Squz 2.1 bbls into the formation. Drill cmt f/ 65' to 1218'. Csg test OK to 500#. Ran Injection equipment and new packer. Set pkr @ 4301'.
7/12/2004: MIT
10/11/04-10/28/2004: Casing Repair: Run csg inspection log. & CBL f/ 2050'-Surf (697-1203: PITTED CSG, MULTIPLE HOLES. 511-697: 1 HOLE THAT TAKES 3/4 BPM @ 697'). Isolate Leaks f/ 1203'-511'. First Leak f/ 511'-697': 3/4 bpm @ 600#. Second Leak: 697'-1203' small bleed Off. Squeeze first leak w/ 16.8 bbls, 14.9 # cl "C" cmy f/ 726'-Surf. Hesitated 4 times. Drill Out f/ 180' to 782'. Squeeze second leak w/ 12 bbls 14.5# Squeeze Crete cmt f/ 1292'-436'. Drilled Out f/ 594' to 1345'.. Tested Good. C/O fill f/ 4445' to PBTD @ 4748'. Ran 2 3/8" (New) duolined tbg and 4 1/2" Weatherford 1X loc-set pkr. Set pkr @ 4292'.
2/11/05 - 2/25/05 Cement tubing in place 1/21/05: Flowing back. R/U. Realease packer. Pkr would not pass 3900'. Trying to go down to set it. It would not set. Trying to go throught the perfs. Stuck @ 4600'. It would not go down or up. Backed off @ 1100' Screwed back in. Run jet cutter. Did not pass 55'. TOH free but hitting every 30' up to 500' f/ surface. It behaved like eccentric casing at 500**Decided to P&A**. Ran back in the hole to set packer again. Failed. Jet cut the tubing and left packer w/ 500' of duolined in the hole. Procceded to set cement plugs and abandon the well.

Perforations:
2/7/1978: Initial Completion: 4398'-4704': 4398, 4410', 20, 30, 40, 90, 4578, 96, 4604, 37, 55, 70, 82, 91, 4704'.
2 jspf. 15', 30 holes.
Acid 4578-4704 (9' - 18 holes) w/ 2700 gals 15% NE
Acid 4478' (1' - 2 holes) w/ 1000 gals 15% NE
Acid 4398-4440 (5' - 10 holes) w/ 1500 gals 15% NE in 2 stgs w/ 150# RS between stgs. **2/3/1978**)

11/13/1990: New Perfs: Perforate w/ 2 jspf: 4377', 4414', 35', 4666', 74', 76', 95', 99', 4708', 4712' (10 ft, 20 holes). Spot 500 gls and pump 4500 gls of 15% NEFE w/ 2500# RS and 54 ball sealers

Zones

Top	Depth	Interval
GB Marker	4,170	
GB Dol Top	4,284	43
GB Dol Bott	4,327	
San Andres	4,356	176
LSA	4,532	173
O/W	4,705	
TOTAL		392

Actual PBTD @ 4740'.
PBTD @ 4748' @ initial Completion

COMMENTS AND RECOMMENDATIONS:

VGWU #89

API# 30-025-33429

8 5/8 @ 1540
CMT CIRC. to surface

6/5/96 - spud

12/2/97 - horiz
AC 28,000 gal
15% + N_2
46° 1322° W 17 S

SHL - 2000' FSL & 1070' FEL Sec 36, 17S, 34E

BHL - 3037' FSL & 39' FEL Sec 36, 17S, 34E

TVD 6000'

PV 4995'
CMT CIRC From DV to surface

BHL is within AOR

5856

5867

whip

5944-78, 6000-16, 6028-44, 6054-68
2 SPF 160 holes
AC 8000 gal 15%

T283'
EOL

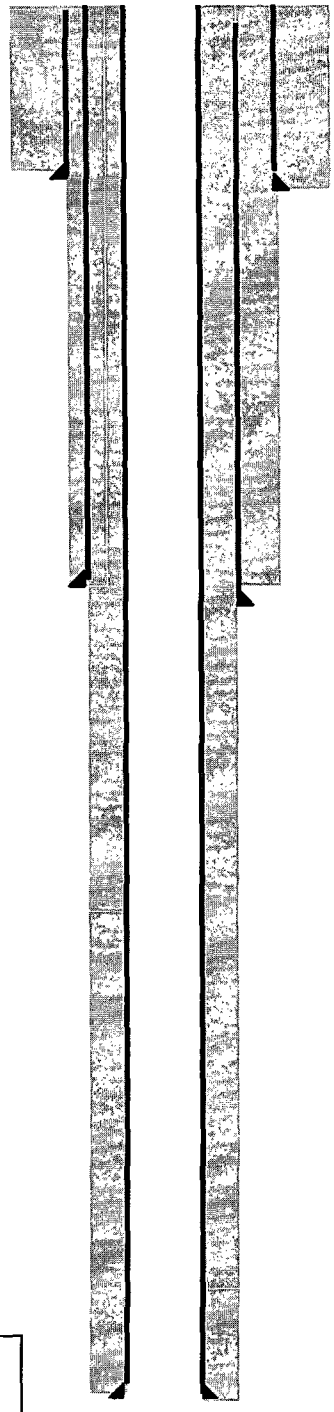
6/24/96 456° 94° W 144'

1st stage 225sx
2nd stage 1100sx

5 1/2" @ 6300
not circ

Marathon Warn State A/C 1 well# 7 API# - 30-025-33951
Vacuum; Wolfcamp

Unit F, 2036 FNL & 2089 FWL of S. 31, T17S, R35E
Lea County New Mexico



1385' 11-3/4" OD SURFACE CASING - CEMENTED WITH 815 SX. 14.75" hole

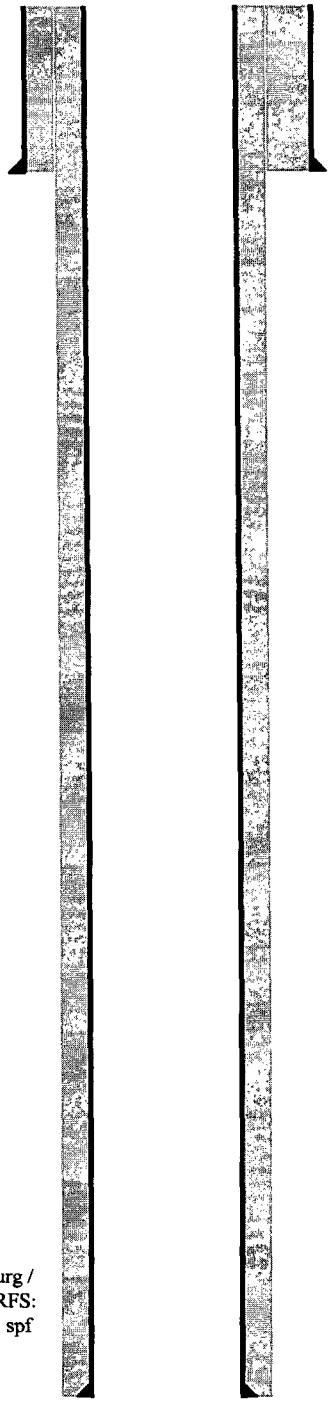
0'-3143' 8-5/8" OD SURFACE CASING - CEMENTED WITH 980 SX. cmt.

5.5" csg set from surf' to 11610'
w/ 2440 sx

TD = 11610'
PBTD = 10990'

GL ELEV= 3982'
KB ELEV = 4001'

ConocoPhillips East Vacuum GB/SA Unit Tr. 3127 well # 395
Unit I, 2630 FSL & 575 FEL of S 31, T17S, R35E
API# - 3002534832



0'-1565' 8-5/8" OD SURFACE CASING - CEMENTED WITH 535 SX. FB 280 SX 'C' Circ.

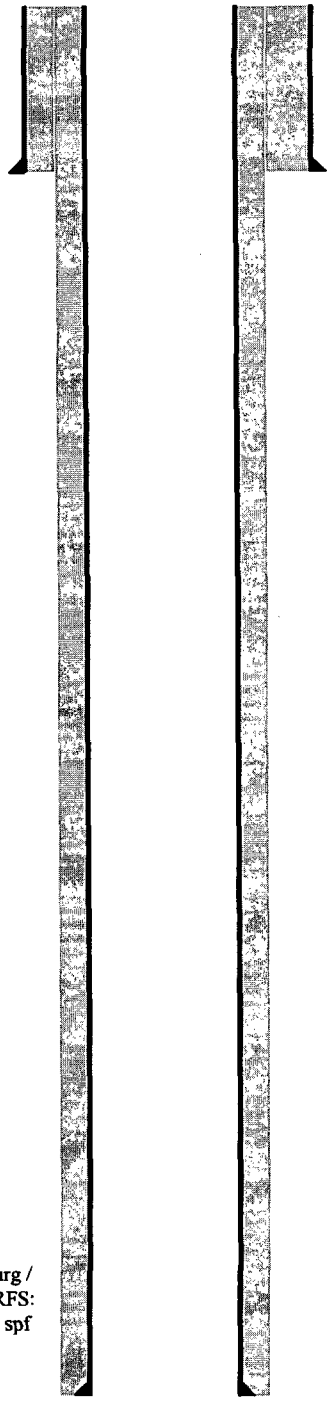
Vacuum Grayburg / San Andres PERFS: 4337 – 4461' 2 spf

0'-4269' 2-7/8 TBG
PKR @ 4269'
0'-4836' 5 1/2" OD PRODUCTION CASING - CEMENTED WITH 950 SX. POZ H Circulated.

TD= 4848'
PBTD: 4800'
GL ELEV= 3976'
KB ELEV= 3989'
'

ConocoPhillips East Vacuum GB/SA Unit Tr. 3127 well # 396
Unit J, 2630 FSL & 1950 FEL of S 31, T17S, R35E

API - 30 025 34833



0'-1549' 8-5/8" OD SURFACE CASING - CEMENTED WITH 535 SX. FB 280 SX 'C' Circ. 168 sx to pit

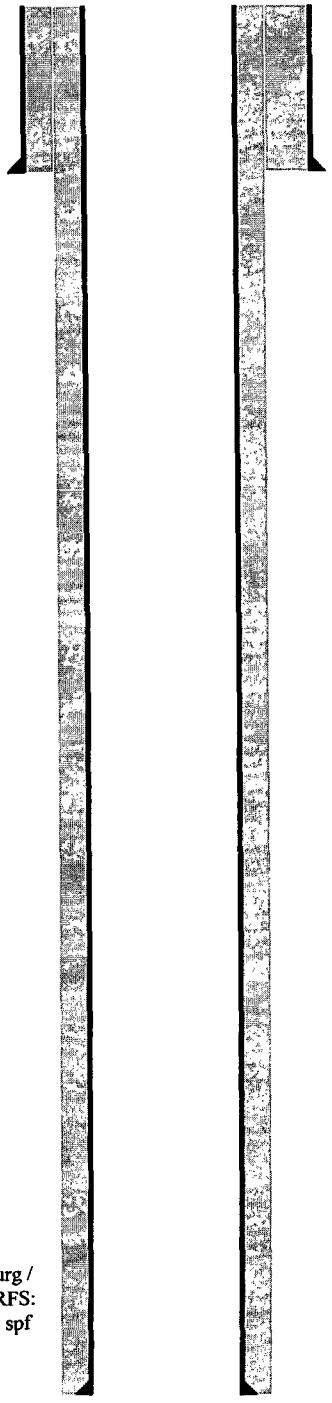
Vacuum Grayburg / San Andres PERFS: 4377 - 4520' 2 spf

0'-4340' 2-7/8 TBG
PKR @ 4325'
0'-4849' 5 1/2" OD PRODUCTION CASING - CEMENTED WITH 950 SX. POZ H - 89 sx circulated.

TD= 4850'
PBTD: 4803'
GL ELEV= 3976'
KB ELEV= 3989'

ConocoPhillips East Vacuum GB/SA Unit Tr. 3127 well # 397
Unit J, 1885 FSL & 2630 FEL of S 31, T17S, R35E

API # 30 025 34834



0'-1558' 8-5/8" OD SURFACE CASING - CEMENTED WITH 535 SX. FB 280 SX 'C' Circ. 94 sx to pit

Vacuum Grayburg / San Andres PERFS: 4346 – 4650' 2 spf

0'-4730' 2-7/8 TBG

0'-4850' 5 1/2" OD PRODUCTION CASING - CEMENTED WITH 850 SX. POZ H - less than 1 barrel circulated.

TD= 4850'
PBTD: 4811'
GL ELEV= 3977'
KB ELEV= 3990'

CURRENT WELLBORE DIAGRAM

Created:	1/1/2004	**By:** SMG					
Updated:	3/15/2004	**By:** George Garcia					
Lease:	Central Vacuum Unit	**Well No.:**	264H	**Field:**	Vacuum Grayburg San Andres		
Surface Location:	2100' FNL & 1390' FWL	**Unit Ltr:**	F	**Sec:**	31	**TSHP/Range:**	17S-35E
Bottomhole Location:	2030' FNL & 661' FEL	**Unit Ltr:**	H	**Sec:**	36	**TSHP/Range:**	17S-34E
County:	Lea	**St:** NM	**St Lease:** B-2317	**API:**	30-025-35628	**Cost Center:**	
Current Status:	Active Oil Well	**Elevation:**	3973' DF			TEPI:	UCT493000
Directions to Wellsite:	Buckeye, New Mexico					MVP:	BCT494500

Surface Csg.

Size:	9 5/8"
Wt.:	36#, K-55
Set @:	1526'
Sxs cmt:	700
Circ:	27 bbls cmt
TOC:	Surface
Hole Size:	12 1/4"

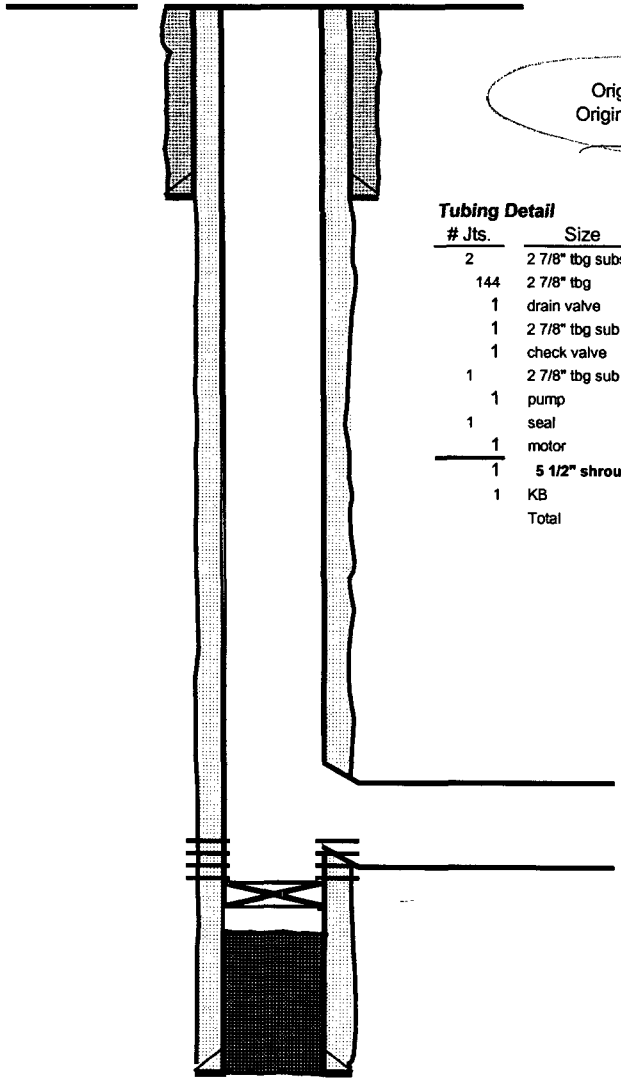
Production Csg.

Size:	7"
Wt.:	23#, J-55
Set @:	4288'
Sxs Cmt:	1100
Circ:	N/A
TOC:	Surface
Hole Size:	8 3/4"

Original TD:	
Top of Window:	4529'
Bottom of Window:	4537'
CIBP:	4545'
Lateral Open Hole:	4537'-4692'
Horizontal Drilling Interval:	4537'-4692'
Horizontal TD:	~~4680'~~ 6707
TMD:	6707'
TVD:	~~4680'~~ 4687
VS:	2051.78
PBTD:	4629'
TD:	~~6707'~~ 4689

Perforations:

Vacuum Grayburg San Andres	4529'-4537'



Vertical TD: ~~6707'~~ 4689'

KB: 3986'
DF: 3973'
GL: 3985'
Original Spud Date: 8/17/2001
Original Compl. Date: 9/24/2001

Tubing Detail **Date:** 1/9/2004

# Jts.	Size	Footage
2	2 7/8" tbg subs	20.00
144	2 7/8" tbg	4495.77
1	drain valve	0.55
1	2 7/8" tbg sub	4.1
1	check valve	0.53
1	2 7/8" tbg sub	4.10
1	pump	20.50
1	seal	5.59
1	motor	17.1
1	**5 1/2" shroud**	**25.00**
1	KB	14
	Total	4584.55'

Remarks:

CURRENT WELLBORE DIAGRAM

Created:	12/15/2003	**By:** SMG/MCD					
Updated:		**By:**					
Lease:	Central Vacuum Unit		**Well No.:** 163H			**Field:**	Vacuum Grayburg San Andres
Surface Location:	2050' FNL & 1014' FEL		**Unit Ltr:** H	**Sec:** 31		**TSHP/Range:**	17S-35E
Bottomhole Location:	2003' FNL & 2923' FEL		**Unit Ltr:** F	**Sec:** 31		**TSHP/Range:**	17S-35E
County:	Lea	**St:** NM	**St Lease:** B-1113-1		**API:** 30-025-36342	**Cost Center:**	
Current Status:	Active Oil Well		**Elevation:** 3985' GL			TEPI:	BCT493000
Directions to Wellsite:	Buckeye, New Mexico					MVP:	BCT494500

Surface Casing

Size:	8 5/8"
Wt.:	24#
Set @:	1550'
Sxs cmt:	745 sxs
Circ:	14 sxs to surface
TOC:	Surface
Hole Size:	12 1/4"

Production Casing

Size:	5 1/2"
Wt.:	15.5#
Set @:	4800'
Sxs Cmt:	1030 sxs
Circ:	180 sx to surface
TOC:	Surface
Hole Size:	7 7/8"

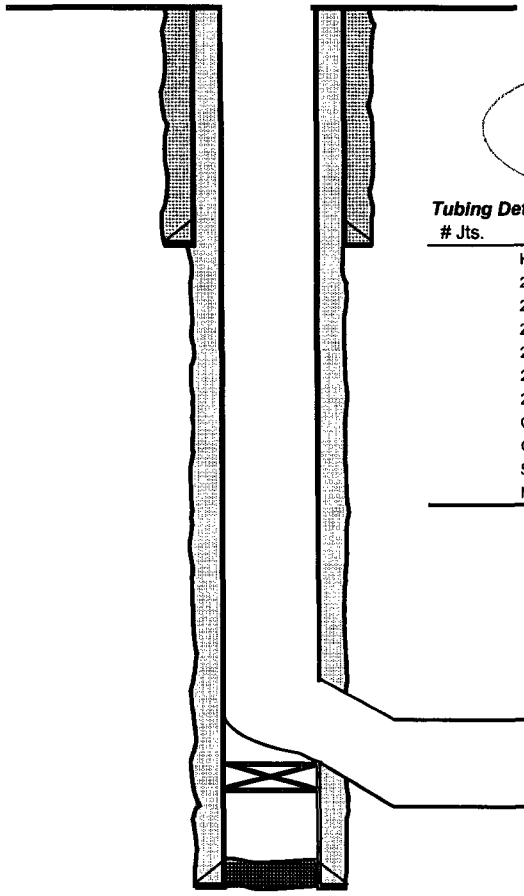
Vertical TD:	4800'
Original PBTD:	4755'
PBTD (CIBP):	4403'

Horizontal Information

Top of Horizontal Window:	4390'
Bot of Horizontal Window:	4397'
Lateral Open Hole:	4390'-6391', Open Hole
Horizontal Drilling Interval:	4390'-6391', Open Hole
Horizontal TD:	6391'
TMD:	6391'
TVD:	4680'
VS:	1909'

Perforations:

Horizontal Open Hole	4390'-6391'
Vertical Open Hole	4400'-4800'



KB: 3978'
DF: 3977'
GL: 3985'
Original Spud Date: 8/4/2003
Original Completion Date: 8/13/2003
Horizontal Spud Date: 11/5/2003
Horizontal Completion Date: 12/4/2003

Tubing Detail **Date:**

# Jts.	Size	Footage
	KB to hanger	
	2 7/8" J55 bare cl. 'B'	
	2 7/8" Drain Valve	
	2 7/8" J55 bare cl. 'B' sub	
	2 7/8" Check Valve	
	2 7/8" J55 bare cl. 'B' sub	
	2 7/8" X-over	
	ODI RC-12 Pump	
	Gas Separator	
	Seal	
	Motor	
	EOT	**0.00**

Remarks:

API 30-025-36342

Central Vacuum Unit #240 : SHL - 256.5' FSL & 2519.4' FWL, SEC 36, TWN 17-S, Range 34-E, Unit letter 'N' ; BHL - 10' FSL & 2560' FWL, SEC 36, TWN 17-S, Range 34-E, Unit Letter 'O
Central Vacuum Unit #260 : SHL – 1235.2' FNL & 2445.9' FWL, SEC 31, TWN 17-S, Range 35-E, Unit letter 'C'

III. We are requesting approvals for injection of water and CO2 into Central Vacuum Unit No.'s 240 and 260. **These are two replacement wells for previously permitted injection wells (Central Vacuum Unit 140 and 60) which are no longer active due to their mechanical condition.** A proposed schematic is attached for Central Vacuum Unit (CVU) 240 and 260 which are scheduled to be drilled in June of this year. The CVU is unitized in the Grayburg and San Andres formations from 4100' – 4800'. There is no active shallower production in the immediate vicinity of these proposed wells. The Yates is the only shallower zone that has produced at all in the area (~3200'), but there are no active wells within our Area Of Review's. At ~ 6100', the Paddock and Glorieta are utilized in the Vacuum Glorieta West Unit. This is the next productive interval below the Grayburg-San Andres.

V. Two maps are attached for each well: a large scale county map with ½ mile circle around the proposed well and a smaller scale map of the ½ mile radius which reflects wells within the AOR.

VI. A list of all wells within the AOR for each well proposed is provided. This list includes current status, location data, API numbers and spud date. The entire review area was covered by the C-108 application for the Central Vacuum Unit CO2 Injection Project, which was approved by Order No. R-5530-E dated April 30, 1997. Most pertinent well data in the review area was included in that previous submittal. Wellbore schematics are also attached to this request for wells drilled, horizontally recompleted, or plugged and abandoned since the data was compiled for the previously mentioned request (R-5530-E).

VII. 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. For the subject wells, CVU 240 and 260, we request approval to inject water, produced gas, and CO2 at the same surface injection pressure limits as the wells they are replacing, i.e. CVU 140 and 60 (in accordance with Order No. R-5530-E dated April 30, 1997)

New Well	Requested Surface Pressure	Old Well	OCD Allowed Surface Pressure
CVU 240	2130 psig, water	CVU 140	2130 psig, water
CVU 240	1850 psig, CO2	CVU 140	1850 psig, CO2
CVU 260	2000 psig, water	CVU 60	2000 psig, water
CVU 260	1850 psig, CO2	CVU 60	1850 psig, CO2

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.

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.

IX. Each well will be treated with ~8000g of 15% HCL

X. Attach 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.

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.

XII. We have extensively examined the geology in this area and have reinjected produced water in this zone. We have never found any fresh water contamination from injection or disposal into this zone and have no reason to believe that this project will jeopardize groundwater quality.

Application for Authorization to Inject (C-108)
List of Attachments

1. Form C-101's (application to drill) and C-102's (plats) for Central Vacuum Unit Nos. 240 and 260

2. Proposed wellbore schematics for Central Vacuum Unit 240 and 260

3. Two large-scale county maps showing 2 mile surrounding area and approximate ½ mile radius circle around each proposed well

4. Exact ½ mile radius maps around each proposed well

5. List of all wellbores that penetrate the proposed injection zone for each area of review

6. Wellbore schematics for any wells which have been drilled, P&A'd, or horizontally recompleted since the data was compiled for the C-108 for the Central Vacuum Unit CO2 flood; No. R-5530-E dated April 30, 1997.

7. Proof of Notice Summary Section

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 16, 2005

REQUEST TO PUBLISH
LEGAL NOTICE-Central Vacuum Unit 260
Hobbs News-Sun
201 N. Thorp
Hobbs, NM 88240

Attention: Classified Department

Chevron USA 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: David Smith, Room 2240. 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 David Smith at (432) 687-7758.

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachment

Legal Notice
(5/25/05)
5/19/05

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #260 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The new well will be located: 1235.2' FNL & 2445.9' FWL, in Section 31, Unit Letter 'C', Township 17 South, Range 35 East, Lea County, New Mexico. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2000 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 16, 2005

REQUEST TO PUBLISH
LEGAL NOTICE-Central Vacuum Unit 240
Hobbs News-Sun
201 N. Thorp
Hobbs, NM 88240

Attention: Classified Department

Chevron USA 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: David Smith, Room 2240. 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 David Smith at (432) 687-7758.

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachment

Legal Notice
(~~5/25/05~~)
5/20/05

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #240 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The well will be directionally drilled and will be located: 256.5' FSL & 2519.4' FWL, in Section 36, Unit Letter 'N', Township 17 South, Range 34 East, Lea County, New Mexico. The well's bottom hole location is projected to be 20' FSL and 2520' FWL of same Sec/Rng/Twp. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2130 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.

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

May 20 2005

and ending with the issue dated

May 20 2005

Kathi Bearden

Publisher

Sworn and subscribed to before me this 20th day of May 2005

Notary Public.

My Commission expires
February 07, 2009
(Seal)

OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEX
My Commission Expires:

Legal Notice
May 20, 2005

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #240 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The well will be directionally drilled and will be located: 256.5' FSL & 2519.4' FWL, in Section 36, Unit Letter 'N', Township 17 South, Range 34 East, Lea County, New Mexico. The well's bottom hole location is projected to be 20' FSL and 2520' FWL of same Sec/Rng/Twp. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2130 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.
21538#

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

49100176000 02576408

Chevron Texaco
15 Smith Rd.
MIDLAND, TX 79705

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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of 1

weeks.

Beginning with the issue dated

May 19 2005

and ending with the issue dated

May 19 2005

Publisher

Sworn and subscribed to before

me this 20th day of

May 2005

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 advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

Legal Notice
May 19, 2005

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #260 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The new well will be located: 1235.2' FNL & 2445.9' FWL in Section 31, Unit Letter 'C', Township 17 South, Range 35 East, Lea County, New Mexico. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2000 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.
#21534

49100176000 02576382

Chevron Texaco
15 Smith Rd.
MIDLAND, TX 79705

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 20, 2005

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

Yarbrough Oil L.P.
1008 W. Broadway
Hobbs, NM 88240

Dear Sir,

Chevron USA, Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin CO2 and water injection on Central Vacuum Unit wells 240 and 260.

Chevron plans to inject CO2 and water to improve enhance production of the CVU tertiary recovery project.

Attached is the NMOCD Form C-108 with information relative to the water injection on 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) 687-7114

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 20, 2005

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

Chesapeake Energy
P.O. Box 11050
Midland, TX 79702

Dear Sir,

Chevron USA, Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin CO2 and water injection on Central Vacuum Unit wells 240 and 260.

Chevron plans to inject CO2 and water to improve enhance production of the CVU tertiary recovery project.

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Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 20, 2005

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

ConocoPhillips
Land Dept.
550 Westlake Blvd
Building 3
Houston, TX 77079

Attention: Mary Ann McEwin

Mary Ann,

Chevron USA, Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin CO2 and water injection on Central Vacuum Unit wells 240 and 260.

Chevron plans to inject CO2 and water to improve enhance production of the CVU tertiary recovery project.

Attached is the NMOCD Form C-108 with information relative to the water injection on 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) 687-7114

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 20, 2005

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

Marathon Oil Co.
Southern Business Unit
West Texas & New Mexico Asset Team
PO Box 3487
Houston, TX 77253-3487

Attention: Paul Tauscher

Dear Sir,

Chevron USA, Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin CO2 and water injection on Central Vacuum Unit wells 240 and 260.

Chevron plans to inject CO2 and water to improve enhance production of the CVU tertiary recovery project.

Attached is the NMOCD Form C-108 with information relative to the water injection on 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) 687-7114

Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

ChevronTexaco
Mike Reeves
Technical Assistant
New Mexico Team
15 Smith Road
Midland, TX 79705
mreeves@chevrontexaco.com

ChevronTexaco

May 20, 2005

NOTICE OF APPLICATION FOR AUTHORIZATION TO INJECT – OCD FORM C-108 CENTRAL VACUUM UNIT 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 USA, Inc. as operator of the Central Vacuum Unit, has filed an application with the New Mexico Oil Conservation Division to begin CO2 and water injection on Central Vacuum Unit wells 240 and 260.

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Sincerely,

Mike Reeves
Technical Assistant
New Mexico Team

Attachments

Application for Authorization to Inject
Central Vacuum Unit wells 240 and 260

Attached is the last of our proof of notice. If I have left anything out or something was not received please let me know as soon as possible so that I can get it to you.

Thanks,
Mike Reeves
(432) 687-7114

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

May 19 2005

and ending with the issue dated

May 19 2005

Publisher

Sworn and subscribed to before

me this 20th day of

May 2005

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 advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

RECEIVED
JUN 13 2005
OIL CONSERVATION
DIVISION

Legal Notice
May 19, 2005

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #260 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The new well will be located: 1235.2' FNL & 2445.9' FWL, in Section 31, Unit Letter 'C', Township 17 South, Range 35 East, Lea County, New Mexico. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2000 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.
#21534

49100176000 02576382

Chevron Texaco
15 Smith Rd.
MIDLAND, TX 79705

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

May 20 2005

and ending with the issue dated

May 20 2005

Kathi Bearden

Publisher

Sworn and subscribed to before me this 20th day of May 2005

Notary Public.

My Commission expires
February 07, 2009
(Seal)

OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEX
My Commission Expires:

Legal Notice
May 20, 2005

Chevron USA Inc. has applied to the Oil Conservation Division of the State of New Mexico for approval to inject water and CO2 on CVU #240 in the Central Vacuum Unit. Injection into this new well is designed to enhance production of the CVU tertiary recovery project. The well will be directionally drilled and will be located: 256.5' FSL & 2519.4' FWL, in Section 36, Unit Letter 'N', Township 17 South, Range 34, East, Lea County, New Mexico. The well's bottom hole location is projected to be 20' FSL and 2520' FWL of same Sec/Rng/Twp. Water and CO2 will be injected into the unitized interval of the Grayburg San Andres pool of the Vacuum field. Injection will be at an expected maximum rate of 3,000 barrels of water per day or 10 MMCF of CO2 per day and an expected maximum surface pressure of 2130 pounds psi on water or 1850 psi for CO2. Persons wanting to contact Chevron USA should direct their inquiries to David Smith, Chevron USA, 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.
21538#

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

49100176000 02576408

Chevron Texaco
15 Smith Rd.
MIDLAND, TX 79705

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1. Article Addressed to:

Yarbrough Oil L.P.
1008 W. Broadway
Hobbs, NM 88240

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

MIDLAND-ODESSA TX 797 05

C. Signature
X [signature] ☒ Agent ☐ Addressee

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

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label) 7002 3150 0005 0487 4796

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

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1. Article Addressed to:

Marathon Oil Co.
Southern Business Unit
West Texas + NM Asset Team
Po Box 3487
Houston, TX 77253-3487

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) GUY S. RUSSELL # 52 B. Date of Delivery MAY 26 2005

C. Signature
X ☐ Agent ☐ Addressee

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

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label) 7002 3150 0005 0487 4789

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1. Article Addressed to:

Chesapeake Energy
2010 Rankin Hwy
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) S. Strickland B. Date of Delivery 5-24

C. Signature
X [signature] ☐ Agent ☐ Addressee

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

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
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4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label) 7002 2410 0001 5905 6624

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1. Article Addressed to:

Conoco Phillips
550 Westlake Blvd
Bldg 3
Houston, Tx 77079

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) HERNANDEZ B. Date of Delivery 5-25-05

C. Signature
X [signature] ☐ Agent ☐ Addressee

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

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

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PS I... 102595-00-M-0952

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1. Article Addressed to:

NM State Land office
Po Box 1148
Sante Fe, N.M.
87504-1148

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature
X [signature] ☐ Agent ☐ Addressee

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

MAY 25 2005

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

4. Restricted Delivery? (Extra Fee) ☐ Yes