

DATE IN 8/22/08	SUSPENSE	ENGINEER W Jones	LOGGED IN 8/25/08	TYPE SWD	APP NO. PKVR08 23832927
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



CHEVRON
B-F-12
B#12

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATION 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]

SWD-1194

- [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
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Re.
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR
- [D] Other: Specify _____

orig

- [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

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- [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.

 Carolyn Haynie
 Print or Type Name

Carolyn Haynie

 Signature

 Petro. Engineer Technical Assistant
 Title

8-5-08

 Date

 chay@chevron.com
 e-mail Address

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

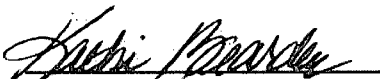
PUBLISHER

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

of 2 issue(s).

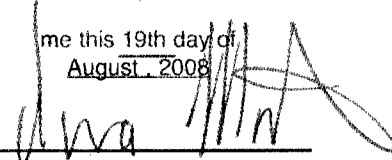
Beginning with the issue dated August 19, 2008

and ending with the issue dated August 19, 2008


PUBLISHER

Sworn and subscribed to before

me this 19th day of
August, 2008


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

August 18, 2008

Notice is hereby given of the application of CHEVRON U.S.A., INC., 15 Smith Road, Midland, TX 79705, (432) 687-7261, to the Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, for the approval of the following oil well to be converted for the purpose of water disposal:

From: B. F. Harrison B #12 (30-025-32172)

To: B.F. Harrison B #12, Salt Water Disposal well.

Located at 760' FNL & 2100'

FWL of Sec 9 - T23S

R37E Unit C Lea Co. NM.

The injection formation is the Lower San Andres located between the interval of 4200' MD to 5000' MD below the surface of the ground. Expected maximum injection rate will be 9000 barrels per day and the expected injection pressure is 845 psi.

Interested parties should file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505 within 15 days of this notice.
#24325

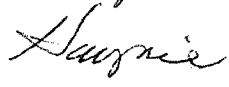
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CHEVRON USA, INC.

ATTN: ~~NANCY GAYNE~~

15 SMITH ROAD

MIDLAND, TX. 79705



Carolyn Haynie
Petroleum Engineering
Technical Assistance

Permian Business Unit
Chevron U.S.A Inc.
15 Smith Road
Midland, TX 79705
Tel 432-687-7261
Fax 432-687-7558
chay@chevron.com

August 5, 2008

New Mexico Oil Conservations Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

**RE: APPLICATION FOR AUTHORIZATION
TO INJECT AS SWD - OCD FORM C-108
B. F. HARRISON "B" WELL #12
LEA COUNTY, NEW MEXICO**

Chevron U.S.A., Inc. respectfully requests administration approval to inject salt water into the B. F. Harrison 'B' #12, (API # 30-025-32172), which is located: 760' FNL & 2100' FWL, Unit Letter C, Section 9, T23S, R37E, Lea County, New Mexico. This application was previously approved but the permit lapsed during a company reorganization and a change of office personal.

The injection interval will be in the lower San Andres and there is no Lower San Andres production from this interval in the immediate area. The injection interval will be approximately 4200' to 5000'.

Attached is an OCD Form C-108 with information relative to the SWD injection of the referenced well. A copy of the letter sent to applicable surface land owners and offset operators is included in the attachments.

Your prompt consideration and approval of this application will be greatly appreciated. If additional information is required, you may contact me at 432-687-7261 or email me at chay@chevron.com.

Sincerely,

A handwritten signature in cursive script that reads "Carolyn Haynie".

Carolyn Haynie
Chevron U.S.A. Inc.
Petroleum Engineering TA
New Mexico – Eunice Primary

Enclosure

cc: NMOCD – Hobbs District 2
Mike Howell
Lease File
Danny Lovell

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ 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: CAROLYN HAYNIE PHONE: 432-687-7261
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes _____ X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- 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: CAROLYN HAYNIE TITLE: PETROLEUM ENG TA
SIGNATURE: *Carolyn Haynie* DATE: 8-5-08
E-MAIL ADDRESS: chay@chevron.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted.
Please show the date and circumstances of the earlier submittal: May 5, 2004, Approved
- 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.

INJECTION WELL DATA SHEETTubing Size: 2-7/8" Lining Material: PlasticType of Packer: TensionPacker Setting Depth: NAOther Type of Tubing/Casing Seal (if applicable): Packer fluids in the annulusAdditional Data

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

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

Oil Producer in the Fusselman Formation

2. Name of the Injection Formation: Lower San Andres

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

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

Langlie Mattix Seven Rivers/Queen/Grayburg (2800'-3800'), Upper San Andres @ 3822'-4000'),Teague Ellenburger @ 10,000', Teague Fusselman @ 8800', Teague Devonian @ 7500',Teague Blinebry @ 5600'.

INJECTION WELL DATA SHEET

OPERATOR: CHEVRON U.S.A. INC.WELL NAME & NUMBER: B.F. HENDERSON "B" # 12 SALT WATER DISPOSALWELL LOCATION: 760' FNL & 2100' FWL, C 9 23S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface CasingHole Size: 14-3/4" Casing Size: 11-3/4"
Cemented with: 750' sx. or ft³
Top of Cement: Surface Method Determined: CirculationIntermediate CasingHole Size: 11" Casing Size: 8-5/8"
Cemented with: 1775 sx. or ft³
Top of Cement: Surface Method Determined: CirculationProduction CasingHole Size: 7-7/8" Casing Size: 5-1/2"
Cemented with: 2180 sx. or ft³
Top of Cement: Surface Method Determined: CirculationTotal Depth 8950'Injection Interval4200' feet to 5000'

(Perforated)



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

March 27, 2001

Lori Wrotenbery

Director

Oil Conservation Division

FOR RECORD ONLY

Texaco Exploration and Production, Inc.

P. O. Box 3109

Midland, Texas 79702

Attention: Tim Nein

AMENDED

*Reinstatement of Division
Administrative Order NSP-1717*

Dear Mr. Nein:

Reference is made to your letter dated March 12, 2001 requesting further revision to the provisions of Division Administrative Order NSP-1717, dated February 2, 1995, as revised by order dated March 6, 2001.

By Administrative Order NSP-1717, dated February 2, 2001, the Division initially established a non-standard 120-acre gas spacing and proration unit within the North Teague-Tubb Associated Pool comprising the NE/4 NW/4 and the S/2 NW/4 of Section 9, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to Texaco Exploration and Production, Inc.'s ("Texaco") B. F. Harrison "B" Well No. 25 (API No. 30-025-32499), located at a standard gas well location 825 feet from the North line and 1980 feet from the West line (Unit C) of Section 9.

On March 6, 2001 the Division issued a revision to this order changing well dedication of this 120-acre unit from the above-described B. F. Harrison "B" Well No. 25 to Texaco's B. F. Harrison "B" Well No. 12 (API No. 30-025-32172), located at an unorthodox gas well location 760 feet from the North line and 2100 feet from the West line (Unit C) of Section 9.

It is understood at this time that unforeseen economic circumstances caused Texaco to abandon its plans to complete the B. F. Harrison "B" Well No. 12 in the Tubb interval and that Texaco now intends to recomplete its B. F. Harrison "B" Well No. 25 in order to reestablish Tubb gas production.

Pursuant to the applicable provisions of the "General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico/Special Rules and Regulations for the North Teague-Tubb Associated Pool," as promulgated by Division Order No. R-5353, as amended, the above-described 120-acre non-standard gas spacing and proration unit within the North Teague-Tubb Associated Pool is to be dedicated to Texaco's B. F.

Amended Reinstatement of Division
Administrative Order NSP-1717
March 27, 2001
Page 2

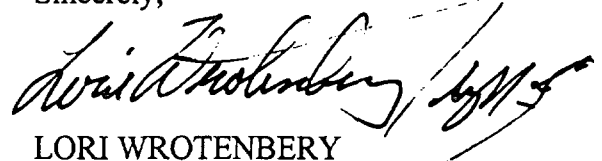
Harrison "B" Well No. 25.

This order shall serve to reinstate Division Administrative Order NSP-1717, dated February 2, 1995, to its full extent. Further, the revised order issued by the Division on March 6, 2001 is hereby rescinded.

Texaco is permitted to produce the allowable assigned the subject non-standard unit in accordance with the applicable provisions of the Division's associated pool rules based upon a unit size of 120 acres.

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

A handwritten signature in black ink, appearing to read "Lori Wrotenbery", with a stylized flourish at the end.

LORI WROTENBERY
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs /
File: NSP-1717 (February 2, 1995)
NSP-1717 (L) [March 6, 2001]

FORM C-108 continued

Part III. A

- 1) Lease: B.F. Harrison "B"
Well No. 12 SWD
API # 30-025-32172
760' FNL & 2100' FWL
Section 9, T23S, R37E, Unit C
Lea County, New Mexico
- 2) See attached wellbore schematics for casing in this well.
- 3) Propose to run approximately 4150' of 2-7/8" plastic lined tubing.
- 4) Propose to use a tension packer as a seal and load the casing annulus with packer fluid.

Part III. B

- 1) The injection interval will be in the Lower San Andres and there is no Lower San Andres production from this interval in the immediate area.
- 2) The injection interval will be approximately 4200' to 5000'.
- 3) This well originally produced from the Teague Fusselman whereby the perfs at 8768'-8824' have been squeezed, and is temporarily abandoned with a CIBP set @ 8715'.
- 4) There was no other production zone in this well.
- 5) There is production above and below the San Andres in this area. The Langlie Mattix Seven Rivers/Queen/Grayburg at approximately 2800'-3800', Upper San Andres at 3822', Teague Ellenburger at 10,000', Teague Fusselman at 8800' Teague Devonian at 7500' and Teague Blinbry at 5600'.

Part VII.

- 1) Proposed average daily injection will be 5,000 bbls/day. Maximum will be 9,000 bbls/day.

FORM C-108 continued

- 2) The system will be closed.
- 3) The average injection pressure will be 500 psi. The maximum will not exceed the limits set forth by the OCD.
- 4) The source of the water will be Chevron U.S.A. Inc. operated wells in the immediate area.
- 5) The Lower San Andres is not productive within one mile of the B.F. Harrison "B" # 12 SWD well. Water analysis is attached.

Part VIII.

The Injection interval is the lower San Andres and is composed of primarily limestone and porous dolomite with occasional anhydrite and thin shale stringers, and is approximately 1200' thick. The top of the San Andres is at approximately 3822'. This entire area is overlain by the Quaternary Alluvium. The Ogallala is the main fresh water source in this area at a depth of 100' to 300' deep.

Part IX.

The disposal interval will be treated with a breakdown acid job.

Part X.

The logs will be submitted when the well is completed.

Part XI.

There are active fresh water wells within one mile of the B.F. Harrison "B" # 12 SWD location. The analysis for these wells is attached.

Part XII.

We have examined all available geologic and engineering data, and find no evidence of open faults or any other hydrologic connection between the disposal interval and any underground source of drinking water.

CHECKLIST FOR ADMINISTRATIVE INJECTION APPLICATIONS

Operator: Chevron U.S.A., Inc.

Well: B. F. Harrison "B" Well No. 12

Contact: Carolyn Haynie

Title: Petroleum Eng TA

Phone: 432-687-7261

Date in: _____

Release Date: _____

Date out: _____

Proposed Injection Application is for: Expansion Initial

Original Order: R- _____ _____ Secondary Recovery _____ Pressure Maintenance

SENSITIVE AREAS

 X SALT WATER DISPOSAL

 WIPP Capitan Reef Commercial Operation

Data is complete for proposed well(s)? X Additional Data _____

AREA of REVIEW WELLS

 61 Total # of AOR

 9 # of Plugged Wells

 Yes Tabulation Complete

 Yes Schematics of P&A's

 Yes Cement Tops Adequate

 No AOR Repair Required

INJECTION INFORMATION

Injection Formation(s): Lower San Andres

Source of Water: Chevron wells in the area

Compatible: Yes

PROOF OF NOTICE

 Copy of Legal Notice

 Information Printed Clearly

 Correct Operators

 Copies of Certified Mail Receipts

 Objection Received

 Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINSTRATIVE APPROVAL: Yes (Yes/No)

Communication with contact person:

1st Contact: Telephoned Letter _____ Date Nature of Discussion _____

2nd Contact: Telephoned Letter _____ Date Nature of Discussion _____

3rd Contact: Telephoned Letter _____ Date Nature of Discussion _____

**B. F. HARRISON "B" #12-SWD
COMPLETION PROCEDURE**

DATE: August 20, 2008

FIELD: N. TEAGUE

LOCATION: 760' FNL 2100' FWL SEC. 9, T23S, R37E, LEA COUNTY, NM

ZONE: SAN ANDRES

TYPE: SWD

SURFACE CASING: 11-3/4", 42#, WC-40, STC csg set at 1180' in 14-3/4" hole. Cemented w/750 sx cmt. Circ w/70 sx cmt to surface.

INTERMEDIATE CASING: 8-5/8", 32#, K-55 & S-80 csg set at 3750' in 11" hole. Cemented w/1775 sx cmt. Circ w/500 sx cmt to surface.

PRODUCTION CASING: 5-1/2", 15.5# & 17#, J-55 csg set at 8950' in 7-7/8" hole. Cemented w/2180 sx cmt. Circ w/375 sx cmt to surface. TD: 8950'.

The lower San Andres will be completed as a SWD completion from 4225-4960'. After acidizing, the well should dispose of field produced water on vacuum. The lower San Andres reservoir pressure is equivalent to a 7 ppg EMW.

1. TIH with a 4-3/4" bit and cleanout to 8715'.
2. Pull bit out of hole.
3. Rig up perforators. Perf interval f/ 4225-4960' w/4 shots per foot.
4. RIH w/tubing & packer. Set packer @ 4200'.
5. Acidize perms w/7000 gals 15% acid.

6. POH w/tubing and packer.
7. RIH w/plastic-coated tubing and packer.
8.
 - a) Set packer at 4200' in 10,000 lbs compression.
 - b) Test annulus to 500 psi to test packer and tubing.
 - c) Set plug in profile. Release on/off tool.
 - d) Circulate packer fluid (1 drum of Champion RDF-134 per 100 bbls fresh water).
 - e) Latch onto on/off tool. Set in 10k compression. Retrieve plug in profile.
 - f) Install master valve.
 - g) Change out gate valve on bradenhead with a 2" 3000 psi Balon ball valve (H2S trim). Use the nipple that is currently on wellhead. Return gate valve to warehouse to be used on next available wellhead. Do not change out gate valves on 5-1/2" casing.
 - h) Plumb bradenhead valve to surface.
 - i) Run mechanical integrity test by testing annulus to 1500 psi for 30 minutes. Record on circle chart. Send chart to NMOCD. Notify the NMOCD in Hobbs 24 hrs prior to testing casing.
 - j) Install 500 psi pressure gauge on 5-1/2" x 2-7/8" annulus (pressure gauge required by NMOCD).

Mike Howell
NM Petroleum Engineer

LIST OF WELLS WITHIN 1/2 MILE RADIUS OF B. F. HARRISON B #12

Well Name	Well No.	API #	Field	Reservoir	Status	Location	Unit Letter	Sec.	Tsp	Rge	CO.	TD	Company
Davis, F. B.	1	30-025-32226	N Teague	Paddock, L./ Blinbry	Active	660 FNL & 500 FEL	A	8	23S	37E	Lea	7700'	Chevron USA Inc.
Davis, F. B.	1	30-025-32226	N Teague	Drinkard-Abo-Tubb	Active	660 FNL & 500 FEL	A	8	23S	37E	Lea	7700'	Chevron USA Inc.
Davis, F. B.	2	30-025-32227	N Teague	Paddock	Active	510 FNL & 500 FEL	A	8	23S	37E	Lea	5400'	Chevron USA Inc.
Davis, F. B.	4H	30-025-32229	N Teague	Glorieta/Paddock	Active	2004' FNL & 650' FEL	H	8	23S	37E	Lea	6398'	Chevron USA Inc.
Harrison, B. F. B	1	30-025-30200	N Teague	Drinkard-Abo	Active	593 FNL & 1707 FWL	C	9	23S	37E	Lea	10250'	Chevron USA Inc.
Harrison, B. F. B	1	30-025-30200	N Teague	Eilenburger	Inactive	593 FNL & 1707 FWL	C	9	23S	37E	Lea	10250'	Chevron USA Inc.
Harrison, B. F. B	2	30-025-30568	N Teague	Wolfcamp	TAD	1980 FNL & 1800 FWL	F	9	23S	37E	Lea	10258'	Chevron USA Inc.
Harrison, B. F. B	2	30-025-30568	N Teague	Ellenburger	Inactive	1980 FNL & 1800 FWL	F	9	23S	37E	Lea	10258'	Chevron USA Inc.
Harrison, B. F. B	3	30-025-31199	NW Teague	Devonian	Active	340 FNL & 1700 FWL	C	9	23S	37E	Lea	8907'	Chevron USA Inc.
Harrison, B. F. B	3	30-025-31199	NW Teague	Fusselman	Inactive	340 FNL & 1700 FWL	C	9	23S	37E	Lea	8907'	Chevron USA Inc.
Harrison, B. F. B	4	30-025-31200	N Teague	Drinkard-Abo	Active	660 FNL & 800 FWL	D	9	23S	37E	Lea	10402'	Chevron USA Inc.
Harrison, B. F. B	4	30-025-31200	N Teague	Fusselman/Eilenburger	Inactive	660 FNL & 800 FWL	D	9	23S	37E	Lea	10402'	Chevron USA Inc.
Harrison, B. F. B	5	30-025-31201	N Teague	Paddock, L./ Blinbry	Active-Gas	1950 FNL & 560 FWL	E	9	23S	37E	Lea	10307'	Chevron USA Inc.
Harrison, B. F. B	6	30-025-31539	N Teague	Fusselman	Inactive	1654 FNL & 1700 FWL	F	9	23S	37E	Lea	8950'	Chevron USA Inc.
Harrison, B. F. B	6H	30-025-31539	N Teague	Drinkard-Abo	Active	1654 FNL & 1700 FWL	F	9	23S	37E	Lea	8950'	Chevron USA Inc.
Harrison, B. F. B	7	30-025-31794	N Teague	Paddock, L.	Active	510 FNL & 800 FWL	D	9	23S	37E	Lea	9000'	Chevron USA Inc.
Harrison, B. F. B	8	30-025-31955	SW Teague	Glorieta, L., Paddock	Active	510 FNL & 660 FWL	D	9	23S	37E	Lea	5400'	Chevron USA Inc.
Harrison, B. F. B	10	30-025-32106	SW Teague	Glorieta, L., Paddock	Active	1780 FNL & 660 FWL	E	9	23S	37E	Lea	5448'	Chevron USA Inc.
Harrison, B. F. B	11	30-025-32107	Langlie Matix	Paddock, L.	Active	560 FNL & 2100 FWL	C	9	23S	37E	Lea	5400'	Chevron USA Inc.
Harrison, B. F. B	12	30-025-32172	N Teague	Fusselman	TAD	760 FNL & 2100 FWL	C	9	23S	37E	Lea	8950'	Chevron USA Inc.
Harrison, B. F. B	13	30-025-32175	N Teague	Devonian	Inactive	513 FNL & 556 FWL	D	9	23S	37E	Lea	7700'	Chevron USA Inc.
Harrison, B. F. B	14H	30-025-32173	N Teague	Paddock, L.	Active	1800 FNL & 1650 FWL	F	9	23S	37E	Lea	6490'	Chevron USA Inc.
Harrison, B. F. B	WD-16	30-025-32443	SWD	San Andres	Active-SWD	996 FNL & 531 FWL	D	9	23S	37E	Lea	4960'	Chevron USA Inc.
Harrison, B. F. B	17	30-025-32497	N Teague	Tubb/DK/Abo	Active	990 FNL & 910 FWL	D	9	23S	37E	Lea	7250'	Chevron USA Inc.
Harrison, B. F. B	18H	30-025-32159	N Teague	Paddock, L.	Active	990 FNL & 660 FWL	D	9	23S	37E	Lea	6150'	Chevron USA Inc.
Harrison, B. F. B	23	30-025-32498	N Teague	DRK/ABO	Active	1815 FNL & 1815 FWL	F	9	23S	37E	Lea	7150'	Chevron USA Inc.
Harrison, B. F. B	25	30-025-32499	N Teague	Blinbry/Tubb - (DHC)	Active	825 FNL & 1980 FWL	C	9	23S	37E	Lea	7150'	Chevron USA Inc.
Harrison, B. F. C	1	30-025-31956	N Teague	Paddock, L.	TAD	1840 FSL & 670 FWL	L	9	23S	37E	Lea	6000'	Breck Operating Co.
Sims, G. W.	1	30-025-32223	N Teague	Tubb, DK, Abo (DHC)	Active	510' FNL & 2230' FEL	B	9	23S	37E	Lea	7750'	Chevron USA Inc.
Sims, G. W.	3	30-025-32294	N Teague	Paddock, L./Blinbry	P&AD 2-2-01	760 FNL & 1900 FEL	B	9	23S	37E	Lea	6100'	Chevron USA Inc.
Sims, G. W.	4	30-025-32900	N Teague	Drinkard-Abo	Active	1980 FNL & 2310 FEL	G	9	23S	37E	Lea	7250'	Chevron USA Inc.
Sims, G. W.	4	30-025-32900	N Teague	Paddock, L./Blinbry	Active	1980 FNL & 2310 FEL	G	9	23S	37E	Lea	7250'	Chevron USA Inc.
Sims, G. W.	5	30-025-35502	N Teague	Tubb/DK/Abo	Active	990 FNL & 2310 FEL	B	9	23S	37E	Lea	7250'	Chevron USA Inc.

LIST OF WELLS WITHIN 1/2 MILE RADIUS OF B. F. HARRISON B #12

Well Name	Well No.	API #	Field	Reservoir	Status	Location	Unit Letter	Sec.	Tsp	Rge	CO.	TD	Company
Sims, R. R. A	1	30-025-30483	N Teague	Ellen/Dev/Wolfcamp/ Blinebry	Inactive	330 FSL & 2308 FWL	N	4	23S	37E	Lea	10254	Chevron USA Inc.
Sims, R. R. A	1	30-025-30483	N Teague	Grayburg	Active	330 FSL & 2308 FWL	N	4	23S	37E	Lea	10254	Chevron USA Inc.
Sims, R. R. A	2	30-025-31538	N Teague	San Andres	Active	660 FSL & 1650 FWL	N	4	23S	37E	Lea	8965'	Chevron USA Inc.
Sims, R. R. A	2	30-025-31538	N Teague	Dev-Drk-Abo	Inactive	660 FSL & 1650 FWL	N	4	23S	37E	Lea	8965'	Chevron USA Inc.
Sims, R. R. A	3	30-025-32160	N Teague	DKR/ABO	Active	380 FSL & 2175 FWL	N	4	23S	37E	Lea	8950'	Chevron USA Inc.
Sims, R. R. A	4	30-025-32225	NW Teague	Devonian	P&AD 3-17-00	380 FSL & 960' FWL	N	4	23S	37E	Lea	7700'	Chevron USA Inc.
Sims, R. R. A	6	30-025-32944	SW Teague	Glorieta, L.	TA'd	500 FSL & 375 FWL	M	4	23S	37E	Lea	5531'	Chevron USA Inc.
Sims, R. R. A	6	30-025-32944	Langlie-Mattix	Grayburg	Active	500 FSL & 375 FWL	M	4	23S	37E	Lea	5472'	Chevron USA Inc.
Sims, R. R. A	6	30-025-32944	NW Teague	San Andres	Inactive	500 FSL & 375 FWL	M	4	23S	37E	Lea	5472'	Chevron USA Inc.
Sims, R. R. A	7	30-025-32501	N Teague	DKR/ABO	P&AD 8-29-00	825 FSL & 604 FWL	M	4	23S	37E	Lea	7150'	Chevron USA Inc.
Sims, R. R. A	8	30-025-32901	N Teague	Paddock/Blinebry/Tubb	P&AD 3-26-01	660 FSL & 1930 FEL	N	4	23S	37E	Lea	7250'	Chevron USA Inc.
Sims, R. R. A	9	30-025-35051	N Teague	DKR/ABO	Active	330 FSL & 1010 FWL	M	4	23S	37E	Lea	7420'	Chevron USA Inc.
Sims, R. R. A	9	30-025-35051	N Teague	Paddock/Blinebry	Active	330 FSL & 1010 FWL	M	4	23S	37E	Lea	7420'	Chevron USA Inc.
Sims, R. R. B	1	30-025-32902	N Teague	Paddock, L./Blinebry	Active	535 FSL & 2030 FEL	O	4	23S	37E	Lea	7250'	Chevron USA Inc.
Sims, R. R. B	1	30-025-32902	NW Teague	Tubb	Active	535 FSL & 2030 FEL	O	4	23S	37E	Lea	7250'	Chevron USA Inc.
Sims, R. R. B	33	30-025-10623	Langlie-Mattix	7Rivers, Qn	TA'd	550 FSL & 990 FWL	M	4	23S	37E	Lea	3650'	Cinmarex Energy of Colorad
Sims, R. R. B	34	30-025-10622	Langlie-Mattix	7Rivers, Qn	TA'd	660 FSL & 1980 FWL	N	4	23S	37E	Lea	3650'	Cinmarex Energy of Colorad
Sims, R. R. B	35	30-025-10621	Langlie-Mattix	7Rivers, Qn	Active	660 FSL & 1980 FEL	O	4	23S	37E	Lea	3670'	Cinmarex Energy of Colorad
Sims, R. R. B	41	30-025-10684	Langlie-Mattix	7Rivers, Qn	P&AD 8-9-04	660 FNL & 1980 FWL	C	9	23S	37E	Lea	3763'	Celero Energy Inc.
Sims, R. R. B	42	30-025-10685	Langlie-Mattix	7Rivers, Qn	TA'd	660 FNL & 660 FWL	D	9	23S	37E	Lea	3682'	Whiting Oil and Gas Corp
Sims, R. R. B	45	30-025-10691	Langlie-Mattix	7Rivers, Qn	Active	660 FNL & 660 FEL	A	9	23S	37E	Lea	3713'	Cinmarex Energy of Colorad
Sims, R. R. B	46	30-025-10692	Langlie-Mattix	7Rivers, Qn	P&AD 6-20-07	660 FNL & 1980 FEL	B	9	23S	37E	Lea	3642'	Cinmarex Energy of Colorad
Sims, R. R. B	47	30-025-10682	Langlie-Mattix	7Rivers, Qn	Active	1980 FNL & 1980 FEL	G	9	23S	37E	Lea	3650'	Cinmarex Energy of Colorad
Sims, R. R. B	51	30-025-10683	Langlie-Mattix	7Rivers, Qn	P&AD 4-29-93	1980 FNL & 760 FWL	E	9	23S	37E	Lea	3630'	Oxy USA Inc.
Sims, R. R. B	52	30-025-10686	Langlie-Mattix	7Rivers, Qn	P&AD 9-2-97	1980 FNL & 1980 FWL	F	9	23S	37E	Lea	3654'	Oxy USA Inc.
Sims, R. R. B	53	30-025-10688	Langlie-Mattix	7Rivers, Qn	Active	1980 FSL & 1980 FWL	K	9	23S	37E	Lea	3660'	Whiting Oil & Gas Corp.
Sims, R. R. B	56	30-025-10681	Langlie-Mattix	7Rivers, Qn	P&AD 8-18-96	1650 FSL & 660 FEL	I	9	23S	37E	Lea	3665'	Apache Corp
Sims, R. R. B	64	30-025-24773	Langlie-Mattix	7Rivers, Qn	Active	1380 FSL & 30 FWL	L	3	23S	37E	Lea	3725'	Cinmarex Energy of Colorad

Well: B.F. Harrison B # 12

Field: N Teague

Reservoir: Fusselman

Location:

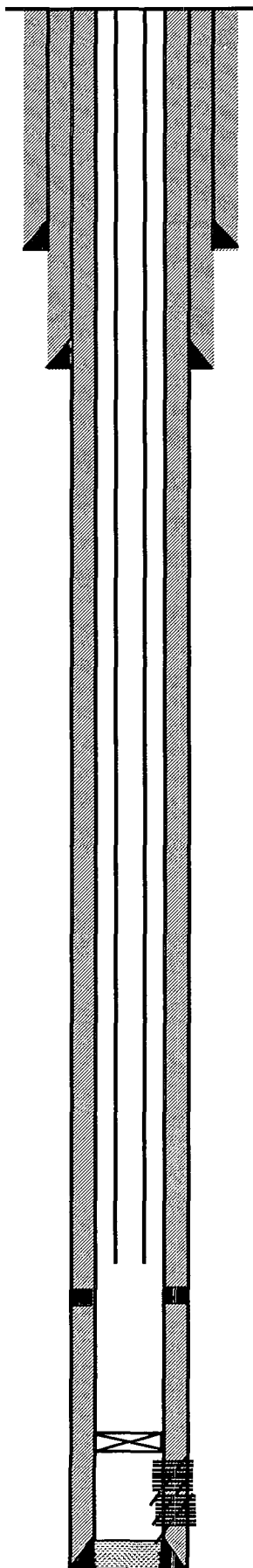
760' FNL & 2100' FWL

Section: 9

Township: 23S

Range: 37E Unit: C

County: Lea State: NM

**Current
Wellbore Diagram****Elevations:**

GL: 3312'

KB: 3326'

DF:

Log Formation Tops

T. Salt	1220'
Yates	2862'
Seven Rivers	
Queen	3335'
Penrose	
Grayburg	3642'
San Andres	3980'
Glorieta	4972'
Paddock	5032'
Blinberry	5400'
Tubb	6063'
Drinkard	6318'
Abo	6600'
Devonian	7507'
Fusselman	8760'
Ellenburger	

Well ID Info: SWD

Chevno: QU3095

API No: 30-025-32172

Cost Center: U820500

Spud Date: 9/21/1993

Rig Released: 10/12/1993

Compl. Date: 10/25/1993

Surface Csg: 11-3/4" 42# WC-40 Csg

Set: @ 1180 w/750 sx Cmt

Hole Size: 14 3/4" to 1180'

Circ: Yes TOC: Surface

TOC By: Circulation (70 sxs)

Initial Completion:

Perf 8811' - 8815', 8818' - 8824', w/2 JSPF. Acdz w/700 gals 15%.

Subsequent Work

10/95 Acdz perfs 8811'-24' w/1500 gals 15%.

6/99 Set CIBP @ 8806'. Perf 8768'-8784', w/2 JSPF. Acdz w/500

gals 15%.

5/02 Pull DO CIBP @ 8806'. Sqz perfs 8768'-8784'. Set CIBP @ 8715'.

LD Rods. Well TA'd, 5-29-02

4-24-2007: CIBP set @ 8715'. Tst csg to 590 PSI f/30 mins.

Well is Temporarily Abandoned.

Intermediate Csg: 8-5/8" 32# K-55 & S-80 Csg

Set: @ 3750'

Hole Size: 11" to 3750' w/1775 sxs cmt

Circ: Yes TOC: Surface

TOC By: Circulated 500 sxs cmt

Prod. Csg: 5 1/2" 15.5 & 17# Csg

Set: @ 8950' w/2255' sx cmt

Hole Size: 7 7/8" to 8950'

Circ: Yes TOC: Surface

TOC By: Circulation (375 sxs cmt.)

DV Tool @ 7015'

CIBP @ 8715'

Perfs: Status

8768'-84' Fusselman -sqzd

8811'-24' Fusselman -sqzd

PBTD: 8940'
TD: 8950'

10-16-07 by chay

Well: B.F. Harrison B # 12

Field: N Teague

Reservoir: Fusselman

Location:

760' FNL & 2100' FWL
 Section: 9
 Township: 23S
 Range: 37E Unit: C
 County: Lea State: NM

**Proposed
Wellbore Diagram**

Elevations:

GL: 3312'
 KB: 3326'
 DF:

Log Formation Tops

T. Salt	1220'
Yates	2862'
Seven Rivers	
Queen	3335'
Penrose	
Grayburg	3642'
San Andres	3980'
Glorieta	4972'
Paddock	5032'
Blaine	5400'
Tubb	6063'
Drinkard	6318'
Abo	6600'
Devonian	7507'
Fusselman	8760'
Ellenburger	

Uni-VI nickel plated inside & out @ 4208'

San Andres Perfs
 4225'-4960'

Well ID Info: SWD

Chevron: QU3095
 API No: 30-025-32172
 Cost Center: U820500
 Spud Date: 9/21/1993
 Rig Released: 10/12/1993
 Compl. Date: 10/25/1993

Surface Csg: 11-3/4" 42# WC-40 Csg

Set: @ 1180 w/750 sx Cmt

Hole Size: 14 3/4" to 1180'

Circ: Yes TOC: Surface

TOC By: Circulation (70 sxs)

Initial Completion:

Perf 8811' - 8815', 8818' - 8824', w/2 JSPF. Acdz w/700 gals 15%.

Subsequent Work

10/95 Acdz perfs 8811'-24' w/1500 gals 15%.

6/99 Set CIBP @ 8806'. Perf 8768'-8784', w/2 JSPF. Acdz w/500 gals 15%.

5/02 Pull DO CIBP @ 8806'. Sqz perfs 8768'-8784'. Set CIBP @ 8715'.

LD Rods. Well TA'd, 5-29-02

4-24-2007: CIBP set @ 8715'. Tst csg to 590 PSI f/30 mins.

Well is Temporarily Abandoned.

Intermediate Csg: 8-5/8" 32# K-55 & S-80 Csg

Set: @ 3750'

Hole Size: 11" to 3750' w/1775 sxs cmt

Circ: Yes TOC: Surface

TOC By: Circulated 500 sxs cmt

Prod. Csg: 5 1/2" 15.5 & 17# Csg

Set: @ 8950' w/2255' sx cmt

Hole Size: 7 7/8" to 8950'

Circ: Yes TOC: Surface

TOC By: Circulation (375 sxs cmt.)

DV Tool @ 7015'

CIBP @ 8715'

PBTD: 8940'
 TD: 8950'

10-16-07 by chay

Perfs: Status
 8768'-84' Fusselman -sqzd
 8811'-24' Fusselman -sqzd

Field: N. Teague
Location: 660' FNL & 500' FEL
County: Lea State: New Mexico
Current Status: PR
Current Producing Formation(s):

Well Name: F. B. Davis #1
Sec: 8-A Township: 23S
Chevno QU1963 API: 30-025-32226

Lease Type: Fee
Range: 37E
Cost Center: UCU820600

L. Paddock/Blinebry/Tubbs/Drinkard

Wellbore # 428874

Surface Csg.

Size: 11 3/4"
Wt.: 42#
Set @: 1180'
Sxs cmt: 750
Circ: Yes
TOC: Surface
Hole Size: 14 3/4"

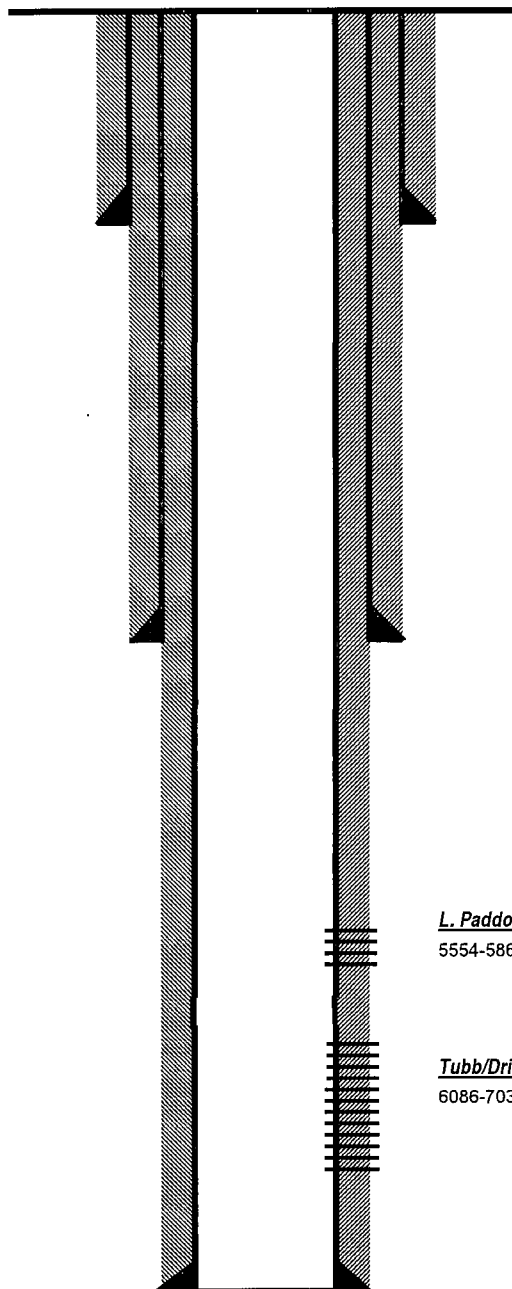
Intermediate Csg.

Size: 8 5/8"
Wt.: 32#
Set @: 3750'
Sxs Cmt: 1825
Circ: Yes
TOC: Surface
Hole Size: 11"

Production Csg.

Size: 5 1/2"
Wt.: 15.5#
Set @: 7700'
Sxs Cmt: 1580
Circ: Yes
TOC: Surface
Hole Size: 7 7/8"

KB: 3337'
DF:
GL: 3323'
Spud Date: 10/1/1993
Compl. Date: 2/1/1994



L. Paddock/Blinebry Perfs
5554-5860' - open

Tubbs/Drinkard/Abo Perfs
6086-7030'

PBTD: 7700'
TD: 7700'

Well: **Davis F B # 2**Field: **Teague, SW**Reservoir: **Glorieta / U. Paddock**

Location:	
510' FNL & 500' FEL	
Section: 8, NE/4 / NE4	
Township: S23	
Range: E37 Unit : A	
County: Lea State: NM	

Elevations:

GL: 3323'

KB: 3337'

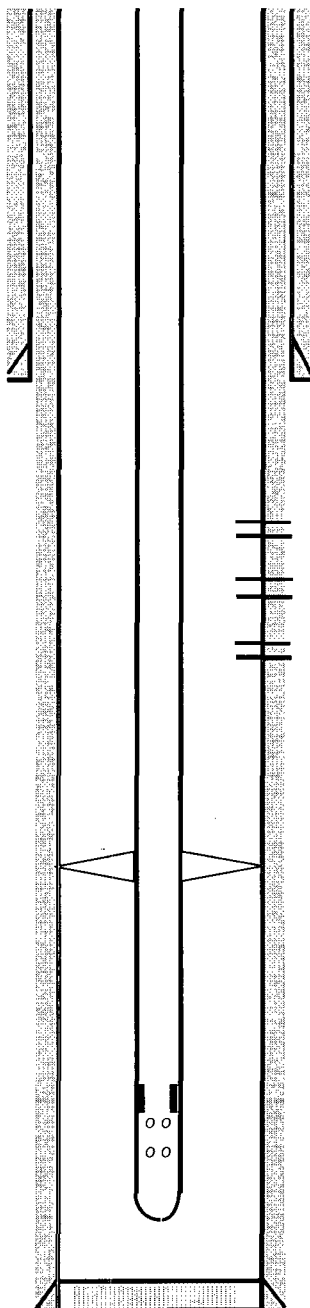
DF: 3336'

Log Formation Tops

T. Salt	
Yates	2868'
Seven Rivers	2969'
Queen	
Penrose	3489'
Grayburg	3670'
San Andres	3846'
Glorieta	5036'
Paddock	5236'
Blinebry	
Tubb	
Drinkard	
Abo	

Tbg Detail:

SN @ 5306'	
1 jt. 2 7/8" IPC	
2 7/8" Mud Anchor @ 5334'	
5 jts. 2 7/8" tbg	
TAC @ 5112'	
156 jts. 2 7/8" tbg	

COTD: 5359'**PBTD:** 5359'**TD:** 5400'**Updated:** 6/13/07**CHAY****Current
Wellbore Diagram****By:** Richard A. Jenkins**Well ID Info:**

Wellbore # 428875

Chevno: QU1904

API No: 30-025-32227

L5/L6: U820600

Spud Date: 12-8-93

Rig Release: 12-19-93

Compl. Date: 1-24-95

Surface Csg: 8 5/8", 24# WC-50 Csg**Set:** @ 1185' w/ 625 sxs**Hole Size:** 12 1/4"**Circ:** Yes **TOC:** Surface**TOC By:** Circulated 140 SXS**Perfs: Status:**

5120'-36' Gloria/Upper Paddock - Open

5206'-13' Gloria/Upper Paddock - Open

5286'-90' Gloria/Upper Paddock - Open

Prod. Csg: 5 1/2" 15.5# WC-50 & J-55 Csg**Set:** @ 5400' w/ 1370 sxs, DV tool @ 4102'**Hole Size:** 7 7/8"**Circ:** Yes **TOC:** Surface**TOC By:** Circulated: 180 sxs

Well: **F. B. Davis #4H**Field: **Teague**Reservoir: **Glorieta/Upper Paddock**

Horizontal Completion

Location:

2004' FNL & 650' FEL

Section: 8

Township: 23S

Range: 37E

County: Lea, NM

Elevations:

GL: 3319'

DF:

KB:

top

salt @ 1268'

bottom

salt @ 2458'

Tubing Detail 1/22/02

2 7/8" tubing

TAC set @ 4924'

Tbg landed @ 5310'

Horizontal Drilled

TOW	BOW	KOP
5009'	5015'	5019'

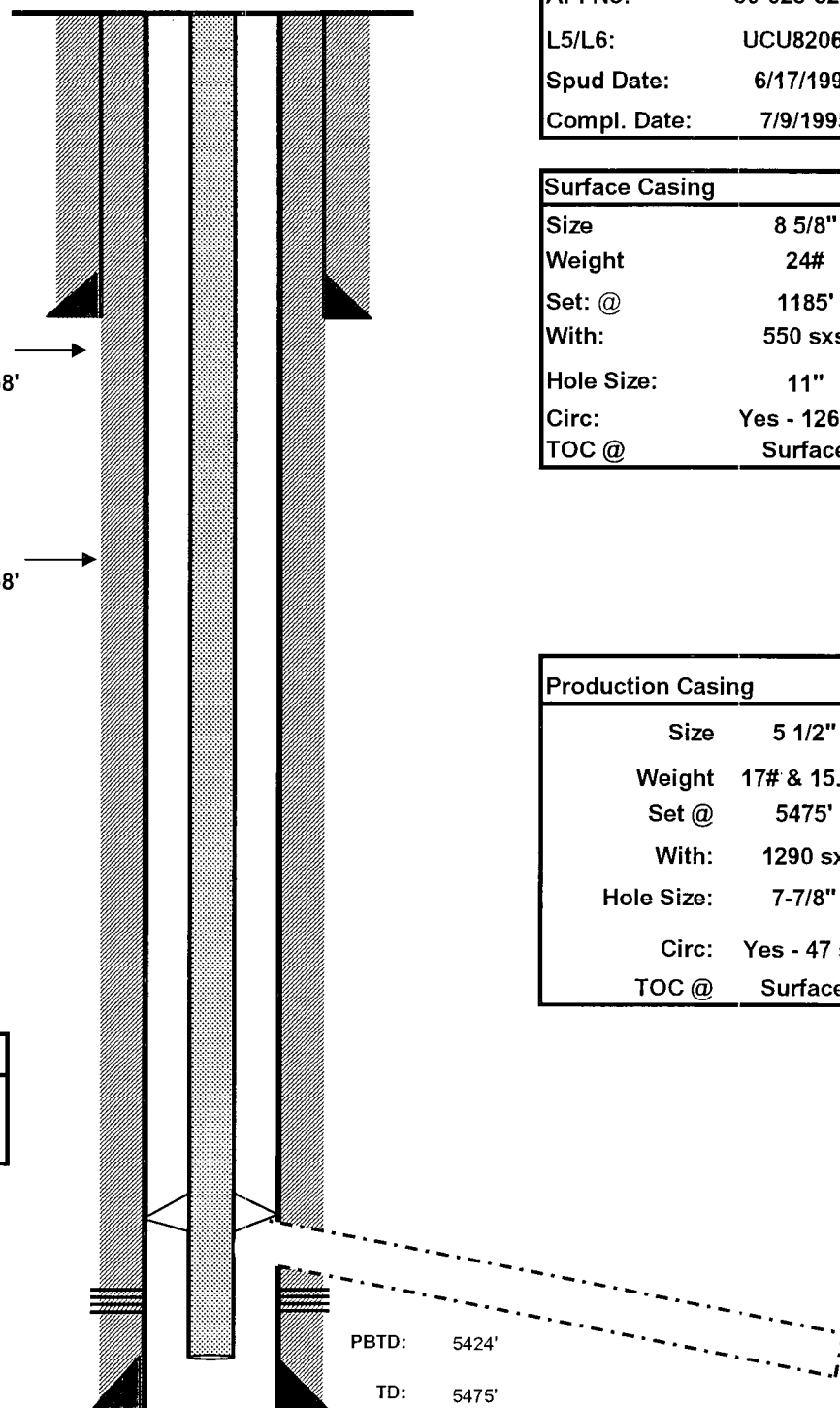
Glorieta/Paddock

Perfs: Status

5124'-5220'

Updated: 5-Jun-03

By: KMJackson

**Current
Wellbore Diagram****Well ID Info:**

Chevno: BC1061

API No: 30-025-32229

L5/L6: UCU820600

Spud Date: 6/17/1995

Compl. Date: 7/9/1995

Surface Casing

Size 8 5/8"

Weight 24#

Set: @ 1185'

With: 550 sxs

Hole Size: 11"

Circ: Yes - 126 sx

TOC @ Surface

Production Casing

Size 5 1/2"

Weight 17# & 15.5#

Set @ 5475'

With: 1290 sx

Hole Size: 7-7/8"

Circ: Yes - 47 sx

TOC @ Surface

Well: **B. F. Harrison B #1**

Field: **N. Teague**

Reservoir: **Drinkard-Abo**
Type of Lease: **Fee**

Current
Wellbore Diagram

Location:
593' FNL & 1707' FWL
Section: 9
Township: 23S
Range: 37E Unit: C
County: Lea State: NM

Elevations:
GL: 3314'
KB: 3332'

DV tool @ 1211'

Well ID Info:
Chevno: IN9677
API No: 30-025-30200
L5/L6: UCU820500
Spud Date: 1/20/88
Compl. Date: 3/27/88

Surface Csg: 13-3/8" 54.5# K-55
Hole size: 17-1/2"
Set: @ 1180' w/1400 sx cmt
Circ: Yes **TOC:** Surface
TOC By: Circulated 25 sx cmt

Intermediate Csg: 9-5/8" 40#
Hole size: 12-1/4"
Set: @ 3745' w/ 1950 sx cmt
Circ: No **TOC:** 1211' @ DV tool
TOC By: Calculation

Tubing Detail
158 jts - 2 7/8" tubing
7" pkr set @ 5007'
6 jts - 2 7/8" tubing
7" pkr set @ 5198'
53 jts - 2 7/8" tubing
Tubing landed @ 6877'

← Hole in casing @ 5125'

Perfs **Status**
6701-7028" Drinkard Abo Oil - Open

CIBP set @ 8560'

CIBP set @ 10,100' w/35' cmt on top

PBTD:
TD: 10500'

Updated: 6/30/03

By: K. M. Jackson

Production Csg: 7", 23# & 26#
Set: @ 8900' w/ 1125 sx cmt
Hole size: 8-3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulation

5" OD Flush Joint Liner
f/ 8601-10250'. Cmt'd w/375 sx.

Perfs **Status**
10182-10226' Ellenburger Oil - Below BP

WELL DATA SHEET

FIELD: N. Teague

WELL NAME: B. F. Harrison "B" #2

FORMATION: Wolfcamp

LOC: 1980' FNL & 1800' FWL

SEC: 9

GL: 3310'

CURRENT STATUS: SI

TOWNSHIP: 23S

COUNTY: Lea

KB: 3329'

API NO: 30-025-30568

RANGE: 37E

STATE: NM

DF:

Chevno: IS7885

LOT: F

TYPE LEASE: Fee

Surface Casing

13-3/8", 54.5#, K-55 Csg

Hole size: 17-1/2"

Set @ 1175' w/1400 sx cmt

Circ 300 sx cmt to surf

Intermediate Casing

9-5/8", 40#, S-80 & J-55 Csg

Hole size: 12-1/4"

Set @ 3750' w/1750 sx cmt

Did not circ cmt to surf

TOC @ 50 by TS

Tubing Detail - 11/29/99

2-7/8" landed @ 7400'

Log Formation Tops

T- Salt	1200'
Yates	2672'
Seven Rivers	2876'
Queen	3372'
Grayburg	3666'
Drinkard	6312'
Devonian	7512'
Ellenburger	10,176'

Production Casing

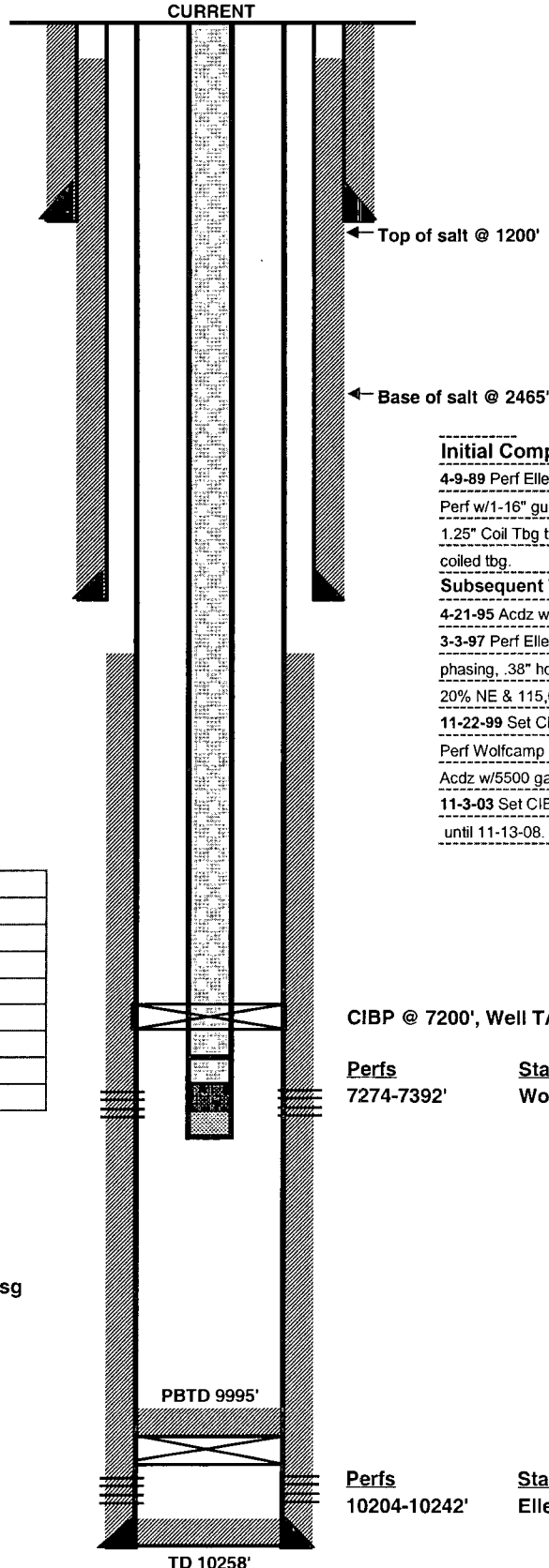
7", 23# & 26#, L-80 & K-55 Csg

Hole size: 8-3/4"

Set @ 10258' w/1800 sx cmt

Did not circ cmt to surf

TOC @ 4229' by TS



Date Spud: 3/10/89

Date Completed: 4/25/89

Initial Formation: Ellenburger

Initial Completion:

4-9-89 Perf Ellenburger pay, 10,240'-42', 6 holes.

Perf w/1-16" gun; 10,204'-240'. (2 JSPF, 62 holes). TIH w/

1.25" Coil Tbg to 10,424'. Spot 2000 gals 20% NE, TOH w/

coiled tbg.

Subsequent Work

4-21-95 Acdz w/2100 gals 15% NE.

3-3-97 Perf Ellenburger w/4 JSPF, 10,186'-242', 120 deg

phasing, .38" holes, 45' net, 180 holes. Acdz w/3000 gals

20% NE & 115,000 Nitrogen in 3 stages. Tst, Ran tbg, RTP.

11-22-99 Set CIBP @ 10,303', top w/35' cmt. PBTD @ 9995'.

Perf Wolfcamp f/7274'-90', 7304'-28', 7352'-56', 7372'-92'.

Acdz w/5500 gals 15% NE. Tst, RTP.

11-3-03 Set CIBP @ 7200'. Request to TA is approved

until 11-13-08.

CIBP @ 7200', Well TA'd

Perfs

7274-7392'

Status

Wolfcamp - open

Perfs

10204-10242'

Status

Ellenburger - below CIBP

Well: B.F. Harrison B #3

Field: NW Teague

Reservoir: Devonian

Location:

340' FNL & 1700' FWL
 Section: 9 (NE/4 NW/4)
 Township: 23S
 Range: 37E Unit: C
 County: Lea State: NM

Elevations:

GL: 3314
 KB: 3332
 DF: 3331

Log Formation Tops

Rustler	1136
Salt	1310
Yates	2848
Seven Rivers	2946
Queen	3390
Penrose	3476
Grayburg	3656
San Andres	3979
Glorieta	4992
Paddock	5041
Blinberry	5405
Tubb	6069
Drinkard	6291
Abo	6603
Devonian	7492
Fusselman	8786

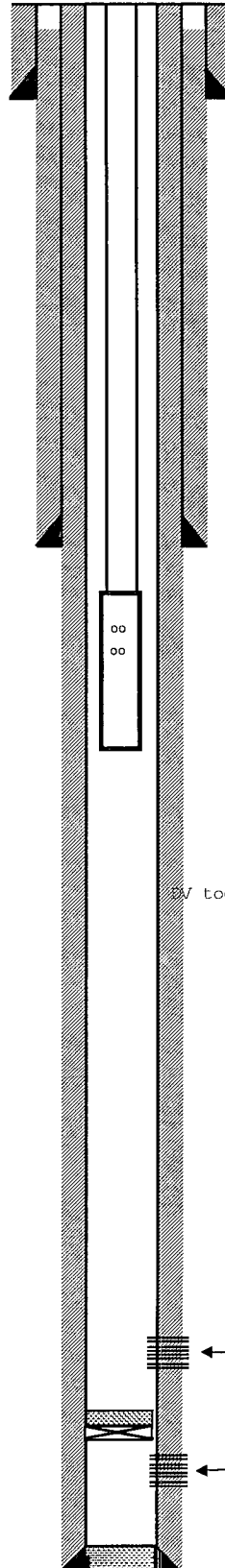
TUBING DETAIL - 6/4/01

Original KB to Tubing Head Flange 10'
 124 jls - 2 7/8" 6.5# 8rd J55 tbg (3941.25')
 1 X-over 2 7/8" x 2 3/8" (o.60')
 1 sub pump 100 stages TD2200 (17.60')
 Equalizer (3.30')
 Seals (10.60')
 Motor 75 hp (14.11')

EOM 3997.46'

CIBP set @ 8735
 50' cmt on top

COTD: 8860
 PBTD: 8658
 TD: 8907

Current Wellbore Diagram**Well ID Info:** Wellbore # 428734

Chevno: OM2037
 API No: 30-025-31199
 Cost Center UCU820500
 Spud Date: 7/9/72
 Rig Released: 6/21/91
 Compl. Date: 7/2/91

Surface Csg: 13 3/8" 54.5# K-55 STC

Set: @ 1165 w/ 1100 sx Class H cmt

Hole Size: 17 1/2" TO 1165

Circ: Yes TOC: Surface

TOC By: Circulation (161 sx)

Initial Completion:

7/91 Perf (Fusselman) 8786-90, 8794-99, 8810-24 (2 jspf)

Subsequent Work

1/93 Add perfs 8828-46 (2 jspf)

Acid (8786-8846) w/ 5000gal 15% NEFE

9/93 Set CIBP @8735 capped w/ 50' cmt ; PBTD: 8658

Perf (Devonian) 7446-7544 (2 jspf)

Intermediate Csg: 9 5/8" 40# L-80 LT&C

Set: @ 3750 w/ 1600 sx class H cmt DV tool @ 1241

Hole Size: 12 1/4" to 3750

Circ: 1st stage only TOC: 200

TOC By: temp survey (1st stage cir 247 sx)

Prod. Csg: 5 1/2" 17# L-80 & J-55 LT&C

Set: @ 8970 w/2200 sx class H cmt DV tool @ 6993

Hole Size: 8 3/4" to 8907

Circ: Yes TOC: Surface

TOC By: Circulation (250 sx stage 1 ; 96 sx stage 2)

DV tool @ 6993

Perfs
 7446-7544

Status
 Devonian - open

Perfs
 8786-90, 8794-99
 8810-24, 8828-46

Status
 Fusselman - closed
 Fusselman - closed

By: W.P. Johnson

Updated: 9-1-04 by WAYN

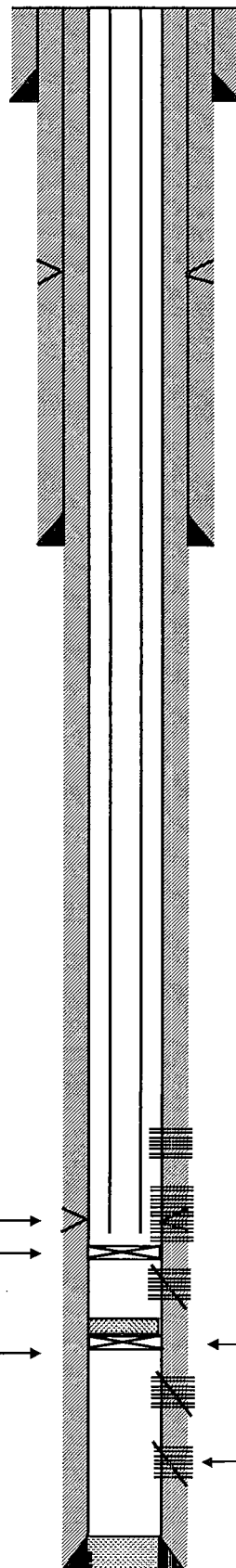
Location:

660' FNL & 800' FWL
 Section: 9 (NE/4 NW/4)
 Township: 23S
 Range: 37E Unit: D
 County: Lea State: NM

Elevations:

GL: 3318
 KB: 3336
 DF:

Current
Wellbore Diagram

**Well ID Info:**

Chevno: ON7422
 API No: 30-025-31200
 Cost Center
 Spud Date: 4/29/91
 Rig Released: 5/28/91
 Compl. Date: 6/21/91

Surface Csg: 13 3/8" 54.5# K-55 STC

Set: @ 1180 w/ 1100 sx Class H cmt

Hole Size: 17 1/2" TO 1180

Circ: Yes TOC: Surface

TOC By: Circulation (284 sx)

DV tool @ 1149'

Initial Completion:

Ellenburger Perfs: w/2 JSPF; 10,220'-240'; 10252'-276';

10296'-302' (88 holes) Acdz w/ 2000 gals MOD 202 acid.

Set CIBP @ 10,292', dump 10' cmt on top.

Subsequent Work

3-30-95 Set CIBP @ 10,100' w/35' cmt on top. PBTD @ 10,065'.

Perf 5-1/2" csg in Fusselman: 8830'-8835' 20 holes. Acdz

w/ total of 2500 gals 15% acid. Uneconomical in Fusselman.

Sqzd Fusselman perfs & tst. Drl CIBP to 10,400'

1-28-99 DO CIBP to 10,400'. Perf Ellenburger: 10,220'-240' &

10,252'-276'. Acdz w/3500 gals 15% NE. Dry. SI 2-7-98

2-1-99 Recomp. in Abo/Drk. Set CIBP @ 10,100', cap w/35' cmt.

OK. Perf Abo w/2 JSPF, 6606'-7098'. Acdz w/4000 gals

15% NE & 147 balls. Acd/frac w/15,000 gals CO2 foam 20%

acd. Set CIBP @ 6540'. Perf Drk w/2 JSPF, 6335'-6493', acdz w/3000

gals 15% NE, 84 bio balls & 10,000 gals CO2 foam. DO CIBP, push to

7300'. CO.Ran tbg., tst. OK, ran Rods.

Log Formation Tops

T. Salt	1300'
Yates	2832'
Seven Rivers	2946'
Queen	3364'
Penrose	3464'
Grayburg	3646'
San Andres	3975'
Glorieta	4960'
Paddock	5014'
Blinbry	5387'
Tubb	6065'
Drinkard	6268'
Abo	6590'
Devonian	7531'
Fusselman	8824'
Ellenburger	10,184'

TUBING DETAIL 3-16-99

Ran 2-7/8" tbg, 6.5#, 8R EUE
 L-80 tbg. SN @ 7103', TAC @ 6222'
 EOT @ 7137'

Rod Detail 3-17-99

1-1/2x12' gas anchor,
 2-1/2x1-1/2x20', 8-1-1/2 sinker bar, 113-3/4,
 83-7/8, 78-7/8x25' S-67 rods, 1-8", 1-6", 1-4"
 1-2' x1" Pony rods, 1-1/2x26' polished rods
 1-3/3x16' liner.

Intermediate Csg: 9 5/8" 40# L-80 LT&C

Set: @ 3755 w/ 1950 sx class H cmt, DV tool @ 1149'

Hole Size: 12 1/4" to 3755'

Circ: Yes TOC: Surface

TOC By: Circulation (cir 250 sxs)

Prod. Csg: 5 1/2" 17# L-80 & J-55 LT&C

Set: @ 10,402 w/2600 sx class H cmt, DV tool @ 6965'

Hole Size: 8 3/4" to 10,402'

Circ: Yes TOC: Surface

TOC By: Circulation (366 sxs)

Perfs

6335'- 6493'

6606' -- 7098'

8830'-8835'

Perfs-2 JSPF
 10,220'-10,240'
 10,252'-10,276'

Perfs
 10,296'
 10,302'

Status:

Drinkard - Open

56 holes

Abo - Open

98 holes

Fusselman - closed

Ellenburger - closed

Ellenburger - closed

Ellenburger - closed

PBTB: 7300'

TD: 10,402'

By: C. J. Haynie

Updated: 6-5-07 by CHAY

Location:

1950' FNL & 560' FWL
 Section: 9
 Township: 23S
 Range: 37E Unit: E
 County: Lea State: NM

Elevations:

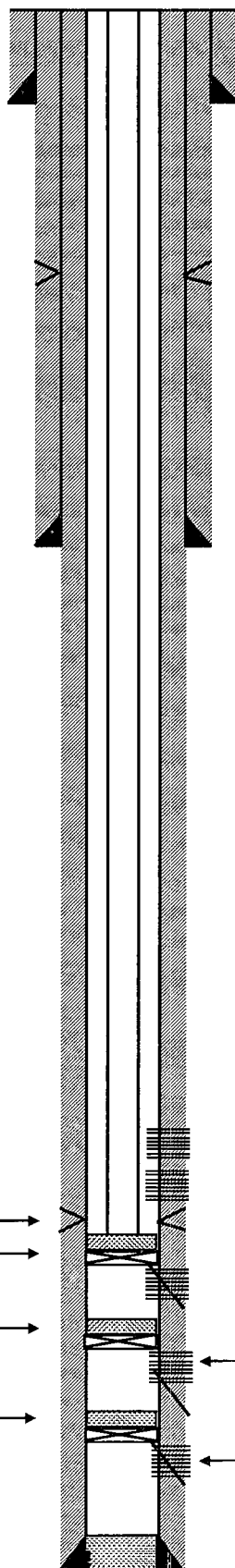
GL: 3316'
 KB: 3334'
 DF:

Log Formation Tops

T. Salt	
Yates	2850'
Seven Rivers	2947'
Queen	3363'
Penrose	3470'
Grayburg	3650'
San Andres	3987'
Glorieta	4966'
Paddock	5020'
Blinebry	5406'
Tubb	6082'
Drinkard	6292'
Abo	6596'
Devonian	7506'
Fusselman	8886'
Ellenburger	10256'

TUBING DETAIL 2-27-01

Ren 180 jts 2-7/8" J-55 tbg (5688.94')
 SN @ 5708'.

Current Wellbore Diagram**Well ID Info:** Wellbore #

Chevno: OP9868
 API No: 30-025-31201
 Cost Center
 Spud Date: 6/23/1991
 Rig Released: 7/18/1991
 Compl. Date: 10/21/1991

Surface Csg: 13 3/8" 54.5# K-55 STC

Set: @ 1180 w/ 1100 sx Class H cmt

Hole Size: 17 1/2" TO 1180

Circ: Yes TOC: Surface

TOC By: Circulation (298 sxs)

DV tool @ 1207'

Initial Completion:

8-31-91 CO to PBTD of 10,301'. Perf Ellenburger w/4 JSPF. 10,260' - 10,274', 56 holes. Acdz w/2000 gals MSA. Set CIBP @ 10,220', cap w/35' cmt. Perf Fusselman w/2 JSPF. 8900'-8928'. 44 holes. Set CIBP @ 8845' cap w/35 sxs cmt. PBTD @ 8810'. Perf Devonian w/2 JSPF: 7510'-7540' = 36 holes. Acdz w/1500 gals 15% NE. Sqz Dev perms w/200 sxs cmt. Perf Dev w/4 JSPF: 7510'-7512'. Acdz w/200 gals 15% NE. Set CIBP @ 7450', Cap w/35' cmt, PBTD @ 7415'. Perf Blinebry w/2 JSPF: 5748-58', Acdz w/1000 gals 15% NE. Perf 5605', 5614', 5667'-69', 5678', 5690', 5700', 5715' 5722', 5812'. Acdz w/2550 gals 15% NE. Frac w/50,000 gals XLG & 126,000 20/40 sd.

Subsequent Work

2-23-01 Rls Pkr. Tag PBTD @ 7415'. Acdz wash Blinebry perms, 5603'-5812' w/1500 gals 15% NE. Scale sqz w/165 gals TH-756, w/60 bbls 2% KCL. TIH w/SN, w/spring in place on 180 jts 2-78" tbg. SN @ 5708'

Intermediate Csg: 9 5/8" 40# L-80 LT&C.

Set: @ 3685 w/ 1450 sx class H cmt, DV tool @ 1207'

Hole Size: 12 1/4" to 3685'

Circ: No TOC: 300'

TOC By: TS

Prod. Csg: 5 1/2" 17# L-80 & J-55 LT&C

Set: @ 10,307' w/2800 sx class H cmt, DV tool @ 7017'.

Hole Size: 8 3/4" to 10,307'

Circ: Yes TOC: Surface

TOC By: Circulation (250 sxs)

Perfs

5605'-5812'

Status:

Blinebry - Open
 2 JSPF, 42 holes

7510'-7540'

Devonian - closed
 4 JSPF

8900'-8928'

Fusselman - closed

Perfs
 10,260'
 10,274'

Ellenburger - closed
 56 holes

DV tool @ 7017'

CIBP @ 7450'
 cap w/35' cmt

CIBP set @ 8845'
 cap w/35' cmt

CIBP set @ 10,220'
 cap w/35' cmt

PBTD: 7415'
 TD: 10,307'

By: C. J. Haynie

Updated: 6-6-07 by CHAY

Well: B.F. Harrison B #6H

Field: North Teague

Reservoir: Drinkard / Abo

Location:

1654' FNL & 1700' FWL
 Section: 9 (SE/4 NW/4)
 Township: 23S
 Range: 37E Unit: F
 County: Lea State: NM

Elevations:

GL: 3313
 KB: 3330
 DF: 3329

Log Formation Tops

Rustler	1123
Salt	1242
B/Salt	2276
Yates	2851
Seven Rivers	2948
Queen	3375
Penrose	3488
Grayburg	3667
San Andres	3998
Glorieta	4996
Paddock	5040
Blinberry	5428
Tubb	6049
Drinkard	6305
Abo	6605
Devonian	7520
Fusselman	8816

TUBING DETAIL - 8/20/2000

RKB correction: 9'
 191 jts - 2 7/8" tbg
 1 5 1/2" TAC
 20 jts - 2 7/8" IPC tbg
 1 XO sub
 1 2 3/8" SN
 1 2 3/8" SMAJ w/mule shoe & bend

SN @ 6659.45 TAC @ 6028.05
 EOT @ 6668.60

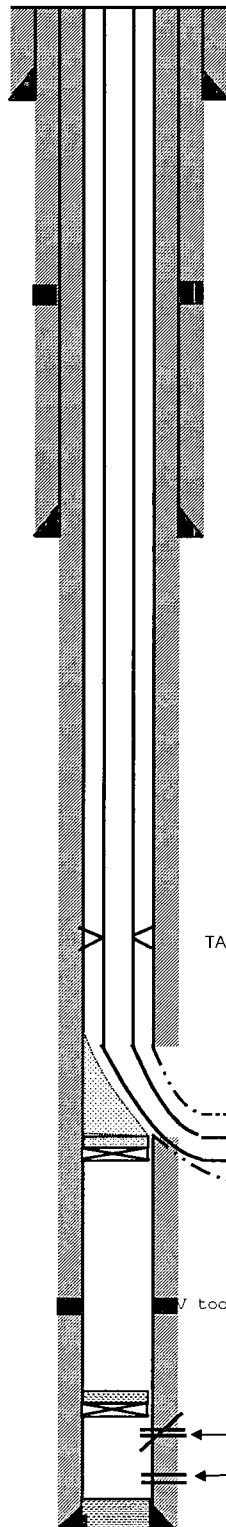
whipstock set @ 6293 (not pulled)
 RBP set @ 6317
 50# sd on top TOS: 6303

Rod Detail:

1 1 1/2" Polish Rod (26')
 1 1" Pony Rod (6')
 1 1" Pony Rod (2')
 67 1" Rods
 80 7/8" Rods
 117 3/4" Rods
 1 2" x 1 1/2" x 22' x 4' HHBC pump
 w/6" strainer nipple

CIBP set @ 8800
 35' cmt on top

COTD: 8910
 PBTD: 8765
 TD: 8950

Current Wellbore Diagram**Well ID Info:**

Chevno: QU1928
 API No: 30-025-31539
 L5/L6: U82 / 500
 Spud Date: 10/7/92
 Rig Released: 10/29/92
 Compl. Date: 11/7/92

Surface Csg: 13 3/8" 54.5# J-55 & 61# HC-80 STC

Set: @ 1180 w/ 900 sx Class C cmt

Hole Size: 17 1/2" TO 1180

Circ: Yes **TOC:** Surface

TOC By: Circulation (140 sx)

DV tool @ 1089

Initial Completion:

7/91 Perf (Fusselman) 8868-70 (2 jspfl) ; A/500 gal 15% NEFE

Subsequent Work

6/94 Set RBP @ 8860 ; perf 8822-30 (2 jspfl)

A/750 gal 15% NEFE ; sqz(8822-30) w/125 sx cmt

DO cmt ; retrieve RBP ; Add Perfs 8868-70 (2jspfl)

3/14/95 A/1000 gal Ammonium Bicarbonate

4/28/95 A/1500 gal 5% NEFE HCL

5/10/95 Scale sqz w/220 gal chemical ; flush w/340 bbl 2% KCL

2/5/99 TA ; Set CIBP @ 8800 dmp 35' cmt on top ; PB: 8765

10/9/2000 HRZ (Drinkard-Abo) ; RBP @ 6317 w/50# sd on top

whipstock @ 6293 ; window 6299-6308 ; drl hrz to 7916

A/50000 gal 20% HCL & 28000 gal WF-130 (OH6308-7916)

Intermediate Csg: 9 5/8" 40# J-55 & S-80

Set: @ 3750 w/ 1625 sx class H cmt DV tool @ 1089

Hole Size: 12 1/4" to 3750

Circ: Yes **TOC:** Surface

TOC By: Circulation (150 sx stage 1 ; 85 sx stage 2)

Prod. Csg: 5 1/2" 17# L-80 & J-55 LTC

Set: @ 8950 w/1700 sx class H cmt DV tool @ 7007

Hole Size: 7 7/8" to 8950

Circ: Yes **TOC:** Surface

TOC By: Circulation (40 sx stage 1 ; 60 sx stage 2)

TAC @ 6028

Window @ 6299 to 6308

MD: 7916 ; TVD: 7038

DV tool @ 7007

Perfs

8822-30

8868-70

Status

Fusselman - sqzd

Fusselman - closed

By: W.P. Johnson

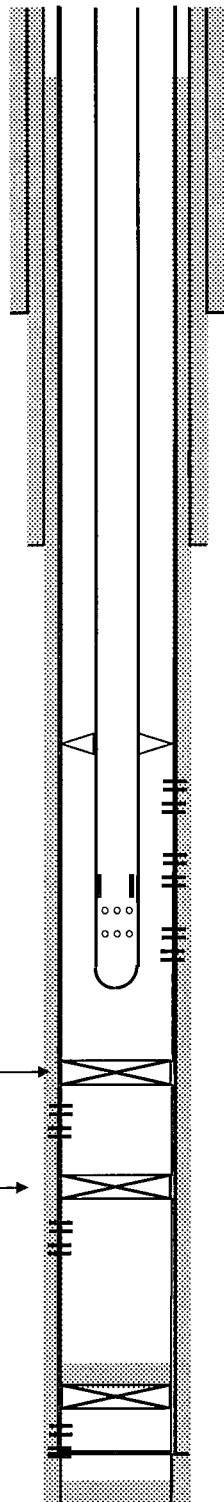
Updated: 9-30-04 by WAYN

Well: **B. F. HARRISON B # 7**Field: **Langlie Mattix**Reservoir: **Grayburg**

Location: 510' FNL
800' FWL
Section: 9
Township: 23S
Range: 37E
County: LEA, NM

Elevations:
GL: 3318'
DF: 3335'
KB: 3336'

Current Wellbore Diagram



Well ID Info:
Refno: QU2983
API No: 30-025-31794
L5/L6: UCU728800
Spud Date: 11/24/1992
Compl. Date: 1/27/1993

Surf. Csg: 13 3/8"
54.5#
J-55
Set: @ 1180'
With: 900 SXS
Hole Size: 17 1/2"
Circ: YES
TOC @ SURF

Int. Csg: 9 5/8"
40#
J-55 & S-80
Set: @ 3750'
With: 1575 SXS
Hole Size: 12 1/4"
Circ: YES
TOC @ SURF

Perfs:	Status:
3705-15'	Grayburg - Open
3720-30'	Grayburg - Open
3735-45'	Grayburg - Open
3753-63'	Grayburg - Open
3770-76'	Grayburg - Open
3780-85'	Grayburg - Open
3788-96'	Grayburg - Open
3802-12'	Grayburg - Open
3816-24'	Grayburg - Open
3828-34'	Grayburg - Open
3838-44'	Grayburg - Open
3848-54'	Grayburg - Open
3870-80'	Grayburg - Open
3885-93'	Grayburg - Open
3898-04'	Grayburg - Open
3920-30'	Grayburg - Open
3934-42'	Grayburg - Open

Prod. Csg: 5 1/2"
17#
S-80, J-55
Set @ 9000'
With: 1725 SXS
Hole Size: 7 7/8"
Circ: NO
TOC @ 274' TS

COTD:
PBTD: 5,500'
TD: 9,000'

Updated: 10-Jan-07
By: A. M. Howell

TBG DETAIL:

KB		16.00
117 JTS 2 7/8" J-55		3611.00
TAC		2.85
13 JTS 2 7/8" J-55	5	403.00
1 JT 2 7/8" J-55 IPC	5	31.50
SN		1.10
PS		4.00
1 JT BPMA		31.50
EOT		4100.95

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the update date well file in the Eunice Field Office. Discuss w/ WED Engineer, WD Rep. OS, ALS, & PS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

CIBP @ 5500'
PERFS: 5550' - 5618'

CIBP @ 5623'
PERFS: 5640' - 5860'

CIBP @ 8800' capped w/ 35' cmt
PERFS: 8848-78'
8884-8900' (Cmt sqzd)

Well: **B. F. Harrison B # 8**

Field: **Teague North**

Reservoir: **Glorieta/Paddock**

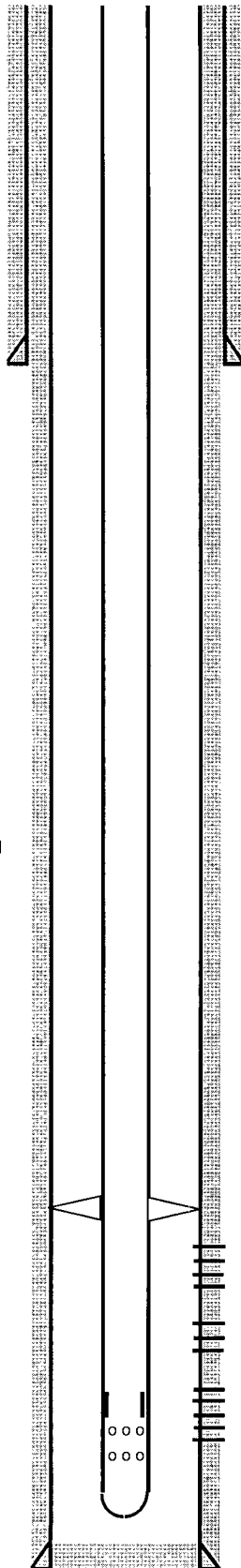
Location:

510' FNL & 660' FWL
Section: 9
Township: 23S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3317'
KB: 3329'
DF: 3328'

**Current
Wellbore Diagram**



Well ID Info:

Chevno: QU1935
API No: 30-025-31955
L5/L6: U820500
Spud Date: 5/25/93
Compl. Date: 6/16/93

Surface Csg: 11 3/4", 42#, WC-40

Set: @ 1155' w/ 500 sks

Hole Size: 14 3/4"

Circ: Yes **TOC:** Surface

TOC By: Circulated

Tbg Detail:

BP @ 5345'

1 jt. 2 7/8" tbg

2 7/8" x 4' perf sub

SN @ 5307'

1 jt. 2 7/8" EUE 8R J-55 IPC Tbg

6 jts. 2 7/8" EUE 8R J-55 Tbg

TAC @ 5084'

160 jts. 2 7/8" EUE 8R J-55 Tbg

Perfs:

5108-24'

5174-91'

5266-86'

Status:

Glorieta/Paddock - Open

Glorieta/Paddock - Open

Glorieta/Paddock - Open

COTD: 5380'

PBTD: 5380'

TD: 5400'

Prod. Csg: 5 1/2", 15.5#, J-55

Set: @ 5400' w/ 2280 sks

Hole Size: 11" & 7 7/8"

Circ: Yes **TOC:** Surface

TOC By: Circulated

Updated: 11/11/2004

By: A. M. Howell

Well: B.F. Harrison B # 10

Field: SW Teague

Reservoir: Glorieta/L. Paddock

Location:

1780' FNL & 660' FWL
Section: 9
Township: 23S
Range: 37E Unit: E
County: Lea State: NM

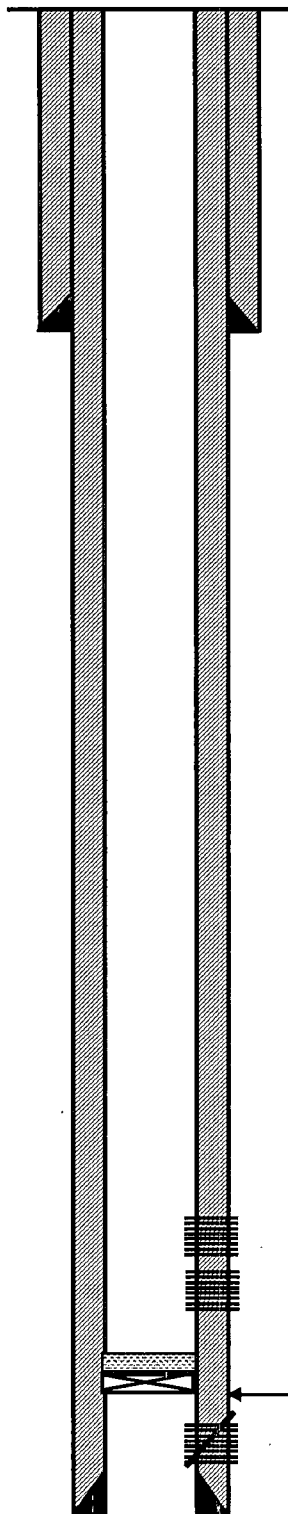
Elevations:

GL: 3317'
KB: 3330'
DF:

Log Formation Tops

T. Salt	
Yates	
Seven Rivers	2945'
Queen	
Penrose	
Grayburg	3654'
San Andres	3987'
Glorieta	5016'
Paddock	
Blaine	
Tubb	
Drinkard	
Abo	

Current Wellbore Diagram



Well ID Info:

Wellbore # 428858

Chevron: QU3000
API No: 30-025-32106
Cost Center UCU820500
Spud Date: 9/22/1993
Rig Released: 10/8/1993
Compl. Date: 11/3/1993

Surface Csg: 8-5/8" 24# WC-50 STC Csg

Set: @ 1180 w/ 650 sx cmt

Hole Size: 12-1/4" to 1180'

Circ: Yes **TOC:** Surface

TOC By: Circulation (75 sxs)

Initial Completion:

Perfs 5316'-5330', Acdz w/500 gals 15% NE. Sqz w/100 sxs Class C.

Perf w/2 JSPF: 5286'-5306', 40 holes, Acdz 500 gals 15% NE.

Set CIBP @ 5270', cap w/ 10' cmt. PBTD @ 5260'

Perfs 5122'-5132', 20 holes, 5194'-5210', 32 holes Acdz w/500 gals 15% on each set of perfs.

Subsequent Work

5-25-94 Convert sulfate scale, acdz, scale sqz w/ inhibitor.

Spot 175 gals ammon bicarb, acdz 5122'-5210' perfs w/ 15% NE

Sqzd perfs w/110 gals scale inhibitor, RTP.

6-4-9: Pmp'd 140 O, 150 Wtr, 20 MCF.

Prod. Csg: 5-1/2" 15.5# WC-50, LTC Csg

Set: @ 5448' w/ 1325 sx cmt

Hole Size: 7-7/8"

Circ: Yes **TOC:** Surface

TOC By: Circulation (125 sxs)

Perfs Paddock

Status:

5122' - 5132'

2 JSPF 20 holes

5194' - 5210'

2 JSPF 32 holes

CIBP @ 5270'
Cap'd w/10' cmt.

5286'-5306'

40 holes

5316'-5330'

14'; 28 holes, Sqz'd

PBTD: 5260'
TD: 5448'

Updated: 6-18-07 by CHAY

By: C. J. Haynie

Well: B.F. Harrison B # 11

Field: Langlie Mattix

Reservoir: Grayburg

Location:

560' FNL & 2100' FWL

Section: 9

Township: 23S

Range: 37E Unit: C

County: Lea State: NM

Elevations:

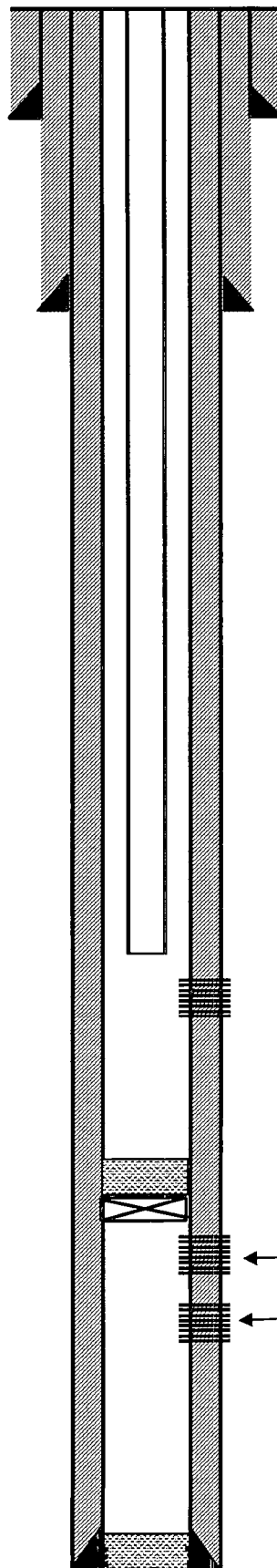
GL: 3312'

KB: 3326'

DF:

Log Formation Tops

T. Salt	
Yates	2835'
Seven Rivers	2940'
Queen	
Penrose	
Grayburg	3654'
San Andres	
Glorieta	5035'
Paddock	5231'
Blinbry	
Tubb	
Drinkard	
Abo	
Devonian	
Fusselman	
Ellenburger	

**Current
Wellbore Diagram****Well ID Info:**

Wellbore #

Chevno: QU2349

API No: 30-025-32107

Spud Date: 10/19/1993

Rig Released: 10/27/1993

Compl. Date: 11/29/1993

Surface Csg: 8 5/8" 24# WC-50 STC Csg**Set:** @ 1180 w/650 sx Cmt**Hole Size:** 12 1/4" to 1180'**Circ:** Yes **TOC:** Surface**TOC By:** Circulation (45 sxs)**Initial Completion:**

Perfs: 5204'-5212', 16 holes. Acdz w/500 gals 15% NE

Subsequent Work

11-18-96 Spot 200 gals Ammonium Bicar over perfs: 5123'-5212'.

Acdz w/2500 gals 15% NE, scale sqz w/110 gals TH-793. & 24 bbls

2% KCL. Tbg land'd @ 5271'.

4-13-07 Set CIBP @ 5075. w/ 35' cmt on top. Perfs: 3730'-37', 3740'-

45', 3752'-60', 3763'-70', 3776'-80', 3791'-98', 3805'-09. 3818'-24',

3832'-38', 3841'-48', 3852'-58', 3880'-88', 3895'-3900', 3920'-27',

3932'-40'. Frac stem w/3000 gals acid, Frac: w/5242 gals 2% KCL,

155 gals RE-4777 SCW, 1427 gals 2% KCL, 87,060 gals YF125ST.

Tag sand @ 4929. Tst: 117 Oil, 224 gas, & 633 Wtr, GOR-1915.

PB TO Grayburg

Perfs

3730' - 3940'

Status:

Grayburg - Open

Perfs

5123'-5136'

Status:

Glorieta - Open below CIBP

5204'-5212'

Upper Paddock - Open Below CIBP

CIBP @ 5075', top w/35' cmt

PBTD: 5281'

TD: 5400'

10-8-07 by chay

Prod. Csg: 5 1/2" 15.5# WC-50 LTC Csg**Set:** @ 5400' w/1220 sx cmt**Hole Size:** 7 7/8" to 5400'**Circ:** No **TOC:** 400'**TOC By:** TS

Location:

760' FNL & 2100' FWL

Section: 9

Township: 23S

Range: 37E Unit: C

County: Lea State: NM

Elevations:

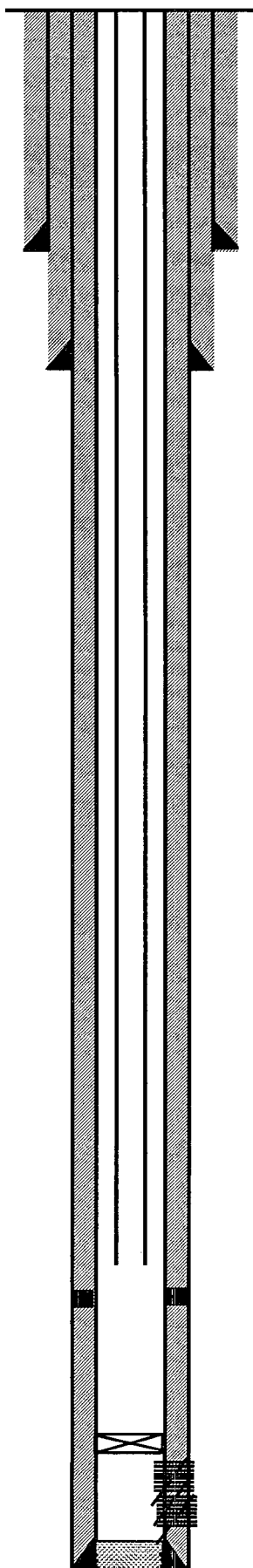
GL: 3312'

KB: 3326'

DF:

Log Formation Tops

T. Salt	1220'
Yates	2862'
Seven Rivers	
Queen	3335'
Penrose	
Grayburg	3642'
San Andres	3980'
Glorieta	4972'
Paddock	5032'
Blinbry	5400'
Tubb	6063'
Drinkard	6318'
Abo	6600'
Devonian	7507'
Fusselman	8760'
Ellenburger	

**Current
Wellbore Diagram****Well ID Info: SWD**

Chevno: QU3095
 API No: 30-025-32172
 Cost Center: U820500
 Spud Date: 9/21/1993
 Rig Released: 10/12/1993
 Compl. Date: 10/25/1993

Surface Csg: 11-3/4" 42# WC-40 Csg

Set: @ 1180 w/750 sx Cmt

Hole Size: 14 3/4" to 1180'

Circ: Yes TOC: Surface

TOC By: Circulation (70 sxs)

Initial Completion:

Perf 8811' - 8815', 8818' - 8824', w/2 JSPF. Acdz w/700 gals 15%.

Subsequent Work

10/95 Acdz perfs 8811'-24' w/1500 gals 15%.

6/99 Set CIBP @ 8806'. Perf 8768'-8784', w/2 JSPF. Acdz w/500 gals 15%.

5/02 Pull DO CIBP @ 8806'. Sqz perfs 8768'-8784'. Set CIBP @ 8715'.

LD Rods. Well TA'd, 5-29-02

4-24-2007: CIBP set @ 8715'. Tst csg to 590 PSI f/30 mins.

Well is Temporarily Abandoned.

Intermediate Csg: 8-5/8" 32# K-55 & S-80 Csg

Set: @ 3750'

Hole Size: 11" to 3750' w/1775 sxs cmt

Circ: Yes TOC: Surface

TOC By: Circulated 500 sxs cmt

Prod. Csg: 5 1/2" 15.5 & 17# Csg

Set: @ 8950' w/2255' sx cmt

Hole Size: 7 7/8" to 8950'

Circ: Yes TOC: Surface

TOC By: Circulation (375 sxs cmt.)

DV Tool @ 7015'

CIBP @ 8715'

Perfs: Status

8768'-84' Fusselman -sqzd

8811'-24' Fusselman -sqzd

PBTD: 8940'
 TD: 8950'

10-16-07 by chay

CURRENT WELL DATA SHEET

Field: NW Teague
Location: 513' FNL & 556' FWL
County: Lea **State:** New Mexico
Current Status: FL
Current Producing Formation(s): Devonian

Well Name: B. F. Harrison "B" #13
Sec: 9-D **Township:** 23S
Refno: QU2879 **API:** 30-025-32175

Lease Type: Fee
Range: 37E
Cost Center: UCU820500

Surface Csg.
Size: 11 3/4"
Wt.: 42#
Set @: 1203'
Sxs cmt: 750
Circ: Yes w/155 sx
TOC: Surface
Hole Size: 14 3/4"

Intermediate Csg.
Size: 8 5/8"
Wt.: 24#
Set @: 3750'
Sxs Cmt: 1675
Circ: Yes w/250 sx
TOC: Surface
Hole Size: 11"

Production Csg.
Size: 5 1/2"
Wt.: 17#
Set @: 8950'
Sxs Cmt: 1790
Circ: Yes w/58 sx
TOC: Surface
Hole Size: 7 7/8"

Top Salt	1210'
Btm Salt	2800'
Top San Andres	4002'
Top Glorieta	4965'
Top Paddock	5010'
Top Blinbry	5382'
Top Tubb	6074'
Top Drinkard	6280'
Top Abo	6582'
Top Devonian	7478'

DV tool @ 7018' →

PBTD: 7656'
TD: 7700'

Perfs (1993)

7443-7538' - Devonian - open

KB: 3332'
DF:
GL: 3318'
Spud Date: 10/13/1993
Compl. Date: 10/29/1993

Tubing Detail 12/7/2000		
# Jts.	Size	Footage
124	Original KB to Tubing Head Flange	-
	2 7/8 6.5# 8rd J55	3,935.80
	Pump 1 & 2 (Each 92 stage TD1750)	33.00
	Gas Separator (RGS-CCW)	2.70
	Seal Assembly 1 & 2 (TR-4 STD)	8.00
	Motor (87.5 Hp/1165Voll/45 Amp)	18.40
	U-Base	4.56
EOT >>>		4,002.46

Remarks: See the failure history attached

pared by: K M Jackson
Date: 10/6/2003

Well: **B. F. Harrison 'B' #14**

Reservoir: **Glorieta/Upper Paddock**

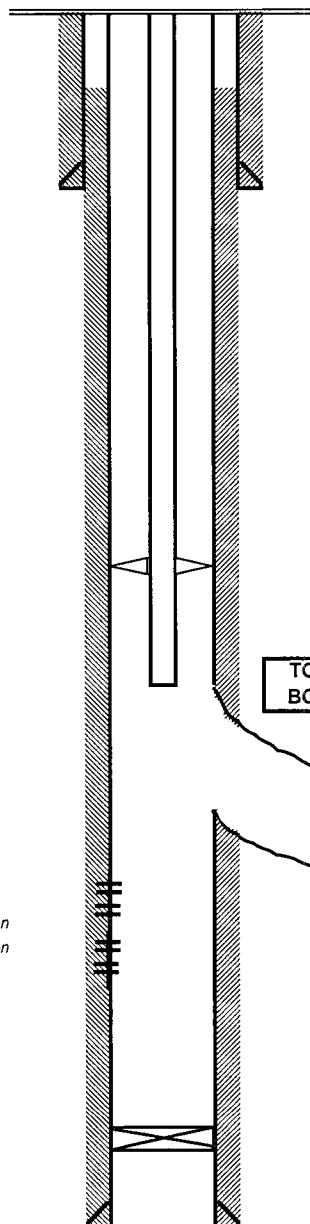
Location:

1800' FNL 1650' FWL
Section: 9
Township: 23-S
Range: 37E
County: Lea, NM.

Elevations:

GL: 3314'
KB: 3328'

**Current
Wellbore Diagram**



Well ID Info:

Refno: QU3060
API No: 30-025-32173
L5/L6: UCU820500
Spud Date: 10/9/1993
Compl. Date: 12/28/1993

Surface Casing:

Casing Size: 8 5/8"
Weight: 24 # WC-50
Set: @ 1180' w/ 650 sks
Hole Size: 12 1/4"
Circ: Yes
TOC By: Circulation w/ 75 sks

TOC: Surface

Tubing Detail:

#Jts:	Size:	Footage:
154	2 7/8 6.5# 8rd J55	4866.61
	5 1/2 X 2 7/8 TAC	2.7
3	2 7/8 6.5# 8rd J55	94.18
1	2 7/8 6.5# 8rd J55 IPC	32.33
	SN	1.1
	Perf Sub	4.1
	3 1/2 BPMA	30
158	Bottom of String >>	5031.02

TAC @ 4946'

**TOW @ 5034'
BOW @ 5040'**

**MD Lateral @ 6490'
TVD @ 5128'**

Perfs Status

5098'-5104' Glorieta/Upper Paddock - Open
5133-55' Glorieta/Upper Paddock - Open

CIBP @ 5286'

**COTD: 5286'
PBTD: 5286'
TD: 5450'**

Updated: 5/21/2007

By: svyo

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eutice Field Office. Discuss w/ WEO Engineer, WDO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Production Casing:

Casing Size: 5 1/2"
Weight: 15.5 # WC-50
Set: @ 5450' w/ 1325 sks
Hole Size: 7 7/8"
Circ: No
TOC By: Temperature Suvey

TOC: 400'

CURRENT WELLBORE DIAGRAM

Lease: B. F. Harrison "B"	Well No.: 16	Field: Teague
Location: 996' FNL 531' FWL	Sec: 9	Tsp: 23S
County: Lea State: NM	Refno: QU3087	API: '3002532443
Current Status: active	Lot: D	Reservoir: San Andres
		Range: 37E
		Class: SWD

Surface Csg.

Size: 8-5/8"
Wt.: 24#
Set @: 1156'
Sx cmt: 650 sx
Circ: 103 sx
TOC: surface
Hole Size: 11"

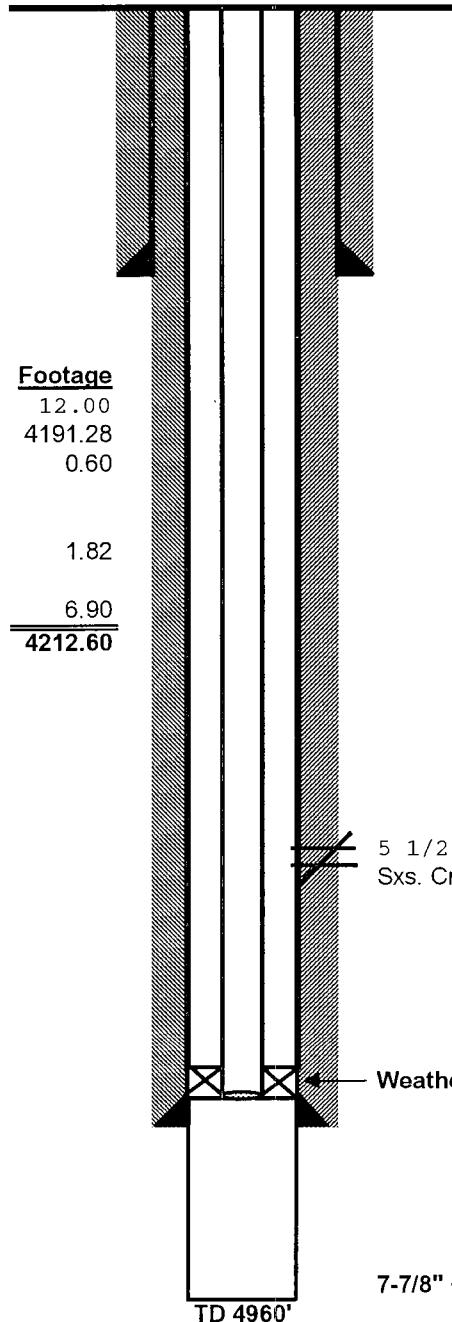
KB: 3331'
DF:
GL: 3319'
Spud Date: 5/12/1994
Released Rig: 5/20/1994
Completion Date: 6/7/1994

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	12.00
131	3 1/2" N-80 8rd IPC	4191.28
	3 1/2"Bx2 7/8"P X-O	0.60
	5 1/2"x2 7/8" T-2 SS	
	On/Off Tool w/ 2.25"	
	SS Profile Nipple	1.82
	Weatherford IPC/EPC	
	Arrowset 1X Pkr.	6.90
131		4212.60

Production Csg.

Size: 5-1/2"
Wt.: 15.5#
Set @: 4225'
Sxs Cmt: 1100 sx
Circ: 85 sx
TOC: surface
Hole Size: 7-7/8" to TD 4960'



5 1/2" Csg. Leak @ 3,844'-77' Sqz'd w/ 100 Sxs. Cmt.

Weatherford Pkr. @ 4,212'

7-7/8" OH from 4225-4960'

TD 4960'

Updated: chay
Date: 01-24-08

Location:

990' FNL & 910' FWL
 Section: 9
 Township: 23S
 Range: 37E Unit: D
 County: Lea State: NM

Elevations:

GL: 3319'
 KB:
 DF:

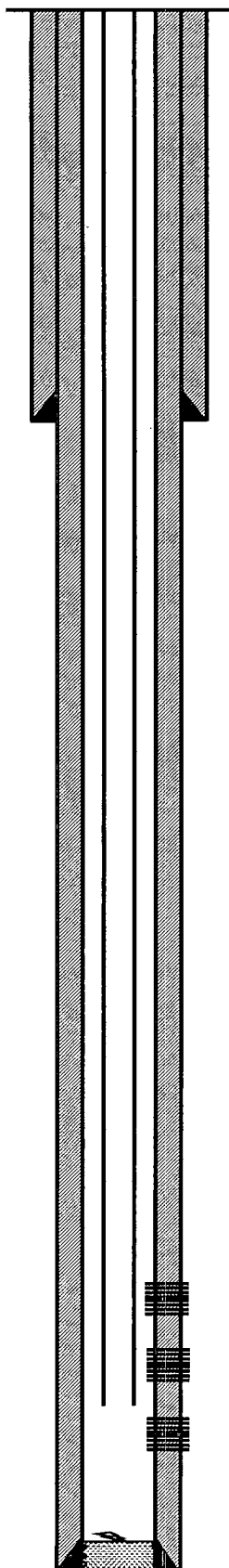
Log Formation Tops

T. Salt	1220'
Yates	2592'
Seven Rivers	2810'
Queen	3309'
Penrose	
Grayburg	3645'
San Andres	4006'
Glorieta	4966'
Paddock	5013'
Blinbry	5385'
Tubb	6055'
Drinkard	6282'
Abo	6575'

TUBING DETAIL 2/4/2000

Ran 209 jts of 2-3/8" Tbg, 4.7# J-55 EUE, @ 6550'
 EOT & SN @ 6564'

PBTD: 7145'
 TD: 7250'

Current Wellbore Diagram**Well ID Info:** Wellbore # 428912

Chevno: QY2616
 API No: 30-025-32497
 Cost Center UCU820500
 Spud Date: 8/4/94
 Rig Released: 8/20/94
 Compl. Date: 11/29/94

Surface Csg: 9-58" 36# J-55 Csg

Set: @ 1180 w/ 550 sx cmt
 Hole Size: 12 1/4" TO 1180'
 Circ: Yes TOC: Surface
 TOC By: Circulation (154 sxs)

Initial Completion:

Abo-Drk-Tubb completion, Perfs: 6591'-7036'; 94 holes; 6336'-6472' - 132 holes; 6074'-6198', 118 holes.

Subsequent Work

8-11-99 Install sonic hammer tool, thru coiled tbg. Acdz w/5000 gals 15% NE.

1-21-00 Ld dwn 2-1/16" & 2-3/8" tbg. DHC Tubb & DRK-Abo.

Perfs: 6074' - 7036'. Lost Pkr, fell to bottom. No fish in shoe.

Acid wash w/4500 gals 15% NE in two stages.

Prod. Csg: 7" 23# & 26# J-55, HCL-80 & K55 csg

Set: @ 7250' w/4000 sxs cmt
 Hole Size: 8 3/4" to 7250'
 Circ: Yes TOC: Surface
 TOC By: Circulation (580 sxs)

Perfs

6074' - 6198'

Status:

Tubb - 118 holes

6336' - 6472'

DRK - 132 holes

6591' - 7036'

Abo - 94 holes

(Pkr fell to bottom - 1-31-00)

By: C. J. Haynie

Updated: 6-6-07 by CHAY

Well: **B. F. Harrison B # 18H**

Field: Teague North

Reservoir: Glorieta/Paddock

Location:
 990' FNL & 660' FWL
 Section: 9
 Township: 23S
 Range: 37E
 County: Lea State: NM

Elevations:
 GL: 3319'
 KB: 3331'
 DF: 3330'

Current Wellbore Diagram

Well ID Info:
 Chevno: QU2088
 API No: 30-025-32159
 L5/L6: U820500
 Spud Date: 9/5/93
 Compl. Date: 11/19/93

Surface Csg: 8 5/8", 24#, WC-50
 Set: @ 1180' w/ 650 sks
 Hole Size: 12 1/4"
 Circ: Yes TOC: Surface
 TOC By: Circulated

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WU Rep, OS, ALS, & FS prior to rigging up or well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	12.00
122	Jts. 2 7/8" EUE 8R J-55 Tbg	3786.51
	TAC	2.70
46	Jts. 2 7/8" EUE 8R J-55 Tbg	1427.89
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	30.03
	SN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
170	Bottom Of String >>	5295.73

Perfs:
 3896-3902' San Andres - Cmt Sqzd
 3926-40' San Andres - Cmt Sqzd
 3960' San Andres - Cmt Sqzd
 3964-70' San Andres - Cmt Sqzd
 3982' San Andres - Cmt Sqzd
 3986-94' San Andres - Cmt Sqzd

4686-94' San Andres - Cmt Sqzd
 4700-04' San Andres - Cmt Sqzd
 4711-14' San Andres - Cmt Sqzd
 4721-23' San Andres - Cmt Sqzd
 4734-38' San Andres - Cmt Sqzd
 4860-74' San Andres - Cmt Sqzd

TOW @ 4975'
 BOW @ 4980'

Glorieta/Paddock OH fr/ 5000-5400'

COTD: 5388'
 PBSD: 5400'
 TVD: 5400'

Updated: 4/6/2007

By: A. M. Howell

Prod. Csg: 5 1/2", 15.5 & 17#, J-55
 Set: @ 5000' w/ 1225 sks
 Hole Size: 7 7/8"
 Circ: No TOC: 1300'
 TOC By: Temperature Survey
 (250 sks cmt pumped down 8 5/8" x 5 1/2" annulus 9/93)

Lateral Cement Sqzd

TD of Glorieta/Paddock lateral @ 6150' MD

CURRENT WELL DATA SHEET

Field: N. Teague Well Name: B. F. Harrison "B" #23 Lease Type: FEE
 Location: 1815' FNL & 1815' FWL Sec: 9-F Township: 23S Range: 37E
 County: Lea State: New Mexico Refno: QY2617 API: 30-025-32498 Cost Center: UCU820500
 Current Status: PR
 Current Producing Formation(s): L. PADDOCK-BLINEBRY & DRINKARD-ABO DHC
 Initial Prod Field/Formation(s): N. TEAGUE/DRINKARD, WILDCAT/ABO
 History: In 1995, dually completed as N. Teague/L. Paddock-Blinebry and N. Teague/Drinkard-Abo
 In 1999, recompleted as DHC with one string in N. Teague/L. Paddock-Blinebry, Drinkard-Abo

Surface Csg.

Size: 9 5/8"
 Wt.: 36#
 Set @: 1180'
 Sxs cmt: 550
 Circ: Yes - 161 sx cmt
 TOC: Surface
 Hole Size: 12-1/4"

Production Csg.

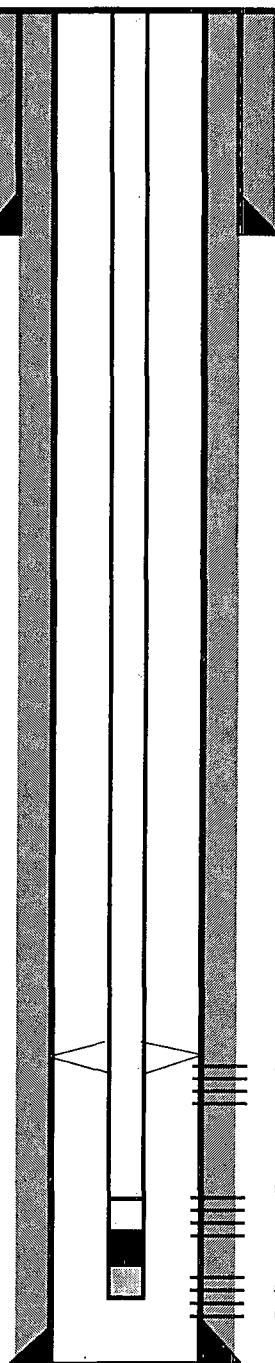
Size: 7"
 Wt.: 23# & 26#
 Set @: 7150'
 Sxs Cmt: 3050
 Circ: Yes - 400 sx cmt
 TOC: Surface
 Hole Size: 8 3/4"

KB: 3325'
 DF:
 GL: 3313'
 Spud Date: 7/20/1994
 Released Rig: 8/4/1994
 Compl. Date: 12/7/1994

Tubing Detail (8/9/99)

2 3/8" tbg landed @ 7020'
 DHC - pumping w/2" x 1-1/4" x 20' pump
 TAC set @ 5547'

Top Salt	1211'
Base Salt	2449'
Top Yates	2600'
Top Seven Rivers	2940'
Top Queen	3316'
Top Grayburg	3657'
Top San Andres	4010'
Top Glorieta	5030'
Top Paddock	5239'
Top Blinebry	5558'
Top Tubb	6076'
Top Drinkard	6328'
Top Abo	6590'



Perfs (10/1994)

5606'-5816' - N. Teague/Lower Paddock-Blinebry

Perfs (1994)

6389-6545' - N. Teague/Drinkard

Perfs (1994)

6612-7001' - N. Teague/Abo

PBTD: 7083'
 TD: 7150'

Prepared by: K M Jackson
 Date: 6/30/2003

CHEVRON - North Teague Field

FIELD: North Teague

LOCATION: 825' FNL 1980' FWL

TOWNSHIP: 23S

RANGE: 37E

LOT: C

SEC: 9

COUNTY: Lea

STATE: NM

WELL NAME: B. F. Harrison 'B' #25

FORMATIONS: Blinebry & Tubb

OPERATOR: CHEVRON

API No. 30-025-32499

REFNO: QU2057

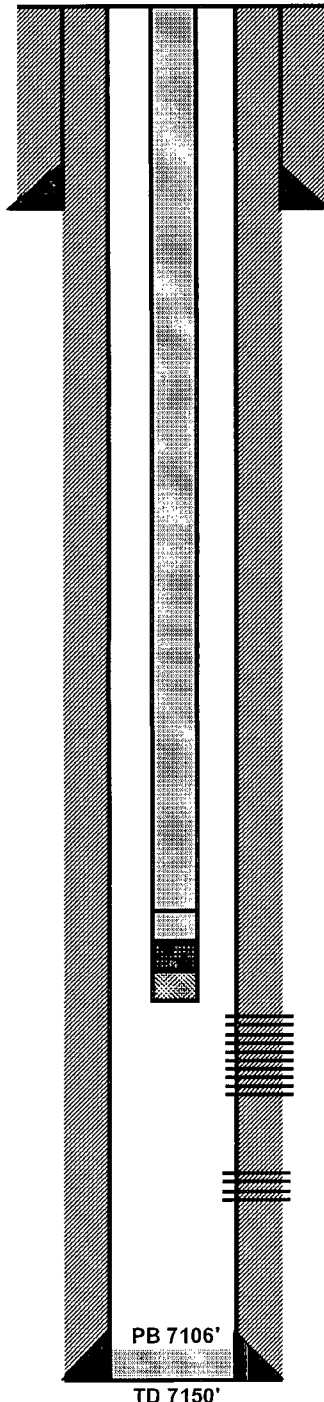
DHC Blinebry & Tubb

GE: 3313' **KB:** 3325' **DF:** _____

Spud Date: 5/22/1994

Completion Date: 6/26/1994

Initial Formation: Tubb



Hole	<u>12-1/4"</u>
OD	<u>9-5/8"</u>
Wt.	<u>36#</u>
Set @	<u>1180'</u>
w/	<u>650 sx cmt</u>
TOC	<u>SURFACE (196 sx)</u>

Completion Data:

Jul-94 Perf Tubb formation w/2 JHPF as follows:

6084-86', 6090-93', 6096-98', 6103-12', 6124-26',
 6131-34', 6138-48', 6154-57', 6160-73', 6179-85',
 6188-91', 6195-98', 6200-03', 6206-15', 6225-27',
 and 6229-34' (156 holes). **Acdz** w/4000 gal 15% HCL.
Frac w/58,000 gal XLG and 203,000# 16/30 sand.
 IP: Flwd 4156 MCFD, 8.5 BO, 0 BW. (7/5/94)

Subsequent Workovers/Reconditioning/Repairs:

Sep-99 Acid wash Tubb perms f/ 6084-6234' w/3500 gal 15%

NEFE HCL. **Perf Blinebry** as follows: 5590-94',
 5670-74', 5692-94', 5711-17', 5747', 5754-56', 5804-06',
 5822-24' and 5838-40'. **Set RBP @ 5985'**.
Acdz Blinebry perms f/ 5590-5840' w/4000 gal 15%
 NEFE acid. **Frac Blinebry** perms f/5590-5840'
 w/13,985 gal YF-135 D pad and 80,000# 16/30 sand.

Re-perf Blinebry as follows: 5589', 5591', 5593',
 5595', 5669', 5671', 5673', 5675', 5691', 5693', 5695',
 5710', 5712', 5716', 5718', 5746', 5748', 5753', 5755',
 5757', 5803', 5805', 5807', 5821', 5823', 5825', 5837',
 5839' and 5841'. **Acdz Blinebry** perms f/ 5589-5841'
 w/3500 gal 15% NEFE HCL. **Mini-frac** w/10,000 gal
 40# X-Link gel. **Frac Blinebry** perms f/ 5589-5841'
 w/44,000 gal 40# X-Link gel, 45,000# 16/30 sand,
 and 55,000# 16/30 resin-coated sand.

9/28/99 - 24 OPT: Flwd 100 BO, 145 BW & 1149
 MCF (Blinebry 5589-5841').

4/27/2002 Rel RBP & DHC Blinebry & Tubb pools.
 DHC Order # 0021

Tubing Detail

2-7/8" tubing landed @ 5532'

Perfs	Status
5589-5841'	Blinebry - open

Perfs	Status
6084-6234'	Tubb - below RBP

Hole	<u>8-3/4"</u>
OD	<u>7"</u>
Wt.	<u>23 & 26#</u>
Set @	<u>7150'</u>
w/	<u>3400 sx cmt</u>
TOC	<u>Surface (1082 sx)</u>

Additional Remarks or Information:

Updated: chay 1-23-08

Well: B.F. Harrison C # 1
BRECK OPERATING

Field: N Teague

Reservoir: L. Paddock/Blinebry Assoc.

Location:

1840' FSL & 670' FWL
Section: 9
Township: 23S
Range: 37E Unit: L
County: Lea State: NM

Elevations:

GL: 3320'
KB: 3332'
DF:

Log Formation Tops

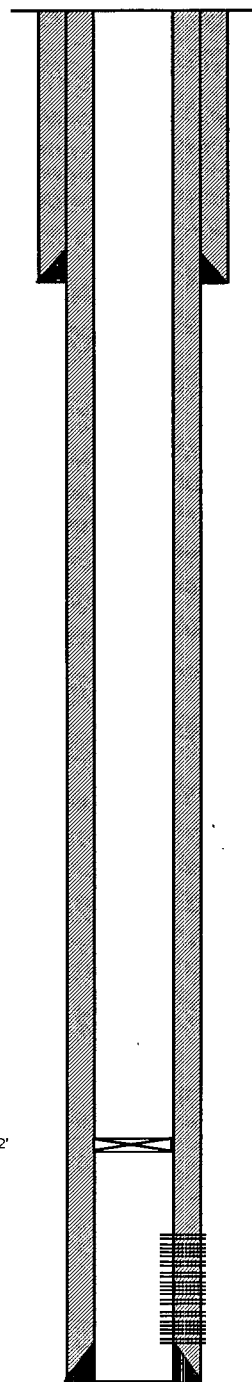
T. Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	3968'
Glorieta	5052'
Paddock	5259'
Blinebry	5441'
Tubb	
Drinkard	
Abo	

TUBING DETAIL

--

PBTD: 5072'
TD: 6000'

**Current
Wellbore Diagram**



CIBP @ 5072'

Well ID Info: Wellbore # 428748

Chevno: QU2355
API No: 30-025-31956
Cost Center: UCU820800
Spud Date: 6-6-93
Rig Released: 6-21-93
Compl. Date: 7-3-93

Surface Csg: 11-3/4" 42# WC-40 STC Csg

Set: @ 1180 w/ 700 sx cmt

Hole Size: 14 4/3" to 1180'

Circ: Yes TOC: Surface

TOC By: Circulation

Initial Completion:

Blinebry perms, 5602'-5826', w/2 JSPF, 130 holes. Acdz w/2000 gals
15% HCL, Frac w/49,000 gals XLG & 166,000# 16/30 sand
Tst: 161 BO, 288 BLW, 591 MCF in 24 Hrs. 7-8-93

Subsequent Work

9-7-94 Acdz perms w/7900 gals 15% NE & ball sealers. Ran 2-7/8"

tbg & pmp, set @ 5820'. RTP.

4-8-98 Acd wash perms 5602'-5826', w/4500 gals 15% NE. Flush
w/34 bbls 2% KCL. Teg fill @ 5909'. Load tbg w/15 bbls 2% kcl. Tst.

Pmp 200 gals toluene dn csg. Fish w/5 bbls 2% KCL. Trt dn annules
w/10 gals corrosion inhibitor. RTP.

2-18-02 Effective 1-1-2002, well was producing 100% wtr.

Set CIBP @ 5072'; 40' above top perf @ 5112'. TA'd well.

Well TA status, expires 3-12-07.

3-5-07 Ran MIT, extended TA status to 3-12-02.

Prod. Csg: 5-1/2" 17 # WC-50 & 15.5# LTC

Set: @ 6000' w/ 3410 sx cmt

Hole Size: 11" TO 3611'

Hole Size: 7-7/8" to 6000'

Circ: No TOC: 1200'

TOC By: TS

Perfs

5602'-12', 5618'-20', 5643'-51'
5663'-65', 5686'-90', 5714'-18'
5732'-37', 5740'-44', 5752'-62',
5768'-70', 5774'-76', 5780'-84'
5788'-92', 5822'-26'

Status:

Blinebry Perfs
130 holes, 2 JSPF

Updated: 6-12-07 by CHAY

By: C. J. Haynie

Well: G.W. Sims # 1

Field: N Teague

Reservoir: Tubb, Drk-Abo (DHC)

Location:

510' FNL & 2230' FEL
 Section: 9
 Township: 23S
 Range: 37E Unit: B
 County: Lea State: NM

Elevations:

GL: 3310'
 KB: 3324'
 DF:

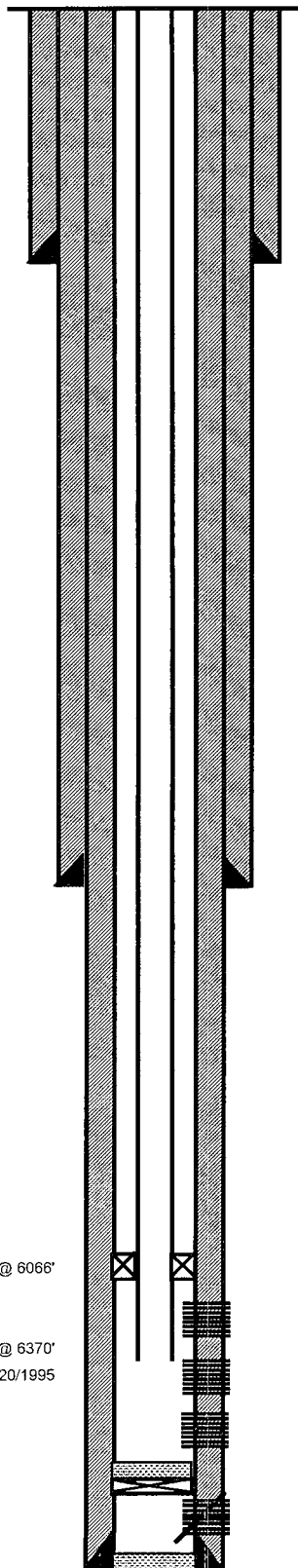
Log Formation Tops

Anhydrite	1130'
Yates	2670'
Queen	3400'
Glorieta	5040'
Blaine	
Tubb	
Drinkard	
Abo	6634'
Devonian	7515'

TUBING DETAIL

1-20-95: 2-1/16" set @ 6370'

HNGR Pkr @ 6066'

Current Wellbore Diagram**Well ID Info:**

Chevno: OU1962
 API No: 30-025-32223
 Spud Date: 12/19/1993
 Rig Released: 1/4/1994
 Compl. Date: 11/25/1994

Surface Csg: 11-3/4" 42# Csg

Set: @ 1180 w/750 sx cmt
 Hole Size: 14-3/4" to 1180'
 Circ: Yes TOC: Surface
 TOC By: Circulation (240 sxs)

Initial Completion:

Devonian Perfs: 7515'-7691', 2 JSPF, 112 holes. Set CIBP @ 7470',
 Capped w/35' cmt. Devonian formation P&A'd.
 Abo Perfs: 6634'-6995', 2 JSPF, 120 holes. Acdz
 w/3500 gals 15% NEFE & 15000 gals foamed 20% HCL. (shut-in).
 Drk Perfs: 6424'-6574', 2 JSPF, 124 holes. Acdz w/5250 gals 15%
 NEFE & 20,500 gals foamed 20% HCL.

Subsequent Work

7-22-97 Cut over Pkr @ 6370'. Recov all fish, acdz Tubb perfs, &
 Drk/Abo perfs w/ Sonic hammer. Too much fluid f/Plunger lift sys.
 Install Pmp'ng ut. Producing Tubb-Drk/Abo zones, DHC # 1580

Intermediate Csg: 8-5/8" 32# Csg

Set: @ 3750' w/1775 sx cmt
 Hole Size: 11" to 3750'
 Circ: Yes TOC: Surface
 TOC By: Circulation (664 sxs)

Prod. Csg: 5-1/2" 15.5# & 17# Csg

Set: @ 7750' cmt w/1800 sxs
 Hole Size: 7-7/8"
 Circ: Yes TOC: Surface
 DV Tool @ 6946'
 TOC By: Circ 320 sxs

HNGR Pkr @ 6066'

EOT @ 6370'
 1/20/1995

PBTD: 7435"
 TD: 7750'

Updated: 1-15-08 by chay

Perfs	Status:
6098'-6244' - 2 JSPF, 148 holes	Tubb DHC
6424'-6574' - 2 JSPF, 124 holes	Drinkard DHC
6634'-6995' - 2 JSPF, 198 holes	Abo DHC
CIBP @ 7470' Capped w/35' cmt	Devonian P&A'd
7515'-7691' - 2 JSPF, 112 holes	

Well: G.W. Sims # 3

Field: N Teague

Reservoir: Blinebry

Location:

760' FNL & 1900' FEL
Section: 49
Township: 23S
Range: 37E Unit: B
County: Lea State: NM

Elevations:

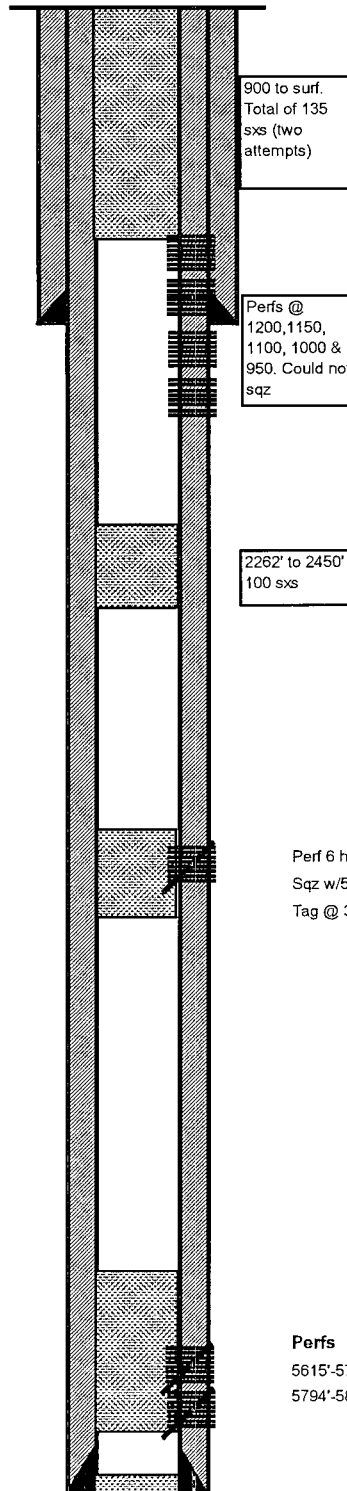
GL: 3307'
KB: 3321'
DF:

Perf @ 1200',
1150', 1100', 1050',
1000', & 950'. Spot
45 sxs cmt, 150'-
900'. Tag TOC @
885'. Spot 90 sxs to
Surf.

Log Formation Tops

T. Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Glorieta	
Paddock	
Blinebry	
Tubb	
Drinkard	
Abo	

**Current
Wellbore Diagram**



Well ID Info: Wellbore # 428887

Chevno: QU1907
API No: 30-025-32294
Cost Center UCU820900
Spud Date: 11/21/1993
Rig Released: 12/8/1993
Compl. Date: 1/20/1994

Surface Csg: 8-5/8" 24# J-55 Csg

Set: @ 1180 w/650 sx cmt
Hole Size: 12 1/4" TO 1180'
Circ: Yes TOC: Surface
TOC By: Circulation (71 sxs)

Initial Completion:

Acidz w/1750 gals 15% acid & 105 7/8" Ball Sealers—did not ball out.
Acidz w/200 gals 15% NE, f/ 5738' - 5538'. Acidz w/1000 gals &
60 7/8" ball sealers, Ball-out w/40 balls at perfs. Frac Blinebry
w/51,000 gals XLG 2% KCL & 166,000# 16/30 sd.
1-24-94 .. IP 83 Oil, 1379 Gas, 79 Wtr

Subsequent Work

Well has a csg Lk in the salt section, w/ a salt wtr flow to the surface.
Leak is believed to be too severe to repair.

P&A'd 2-2-01

MIRU Plugging equip. 1-22-01 Sqzd 180 sx cmt, tag TOC @ 5375'.
Perf 3600', w/6 holes, Sqzd 50 sx cmt, tag @ 3350'. Cut 2-7/8" tbg
@ 2900'. Sqzd 100 sxs cmt @ 2450' Tag TOC @ 2262'. Perf @
1200', 1150', 1100', 1050', 1000', & 950'. Could not sqz.
Spot 45 sxs cmt, 150'-900'. Tag TOC @ 885'. Spot 90 sx cmt
885' to Surf. Install Dry Hole Marker. 2-2-01

Perf 6 holes @ 3600'

Sqz w/50 sxs cmt

Tag @ 3350'

Prod. Csg: 5-1/2" 15.5# J-55 Csg

Set: @ 6100' w/1660 sxs cmt
Hole Size: 7-7/8"
Circ: No TOC: 1200'
TOC By: TS

Cmt 180 sxs cmt
TOC @ 5375'

PBTD: 6031'
TD: 6100'

Perfs
5615'-5738'
5794'-5840'

Status:
40 Holes
70 Holes

Updated: 1-15-08 by chay

Well: G. W. Sims #4

Field: North Teague

Reservoir: Drinkard - Abo ; Lower Paddock - Blinebry

Location:

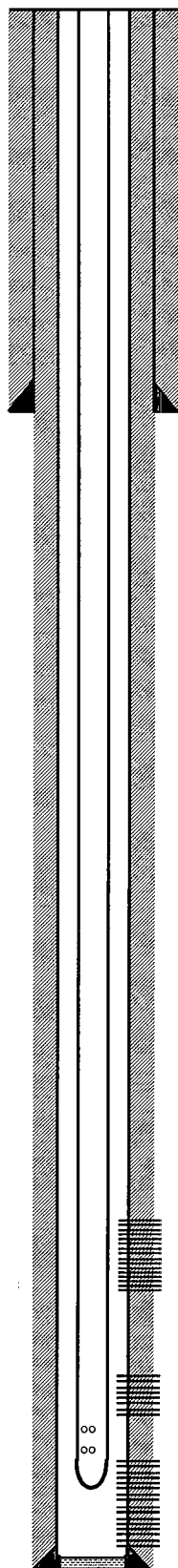
1980' FNL & 2310' FEL
 Section: 9 (SW/4 NE/4)
 Township: 23S
 Range: 37E Unit: G
 County: Lea State: NM

Elevations:

GL: 3305
 KB: 3317
 DF: 3316

Log Formation Tops

Rustler	1123
Salt	1263
B/Salt	2463
Yates	2602
Seven Rivers	2821
Queen	3324
Grayburg	3672
San Andres	4024
Glorieta	5072
Paddock	5268
Blinebry	5594
Tubb	6114
Drinkard	6304
Abo	6626

TUBING DETAIL -**Current Wellbore Diagram****Well ID Info:**

Chevno: BC4537
 API No: 30-025-32900
 L5/L6: U82 / 0900
 Spud Date: 4/15/95
 Rig Released: 4/27/95
 Compl. Date: 7/29/95

Surface Csg: 9 5/8" 36# K-55 STC

Set: @ 1190 w/ 650 sx Class C cmt

Hole Size: 12 1/4" TO 1190

Circ: Yes TOC: Surface

TOC By: Circulation (97 sx)

Initial Completion:

7195 (Abo) perf 6912-27 (6jspl) ; attempt frac ; failed ; **(Abo)** perf 6851-54, 6865-74, 6882-84, 6890-92, 6898-6901, 6904-06, 6931-40, 6944-48, 6969-74, 6980-83, 6994-96, 7004-13, 7029-36, 7047-50, 7086-7104, 7114-18, 7129-31, 7134-36, 7140-42 (182 holes) ; AF/30000 gal 65Q foamed acid, 47000 gal 30# linear foamed pad ; **(Drinkard)** perf 6485-90, 6508-10, 6531-37, 6542-48, 6553-59, 6562-64, 6567-72, 6574-85, 6589-91, 6597-6601 (2 jspl) ; A/3000 gal 15% HCL ; F/31585 gal & 25756# sd ; AF/3000 55Q foamed acid & 47000 gal 30# linear foamed pad ; **(Blinebry)** perf 5720-23, 5738, 5745-59, 5767-70, 5788-5803, 5810-24, 5845-47, 5863-65, 5892-5904, 5910-20, 5946-52 (2jspl) ; A/2000 gal 15% NEFE ; F/54000 gal & 80000# sd

Subsequent Work 2/99 Pulled pkr to downhole commingle

DHC Order #R-1260

Perfs**Status**

{ 5720-23, 5738, 5745-59, 5767-70, 5788-59 Blinebry - open
 5810-24, 5845-47, 5863-65, 5892 Blinebry - open
 5910-20, 5946-52 Blinebry - open

{ 6485-90, 6508-10, 6531-37, 6542-48, 6553-59, Drinkard - open
 6562-64, 6567-72, 6574-85, 6589 Drinkard - open

{ 6851-54, 6865-74, 6882-84, 6890-Abo - open
 6904-06, 6912-27, 6931-40, 6944-Abo - open
 6980-83, 6994-96, 7004-13, 7029-Abo - open
 7086-7104, 7114-18, 7129-31, 71-Abo - open

Prod. Csg: 7" 32#, 23# & 26# L-80, L-80 & K-55 LT&C
 Set: @ 7250 w/2000 sx class H cmt DV @ 4000
 Hole Size: 8 3/4" to 7250
 Circ: Yes TOC: Surface
 TOC By: Circulation (200 sx)

TD: 7250 COTD: 7200 PBTD: 7200

Updated: 10-11-04 by WAYN

By: W.P. Johnson

Well: **G. W. SIMS # 5**

TEAGUE

Reservoir: DRK/ABO/TUBB

Location:

990' FNL & 2310' FEL
 Section: 9
 Township: 23S
 Range: 37E
 County: LEA, NM
 Unit Letter: B

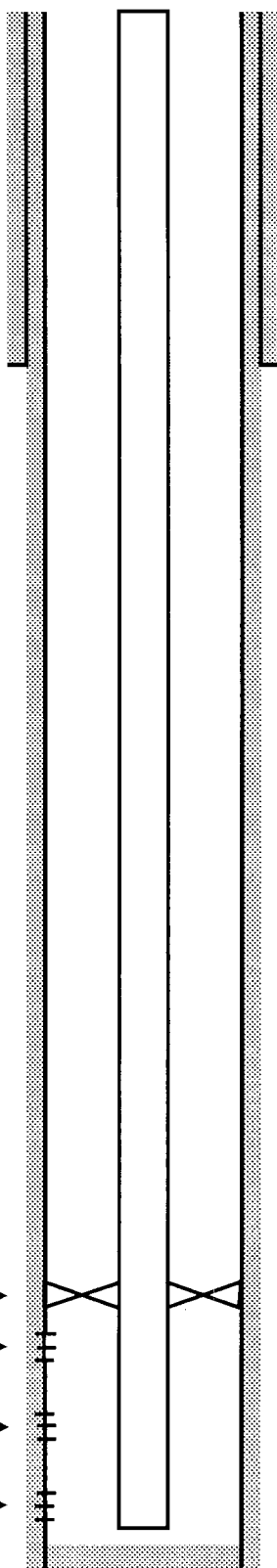
Elevations:

GL: 3310'
 DF: 3323'
 KB: 3324'

Log Formation Tops

Rustler	
Salt	1137'
Yates	2845'
Seven Rivers	
Queen	
Penrose	
Grayburg	3666'
San Andres	3836'
Glorieta	5064'
Paddock	5250'
Blaine	5566'
Tubb	6094'
Drinkard	6288'
Abo	6612'
T. Wolfcamp	7210'
Fusselman	

**Current
Wellbore Diagram**



Well ID Info:

Chevno: HF1051
 API No: 30-025-35502
 L5/L6:
 Spud Date: 1/10/2002
 Compl. Date 4/23/2002

Surf. Csg: 8 5/8"
 24#
 K-55
Set @ 1205'
With: 700 SXS
Hole Size: 11"
Circ: YES
TOC @ SURF

Perfs:

TUBB: 6105' - 6255'
 DRINKARD: 6304' - 6616'
 ABO: 6708' - 7038'

Prod. Csg: 5 1/2"
 17#
 K-55
Set @ 7250'
With: 1900 SXS
Hole Size: 7 7/8"
Circ: YES
TOC @ SURF

COTD:
PBTD: 7,200'
TD: 7,250'

Updated: 16-Apr-02
By: J. M. LOVELL

TAC @ 5873' →
 SN @ 7110' →
 TUBB PERFS: 6105' - 6255' →
 DRINKARD PERFS: 6304' - 6616' →
 ABO PERFS: 6708' - 7038' →

Well: **R.R. Simms A#1**

Location:
330' FSL and 2308' FWL
Section: 4
Township: 23S
Range: 37E
County: Lea, NM.

Elevations:
GL: 3317'
DF:
KB: 19'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Perfs	Status
3719-28'	Grayburg - open
3735-39'	Grayburg - open
3745-55'	Grayburg - open
3768-74'	Grayburg - open
3786-96'	Grayburg - open
3819-26'	Grayburg - open
3832-36'	Grayburg - open
3844-51'	Grayburg - open
3857-61'	Grayburg - open
3867-73'	Grayburg - open
3877-84'	Grayburg - open
3900-10'	Grayburg - open
3931-35'	Grayburg - open
3948-58'	Grayburg - open
3962-70'	Grayburg - open
3973-80'	Grayburg - open
3984-94'	Grayburg - open

CIBP @ 5500'
(35' cmt on top)

CIBP @ 7200' w/ 35' cmt

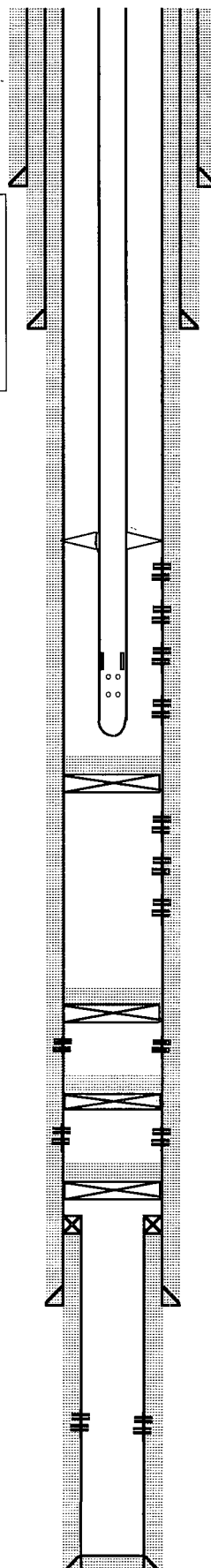
CIBP @ 7450' w/35' cmt

CIBP @ 8300' w/35' cmt

Top of Liner @ 8362'

COTD: 5465'
PBD: 5465'
TD: 10254'
Updated: 8/15/2007
By: maho

Current Wellbore Diagram



Reservoir: **Grayburg**

Well ID Info:
Refno: IR2463
API No: 30-025-30483
L5/L6: UCMK90100
Spud Date: 11/26/1988
Compl. Date: 1/20/1989

Surf Csg: 13-3/8", 54.5 #, K-55
Set: @ 1180' w/1400sks
Hole Size: 17-1/2"
Circ: yes
TOC By: Circulation
TOC: Surface

Interm Csg: 9-5/8", 40 #, S-80
Set: @ 3800' w/1750 sks
Hole Size: 12-1/4"
Circ: yes
TOC By: Circulation
TOC: Surface

Tubing Detail:		
#lbs:	Size:	Footage
	KB Correction	11.00
118	Jts. 2 7/8" EUE 8R J-55 Tbg	3658.00
	TAC	3.15
12	Jts. 2 7/8" EUE 8R J-55 Tbg	372.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
132	Bottom Of String >>	4111.75

Perfs	Perfs	Status
5542-5546	5724-5738'	Blinbry- open
5560-5562'	5764-5768'	Blinbry- open
5604-5614'	5796-5802'	Blinbry- open
5686-5688'	5806-5808'	Blinbry- open
5704-5710'		Blinbry- open

Perfs	Status
7246-7312'	Wolfcamp-below CIBP

Perfs	Status
7466-7495'	Devonian- below CIBP

Prod Csg: 7", 26 #, I-80 & K-55
Set: @ 8690' w/1050 sks
Hole Size: 8-3/4"
Circ: yes
TOC By: Circulation
TOC: Surface

Perfs	Status
10186-10238'	Ellenberger- below CIBP

Liner: 5", 15 #, K-55
Set: @ 10254' w/375 sks
Hole Size: 6-1/8"
Circ: yes
TOC By: circulation
TOL: 8362'
TOC: 8362'

Location:

660' FSL & 1650' FWL
 Section: 4
 Township: 23S
 Range: 37E Unit: N
 County: Lea State: NM

Elevations:

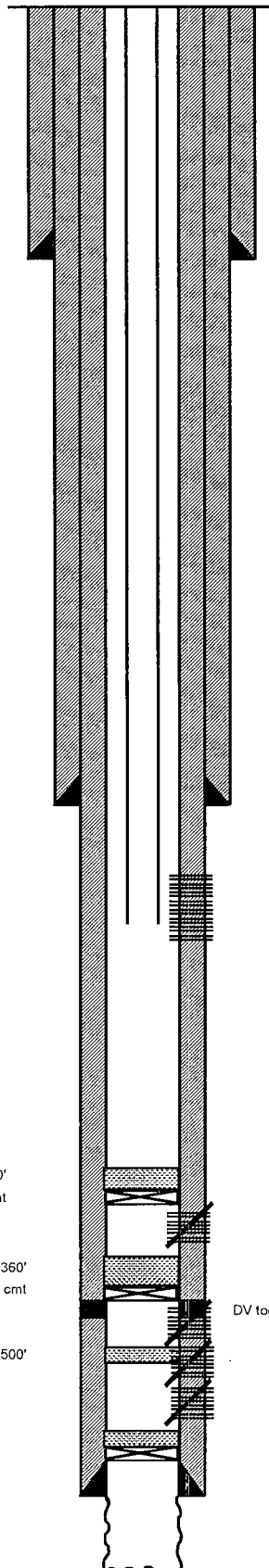
GL: 3320'
 KB: 3337'
 DF:

Log Formation Tops

T. Salt	1138'
Yates	2854'
Seven Rivers	2956'
Queen	3385'
Penrose	3494'
Grayburg	3674'
San Andres	3845'
Glorieta	5000'
Paddock	5070'
Blaine	5446'
Tubb	6117'
Drinkard	6329'
Abo	6629'

TUBING DETAIL 1/24/2001

123 jts 2-7/8" tbg @ 3388'
 TAC @ 3908'
 SN @ 4034'

Current Wellbore Diagram**Well ID Info:** Wellbore # 428748

Chevron: QU2833
 API No: 30-025-31538
 Cost Center UCU820800
 Spud Date: 5/29/1992
 Rig Released: 7/8/1992
 Compl. Date: 8/8/1992

Surface Csg: 13-3/8" 54.5# J-55 Csg

Set: @ 1150 w/ 900 sx cmt
 Hole Size: 17 1/2" TO 1150'
 Circ: Yes TOC: Surface
 TOC By: Circulation (56 sxs)

Initial Completion:

Devonian. Perfs. 7508'-10'; 7516'; 7530'-34'; 7562'-66'; 7590'-98',
 w/2 JSPF. Acdz w/2000 gals 20% NE. Dr'd 4-3/4" OH to TD, 8965'.

Subsequent Work

10-11-93 Set RBP @ 7554', cap w/5' cmt. Perf: 7466'-71'; 7477'-81';
 7485'-97'; 42 holes. Acdz w/1500 gals 20% NE.
 2-27-97 DO CIBP @ 7498', Push to 7533'. Ran cmt rtnr @ 7401'.
 Pmp 175 sxs cmt in perfs: 7466'-7534'. Clear top perfs by
 9 bbls fresh wtr. DO cmt to 7500'. Perf w/2 JSPF: 7466'-7471';
 10 - .52" holes. Acdz w/750 gals 15% NE.
 6-24-97 Perf Dev., 7477'-97', (41 - .58" holes). Acdz w/130 bbls
 2% KCL, 1500 gals 15% NE, & flush w/45 bbls 2% KCL.
 6-17-98 Set CIBP @ 7360', cap w/52' cmt. PBTD @ 7306'.
 Cmt 24' above DV tool. Perf Drk/Abo f/6485' - 6779', Acdz w/4200
 gals 15% NE, & 80 7/8" balls. Acdz frac w/30,000 gals acd & gel.
 2-16-00 Set CIBP @ 6450'. TA Drk/Abo. Top w/35' cmt. PBTD @ 6415'
 Perf San Andres: 3938'-3952'; 3900'-4004'. Acdz w/2000 gals 15%
 NE.

Perfs

3935'-4004'

Status:

San Andres Perfs - Open

Intermediate Csg: 9-5/8" 40# J-55 & S-80 csg

Set: @ 3750' w/1565 sxs cmt
 Hole Size: 12-1/4" to 3750'
 Circ: No TOC: 1875'
 TOC : Sqzd w/400 sxs cmt

Prod. Csg: 5-1/2" 17 # J-55 Csg

Set: @ 8780' w/ 2525 sx cmt DV tool @ 7332'
 Hole Size: 7-7/8" TO 8780'
 Circ: No TOC: 400'
 TOC By: Calculation

Perfs

6485'-6779'

Status:

Drk/Abo
 Closed 106 - .30" holes

DV tool @ 7332'

7466'-71'; 7477'-81'; 7485'-97'
 7590' - 10'; 7516'; 7530'-34"
 7562'-66'; 7590'-98'.

Closed -Total 83 holes
 Closed - Devonian Perfs w/2 JSPF

Wedge set CIBP @ 8775'
 Capped w/20' cmt

4-3/4" OH 8780' to 8965'

PBTD: 6415'
 TD: 8965'

Well: R.R. Sims 'A' # 3

Field: N Teague

Reservoir: DKR, ABO

Location:

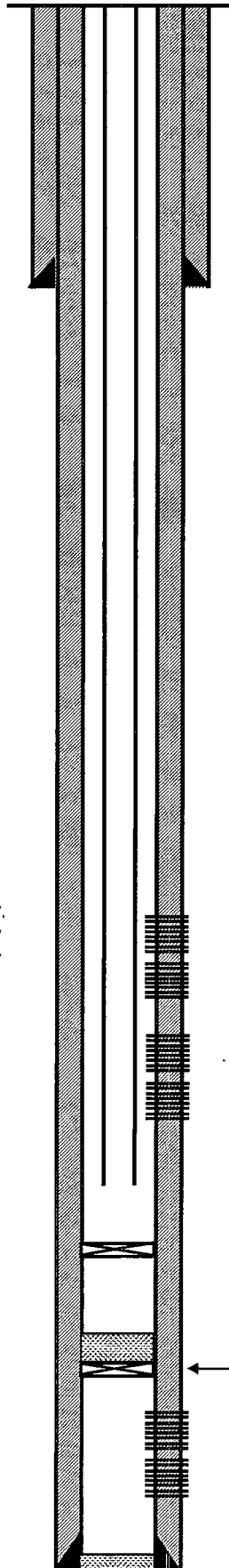
380' FSL & 2175' FWL

Section: 4

Township: 23S

Range: 37E Unit: N

County: Lea State: NM

**Current
Wellbore Diagram****Well ID Info:**

Wellbore # 428864

Chevno: QU2516

API No: 30-025-32160

Cost Center UCU820800

Spud Date: 9/1/1993

Rig Released: 9/19/1993

Compl. Date: 10/20/1993

Elevations:

GL: 3335'

KB: 3349'

DF:

Log Formation Tops

T. Salt	
Yates	2848'
Seven Rivers	2950'
Queen	
Penrose	
Grayburg	3672'
San Andres	
Glorieta	5064'
Paddock	5279'
Blinbry	5426'
Tubb	6151'
Abo	6608'
Devonian	7436'
Fusselman	8781'

TUBING DETAIL

10/9/2001

2-7/8" @ 6821'

Status: **Perfs:**
 Open 6366'-90, 6426'-28", 6432'-34',
 2 JSPF 6440'-42', 6470'-72', 6514'-20'
 104 holes 6530'-36', 6568'-74', 6576'-84',
 6592'-94', 6600'-02'

Status: **Perfs:**
 Open - 3 JSPF 6620'-34, 6648'-50',
 3 JSPF 6658'-60', 6680'-82',
 3 JSPF 6696'-98', 6704'-06',
 3 JSPF 6720'-22', 6730'-38',
 3 JSPF 6752'-54', 6766'-68',
 1 JSPF 6822'-36', 6830'-32'

CIBP @ 6900'

Surface Csg: 11-3/4" 42# WC-40, STC Csg

Set: @ 1180 w/750 sx cmt

Hole Size: 14 3/4" TO 1180'

Circ: Yes TOC: Surface

TOC By: Circulation (74 sxs)

Initial Completion:

Initial completion in the Fusselman formation. Perf 8832', 8836', w/2 JSPF, 4 holes, & 8784'-8824' w/2 JSPF, 80 holes. Acdz 8832'-8836' w/500 gals 15% HCL & 8784'-8824' w/ 1000 gals 15% HCL.

Subsequent Work

Abandon Fusselman formation, & Recomplete in Drk/Abo

5-16-01 thru 8-29-01 Set CIBP @ 8750', top w/35' cmt. Perf Abo/Drk

6822'-36', 6830'-32', 6620'-34', 6648'-50', 6658'-60', 6680'-82', 6696'-

98', 6704'-06', 6720'-22', 6730'-38', 6752'-54', 6766'-68'. Set CIBP @

6900'. Frac w/15,000 gals 20% NE. Set CIBP @ 6612', Perf Drk

formation: 6386'-90', 6426'-28', 6432'-34', 6440'-42', 6470'-72',

6514'-20', 6530'-36', 6568'-74', 6576'-84', 6592'-94', 6600'-02.

Acadz w/2000 gals 15% NEFE. DO CIBP @ 6619'-21'. Tag CIBP

@ 6900'.

Intermediate Csg: 8-5/8" 32# K-55 & S-80 Csg

Set: @ 3750' w/1675 sxs

Hole Size: 11" to 3750'

Circ: No TOC: 700'

TOC By: TS

Prod. Csg: 5-1/2" 17# & 15.5# J-55 Csg

Set: @ 8950' w/1900 sxs

Hole Size: 7-7/8" to 8950'

DV Tool @ 6980'

Circ: Yes TOC: Surf

TOC By: Circulation (120 sxs.)

CIBP @ 8750' W/35' CMT ON TOP

Perfs:

8784', & 8824'

8832' & 8836'

Status:

2 JSPF, 80 Holes

2 JSPF, 4 Holes

PBTD: 8925'

TD: 8950'

Well: R.R. Sims 'A' # 4

Field: NW Teague

Reservoir: Devonian

Location:

330' FSL & 960' FWL
 Section: 4
 Township: 23S
 Range: 37E Unit: M
 County: Lea State: NM

Elevations:

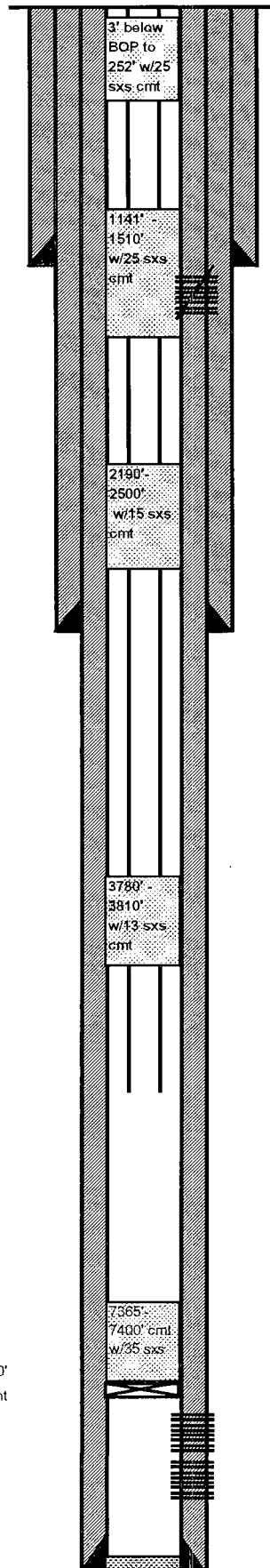
GL: 3324'
 KB: 3338'
 DF:

Log Formation Tops

T. Salt	1750'
Yates	2850'
Seven Rivers	2952'
Queen	
Penrose	
Grayburg	3658'
San Andres	
Glorieta	5036'
Paddock	5240'
Blinbry	5416'
Tubb	6078'
Abo	6586'
Devonian	7428'
Fusselman	

TUBING DETAIL

3/17/2000
 2-78" tbg, filled w/cmt

Current Wellbore Diagram

CIBP @ 7400'
 Top w/35' cmt

PBTD: 7653'
 TD: 7700'

Well ID Info:

Wellbore #

Chevno: QU2520
 API No: 30-025-32225
 Cost Center
 Spud Date: 11/1/1993
 Rig Released: 11/17/1993
 Compl. Date: 12/6/1993

Surface Csg: 11-3/4" 42# WC-40, STC Csg

Set: @ 1215' w/750 sx cmt

Hole Size: 14 3/4" TO 1215'

Circ: Yes TOC: Surface

TOC By: Circulation (90 sxs)

Initial Completion:

Perf Devonian, 7440' thru 7527'. 2 JSPF, 86 holes. Acdz w/200
 gals 15% NE.

Subsequent Work

3-7-00 Csg Damage, Well will be P&A'd.

Set CIBP @ 7400', top w/35' cmt. TA Dev formation. Cmt plugs:

3780' w/13 sxs cmt.; 2191', w/15 sxs cmt. Perf @ 1265', below Surf

Csg Shoe @ 1215'. Cmt plug @ 1510', w/25 sxs cmt. Tag @ 1141'

Pmp 25 sxs cmt to Surf. Fill to 3' of BOP. Well P&A'd : 3-17-00

Intermediate Csg: 8-5/8" 32# K-55 & S-80 Csg

Set: @ 3750' w/1825 sxs

Hole Size: 11" to 3750'

Circ: No TOC: 1600'

TOC By: TS

Prod. Csg: 5-1/2" 17# & 15.5# J-55 Csg

Set: @ 7700' w/1630 sxs

Hole Size: 7-7/8" to 7700'

DV Tool @ 6975'

Circ: Yes TOC: Surf

TOC By: Circulation (331 sxs.)

Perfs:

7440'-48', 7450'-55'
 7459'-62', 7468'-94'
 7496'-7505', 7512'-27',
 7524'-27'

Status:

2 JSPF, 86 holes

Well: **R. R. Sims A # 6**Field: **Teague North**Reservoir: **San Andres****Location:**

500' FSL & 375' FWL
 Section: 4
 Township: 23S
 Range: 37E
 County: Lea State: NM

Elevations:

GL: 3324'
 KB: 3339'
 DF: 3338'

Current
Wellbore Diagram

Well ID Info:

Chevno: BC4544
 API No: 30-025-32944
 L5/L6: U820800
 Spud Date: 6/28/95
 Compl. Date: 7/28/95

Surface Csg: 8 5/8", 24#, CF-50

Set: @ 1192' w/ 550 sks

Hole Size: 11"

Circ: Yes TOC: Surface

TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	15.00
117	Jts. 2 7/8" EUE 8R J-55 Tbg	3627.00
	TAC	3.15
7	Jts. 2 7/8" EUE 8R J-55 Tbg	217.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4' Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
126	Bottom Of String >>	3929.75

Perfs:

3696-3706' Grayburg - Open
 3724-34' Grayburg - Open
 3770-80' Grayburg - Open
 3790-94' Grayburg - Open
 3798-3802' Grayburg - Open
 3806-12' Grayburg - Open
 3818-24' Grayburg - Open
 3832-40' Grayburg - Open
 3845-48' Grayburg - Open
 3852-60' Grayburg - Open
 3890-3900' Grayburg - Open
 3912-20' Grayburg - Open
 3935-45' Grayburg - Open

Status:

Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open
 Grayburg - Open

CIBP @ 3985'
 (35' cmt on top)

Perfs:

3994-4006' San Andres - Below CIBP

Status:

San Andres - Below CIBP

CIBP @ 4990'
 (35' cmt on top)

TOW @ 5001'
 BOW @ 5007'

CIBP @ 5095'
 (No cmt on top)

TD of Glorieta/U. Paddock
 lateral @ 5531' MD

5104-06' Glorieta/Paddock - Below CIBP
 5115-18' Glorieta/Paddock - Below CIBP
 5128-32' Glorieta/Paddock - Below CIBP
 5194-5208' Glorieta/Paddock - Below CIBP
 5214-18' Glorieta/Paddock - Below CIBP
 5290-94' Glorieta/Paddock - Below CIBP

COTD: 3950'
 PBTD: 5344'
 TVD: 5475'

Updated: 11/14/2005

By: A. M. Howell

Prod. Csg: 5 1/2", 15.5 & 17#, K-55 & L-80
 Set: @ 5429' w/ 1500 sks
 Hole Size: 7 7/8"
 Circ: No TOC: 1200'
 TOC By: Temperature Survey

Well: R.R. Sims 'A' #7

Field: N Teague

Reservoir: ABO, DRK, Blinebry

Location:

825' FSL & 604' FWL

Section: 4

Township: 23S

Range: 37E Unit: M

County: Lea State: NM

Elevations:

GL: 3323'

KB: 3335'

DF:

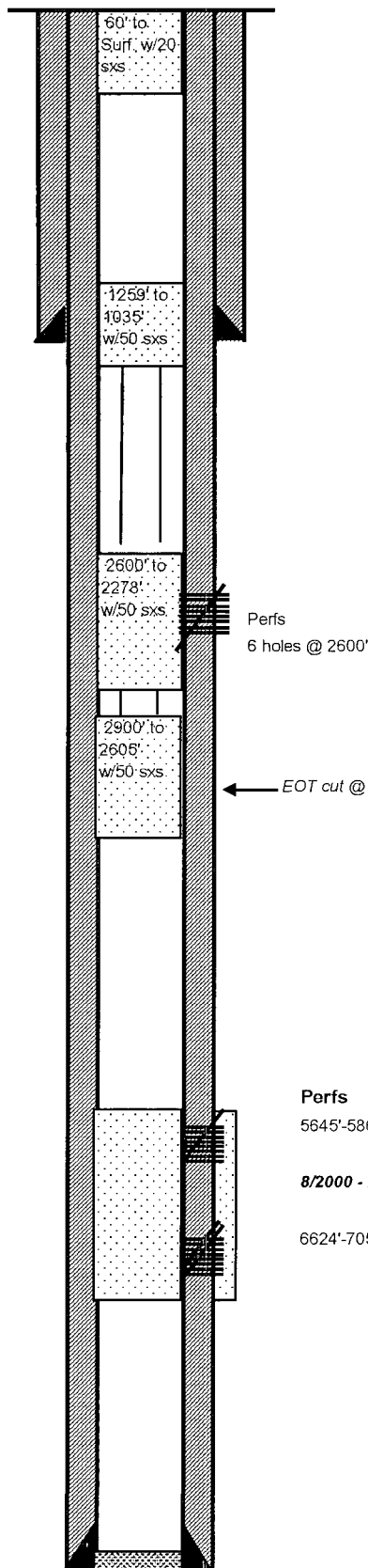
Log Formation Tops

T. Salt	1240'
Yates	2616'
Seven Rivers	2835'
Queen	3340'
Penrose	
Grayburg	3676'
San Andres	4020'
Glorieta	5061'
Paddock	5254'
Blinebry	5585'
Tubb	6108'
Drinkard	6328'
Abo	6620'

TUBING DETAIL

Cut 2-3/8" Tbg @ 2900'

Current Wellbore Diagram



Well ID Info:

Wellbore # 428916

Chevno: QY2618

API No: 30-025-32501

Cost Center UCU820800

Spud Date: 7/1/1994

Rig Released: 7/19/1994

Compl. Date: 12/29/1994

Surface Csg: 9-5/8" 36# J-55 Csg

Set: @ 1180 w/550 sx cmt

Hole Size: 12 1/4" to 1180'

Circ: Yes **TOC:** Surface

TOC By: Circulation (125 sxs)

Initial Completion:

Perfs: 5645'-5866' 2 JSPF, 118 holes in Blinebry formation.

6624'-7056', w/1 JSPF, 19 holes, in DRK-ABO formation.

N Teague L Paddock-Blinebry is duald w/ N Teague DRK-ABO.

Subsequent Work

Csg collapsed @ 3100'- Well P&A'd - 2/29/00

Perfs

5645'-5866'

Status:

2 JSPF, 118 holes (Blinebry)

8/2000 - Bull head squeeze perfs w/100 sx cmt

6624'-7056'

1 JSPF, 129 holes (DRK-ABO)

Prod. Csg: 7" 23#, 26# Csg

Set: @ 7150' w/3100 sx cmt

Hole Size: 8-3/4"

Circ: No **TOC:** 1255'

TOC By: TS

PBTD: 7130'

TD: 7150'

Well: R.R. Sims 'A' # 8

Field: N Teague

Reservoir: Paddock-Blinebry/Tubb-DHC

Location:

660' FSL & 1930' FWL

Section: 4

Township: 23S

Range: 37E Unit: N

County: Lea State: NM

Elevations:

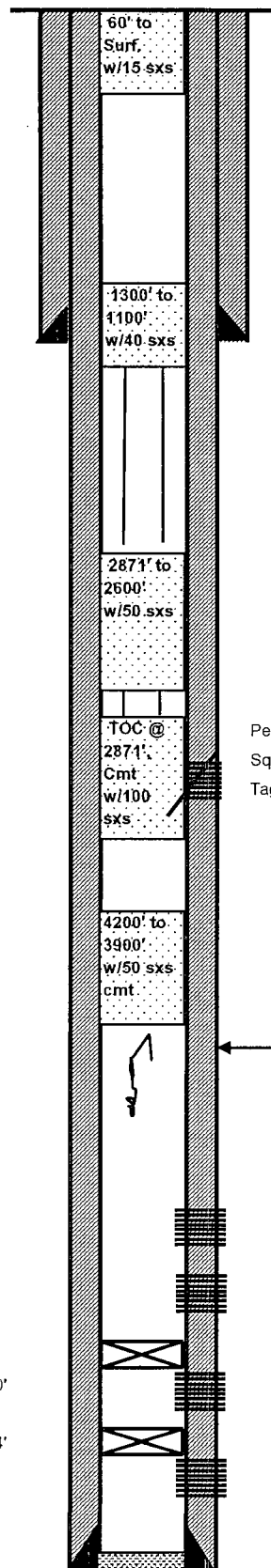
GL: 3319'

KB:

DF:

Log Formation Tops

T. Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Glorieta	
Paddock	
Blinebry	
Tubb	
Drinkard	
Abo	

**Current
Wellbore Diagram****Well ID Info:**

Wellbore #

Chevno:

BE1430

API No:

30-025-32901

Cost Center

UCU820800

Spud Date:

5/10/1995

Rig Released:

5/27/1995

Compl. Date:

11/4/1995

Surface Csg: 9-5/8" 36# J-55 Csg**Set:** @ 1182 w/650 sx cmt**Hole Size:** 12 1/4" to 1180'**Circ:** Yes **TOC:** Surface**TOC By:** Circulation**Initial Completion:****Subsequent Work**

Well P&A'd - 3/26/01

Prod. Csg: 7" 23#, 26# & 32# Csg**Set:** @ 7250' w/3100 sx cmt**Hole Size:** 7-7/8"**Circ:** Yes **TOC:** Surface**TOC By:** Circ

TOF @ 4200' Unable to Sqz

L. Paddock/Blinebry Perfs

5689'-5876'

Tubb Perfs

6098'-6608'

Drinkard Perfs

6515'-6608'

Abo Perfs

6694'-7132'

CIBP @ 6500'

RBP @ 6614'

PBSD: 6465'

TD: 7250'

Well: R.R. SIMS 'A' # 9

Field: N Teague

Reservoir: DRK/ABO & Blinebry
DHC Order # 0035**Location:**330' FSL & 1010' FWL
Section: 4
Township: 23S
Range: 37E Unit: M
County: Lea State: NM**Elevations:**GL: 3323'
KB:
DF:**Log Formation Tops**

Rustler	
Salt	
Yates	2848'
Seven Rivers	
Queen	
Penrose	
Grayburg	3630'
San Andres	3826'
Glorieta	5044'
Paddock	5225'
Blinebry	5550'
Tubb	6080'
Drinkard	6360'
Abo	6592'
Wolfcamp	7175'

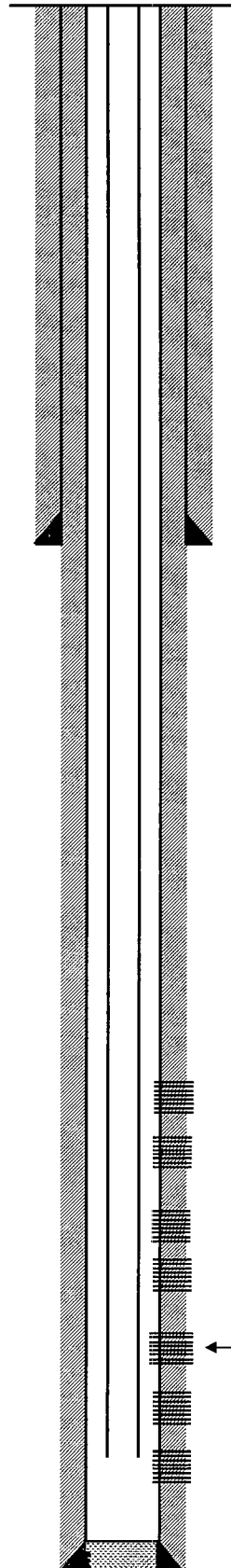
TUBING DETAIL -

9-25-01 - 2-7/8" tbg set @ 7051'

COTD:

PBD:

TD: 7420'

**Current
Wellbore Diagram****Well ID Info:**

Wellbore # 441632

Chevno: BZ5750
API No: 30-025-35051
Cost Center: UCU820800
Spud Date: 7/19/2000
Rig Released: 8/5/2000
Compl. Date: 8/21/2000**Surface Csg:** 8-5/8" 24# K-55, STC Csg**Set:** @ 1200' w/670 sxs cmt**Hole Size:** 12 1/4" TO 1200'**Circ:** Yes **TOC:** Surface**TOC By:** Circulation (40 sx)**Initial Completion:**

Perfs: ABO 6700'-7068', 144 holes, 2 JSPP, 90 Deg Phasing

Perfs: DRK 6372'-6630', 196 holes, 2 JSPP, 90 Deg Phasing

Acid/Frac

Subsequent Work**5-10-01** - Perf Lower Blinebry & DHC Order No. 0035

DRK/ABO & Blinebry

Prod. Csg: 5 1/2" 17# L-80, LT&C**Set:** @ 7420' w/1860 sx cmt**Hole Size:** 7-7/8" to 7420'**Circ:** Yes **TOC:** Surf**TOC By:** Circulation (127 sxs) & 2nd stage(115 sxs)

DV Tool @ 5985'

Blinebry Perfs:**Status**5580'-88', 5610'-12', 5620'-24',
5638'-42', 5676'-78, 5698'-5704'5750'-64', 5782'-90', 5806'-08
5840'-42', 5858'-62', 5880'-88',**DRK Perfs:****Status**6372'-84', 6410'-14', 6420'-26'
6460'-66', 6496'-6518', 6530'-40'
6560'-78', 6610'-30',**ABO Perfs****Status**6700'-05', 6720'-25', 6756'-60'
6812'-14', 6830'-40', 6850'-54'
6864'-72', 6878'-80', 6898'-6900'
6910'-14', 6928'-34', 6954'-58'
6962'-66, 6986'-90', 7010'-12'
7024'-26', 7064'-68'

Updated: 8-28-07 by CHAY

CURRENT WELL DATA SHEET

Field: <u>N. Teague</u>	Well Name: <u>R. R. Sims "B" #1</u>	Lease Type: <u>State</u>
Location: <u>535' FSL & 2030' FEL</u>	Sec: <u>4-O</u> Township: <u>23S</u>	Range: <u>37E</u>
County: <u>Lea</u> State: <u>New Mexico</u>	Refno: <u> </u> API: <u>30-025-32902</u>	Cost Center: <u>UCU820400</u>
Current Status: <u>PR</u>		
Current Producing Formation(s): <u>L. Paddock-Blinebry/Tubb DHC</u>		

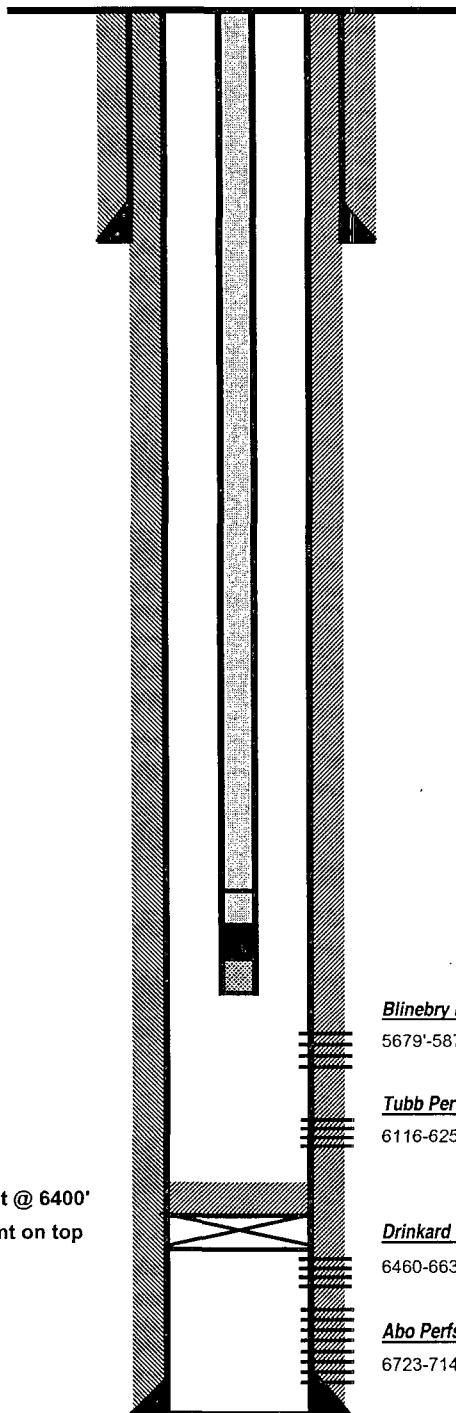
Surface Csg.

Size: 9 5/8"
 Wt.: 36#
 Set @: 1182'
 Sxs cmt: 650
 Circ: Yes
 TOC: Surface
 Hole Size: 12-1/4"

Production Csg.

Size: 7"
 Wt.: 32#, 26#, 23#
 Set @: 7250'
 Sxs Cmt: 3000
 Circ: Yes
 TOC: Surface
 Hole Size: 7 7/8"

Top Yates	2597'
Top Grayburg	3676'
Top San Andres	4024'
Top Glorieta	5080'
Top Paddock	5252'
Top Blinebry	5586'
Top Tubb	6113'
Top Drinkard	6306'
Top Abo	6636'



KB:
 DF: 3314'
 GL:
 Spud Date: 4/27/1995
 Released Rig: 5/10/1995
 Compl. Date:

Blinebry Perfs

5679'-5872'

Tubb Perfs

6116-6250'

Drinkard Perfs

6460-6635'

Abo Perfs

6723-7144'

CIBP set @ 6400'
 w/35' cmt on top

PBTD:
 TD: 7250'

Remarks: See the well history and failure history attached

repaired by: K M Jackson
 Date: 3/4/2004

Well: SKELLY PENROSE A UNIT # 33
CIMAREX ENERGY OF COLORADO

Field: LANGLEIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

550' FSL & 990' FWL
Section: 4
Township: 23S
Range: 37E Unit: M
County: Lea State: NM

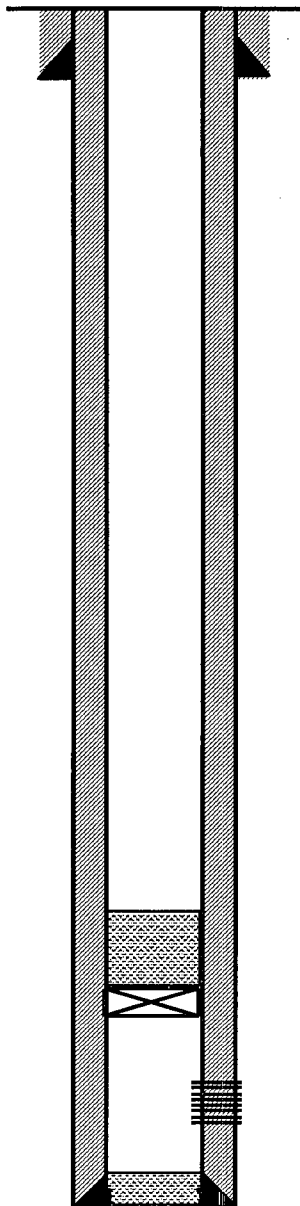
Elevations:

GL:
KB:
DF: 3328'

Log Formation Tops

Rustler	
Salt	1245
Yates	2645
Seven Rivers	2879
Queen	3380
Penrose	
Grayburg	3638
San Andres	
Penrose Skelly	3648'

**Current
Wellbore Diagram**



Well ID Info:

OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10623
Spud Date: 1/22/1958
Rig Released:
Compl. Date: 2/23/1958

Surface Csg: 8-5/8" 23#, J-55

Set: @ 370' w/225 sxs cmt

Hole Size: 11" to 370'

Circ: Yes TOC: Surface

TOC By: Circulation

Initial Completion:

Perfs 3526'-3636', w/4 spf. Frac perfd intervals w/50,000 gals oil
& 1# Sd/gal.

Subsequent Work

5-20-92 Set CIBP @ 3476', top w/50' cmt. Tst, OK. Request TA status.
TD'd 8-2-01

CIBP @ 3476'

Topped w/50' cmt

Perfs:

3526'-3636'

Status

4 SPF

PBTD: 3476'

TD: 3650'

Updated: 8-27-07 by CHAY

Prod. Csg: 5 1/2" 15.5#, J-55 Csg

Set: @ 3650' w/200 sx cmt

Hole Size: 7-7/8"

Circ: Yes TOC: Surf

TOC By: Circulation

Well: SKELLY PENROSE A UNIT # 34
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

660' FSL & 1980' FWL
Section: 4
Township: 23S
Range: 37E Unit: N
County: Lea State: NM

Elevations:

GL: 3305'
KB:
DF: 3322'

Log Formation Tops	
Rustler	
Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

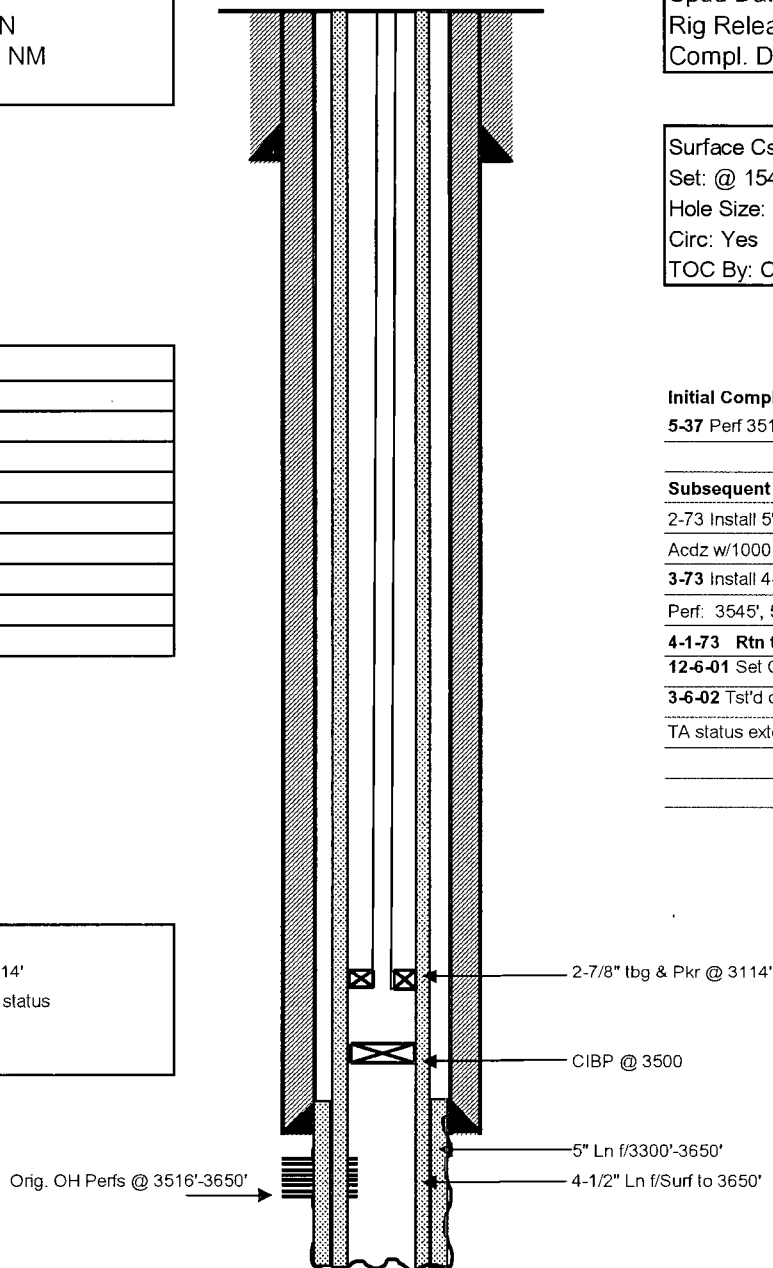
TUBING DETAIL -

2-7/8" tbg to below Pkr @ 3114'
Pkr @ 3114' in hole, in TA'd status

PBTD:
TD: 3650'

Updated: 8-29-07 by CHAY

**Current
Wellbore Diagram**



Well ID Info:

OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10622
Spud Date: 4/7/1937
Rig Released:
Compl. Date: 5/21/1937

Surface Csg: 10-3/4" 40#
Set: @ 154' w/100 sxs cmt
Hole Size: 12-1/2" to 154'
Circ: Yes TOC: Surface
TOC By: Circulation

Initial Completion:

5-37 Perf 3516'-3650' OH

Subsequent Work

2-73 Install 5" liner f/3300' to 3650'. Perf 3545', 59', 72', 86', & 62'

Acidz w/1000 gals 15%.

3-73 Install 4-1/2" Liner set f/surf to 3650'. Cmt w/950 sxs.

Perf: 3545', 59', 72', 86', & 3612'. Acidz w/1000 gals 15%.

4-1-73 Rtn to Inj.

12-6-01 Set CIBP @ 3500". Tst to 500 PSI. Well TA'd.

3-6-02 Tst'd csg to 505 psi, held 30 mins.

TA status extended to 3-12-08. Tbg & pkr are downhole.

Prod. Csg: 5 1/2"

Set: @ 3389' w/200 sx cmt

Hole Size: 8-1/4"

Circ: No TOC: 730'Surf

TOC By: Calculation

Well: SKELLY PENROSE A UNIT # 35
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

660' FSL & 1980' FEL
Section: 4
Township: 23S
Range: 37E Unit: O
County: Lea State: NM

Elevations:

GL:
KB:
DF: 3315'

Log Formation Tops	
Rustler	
Salt	12446
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

TUBING DETAIL -

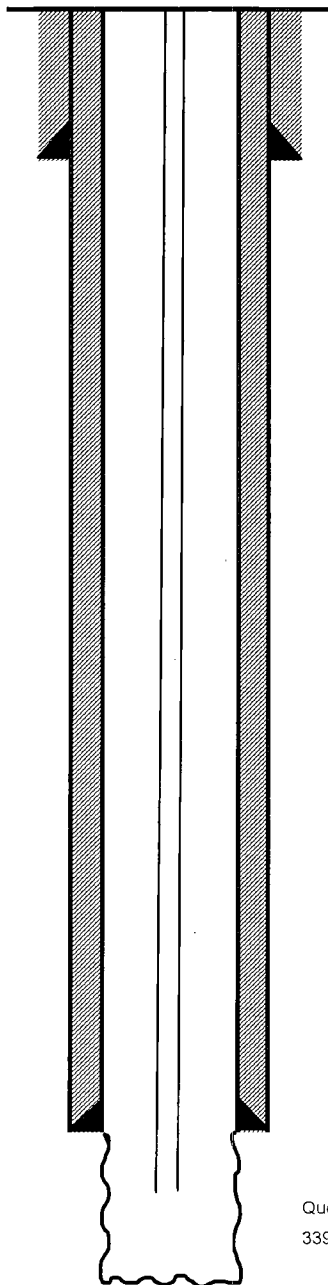
12/23/1974
2-3/8" tbg set @ 3486'

PBTD:

TD: 3670'

Updated: 9-4-07 by CHAY

**Current
Wellbore Diagram**



Queen OH
3394' to 3670'

Well ID Info:

OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10621
Spud Date: 3/19/1937
Rig Released:
Compl. Date: 6/24/1937

Surface Csg: 10-3/4" 40#

Set: @ 146' w/75 sxs cmt
Hole Size: 12-1/2" to 146'
Circ: Yes TOC: Surface
TOC By: Circulation

Initial Completion:

OH 3394' - 3670'

Subsequent Work

4-3-73 Rpr 1" csg Lk, f/1239' - 1270'. Sqzd w/250 sxs cmt.

DO, TST, RTP.

12-21-74 Trt Queen OH, 3394'-3670' w/50,000 gals gel, 75,000 #

20/40 sd, 2400# rock salt & 1000# acid flakes. RTP

Prod. Csg: 7" 22# csg

Set: @ 3395' w/400 sx cmt
Hole Size: 8-1/2"
Circ: TOC:
TOC By: Calculation

Well: SKELLY PENROSE B UNIT # 41
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

660' FNL & 1980' FWL
Section: 9
Township: 23S
Range: 37E Unit: C
County: Lea State: NM

Elevations:

GL:
KB:
DF: 3315'

Log Formation Tops

Rustler	
Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

Tubing Details

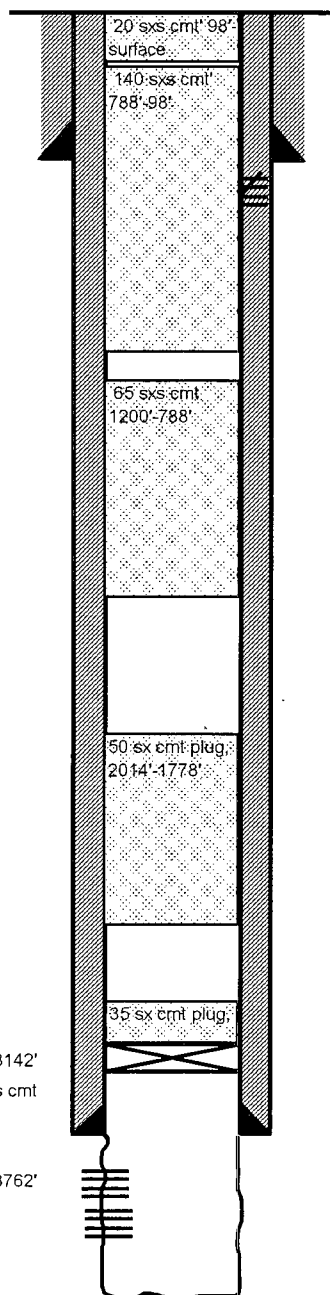
Pkr @ 3312'

PBTD:

TD: 3762'

Updated: 9-11-07 by CHAY

**Current
Wellbore Diagram**



OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10684
Spud Date: 6/5/1937
Rig Released:
Compl. Date: 8/4/1937

Surface Csg: 10-3/4" 40# Csg
Set: @ 171" w/100 sxs cmt
Hole Size: 12-1/2"
Circ: Yes TOC: Surface
TOC By: circ

Initial Completion:

Subsequent Work

8-20-75 Located leak in 7" csg @ 390'-450'. Sqzd w/200 sxs cmt. DO.
Tst, RTP.
10-10-88 Tst for leaks. Queen zone & salt protected. Leak in old
sqz holes @ 450', in fresh wtr sd. 10-13-88 - Notify NMOCD in Hobbs.
RD. Requesting a 6 mo extention to leave SI.
4-97 TA'd
8-4-04 Tag CIBP @ 3314'. Spot 35 sxs cmt @ 3314'-3142'
Spot 50 sxs @ 2014'-1778', tag. Spot 65 sxs @ 1200'-788', tag. Sqz
140 sxs @ 788'-98, tag. Spot 20 sxs @ 98' to surface. P&A'd - 8-9-04.

Prod. Csg: 7" 20# Csg
Set: @ 3390' w/500 sxs cmt
Hole Size: 8-1/4"
Circ: TOC: surface

Well: SKELLY PENROSE B UNIT # 42
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

660' FNL & 660' FWL
Section: 9
Township: 23S
Range: 37E Unit: D
County: Lea State: NM

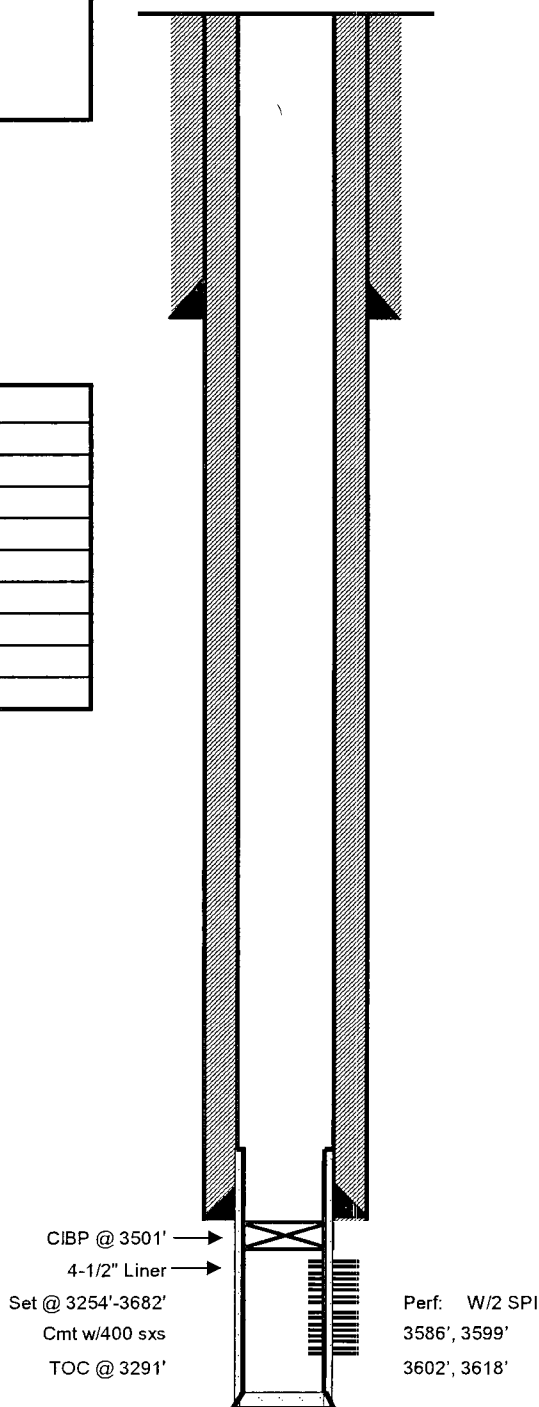
Elevations:

GL:
KB:
DF: 3321'

Log Formation Tops

Rustler	
Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

**Current
Wellbore Diagram**



PBTD:
TD: 3682'

Updated: 1-15-08 by chay

Well ID Info: Wtr Injection Well

OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10685
Spud Date: 7/6/1937
Rig Released:
Compl. Date: 8/28/1937

Surface Csg: 9-5/8"

Set: @ 1115' w/350 sxs cmt
Hole Size: 11"
Circ: Yes TOC: Surface
TOC By: Circulation

Initial Completion:

Perf @ 3586', 3599', 3602', 3618' w/2 SPI. Acdz w/750 gals.

Comp. as gas well, 9-1-37, OH 3449'-3682. Later conv to Oil well.

Subsequent Work

7-17-67 Wtr ljn. Equip. installed. Will be injected into the Penrose formation.

8-21-68 Dpn to 3682'. Ran 4-1/2" lnr, set w/ 400 sxs cmt. TOL

@ 3254'. Perf 3586' - 3618', w/2 SPI. Trt dwn tbq w/750 gals acid & 6 ball sealers. Ran 2-3/8" tbq. Pkr @ 3378'. RTI 8-29-68 in the Penrose. 10-20-77 Leak in 4-1/2" lnr @3470. Cmt w/ 650 sxs cmt, DO, Tst, RTI. 1-19-82 Tag @ 3606' - 76' of fill. CO to TD. Trt w/2000 gals acid. RTI.

5-14-93 Set CIBP @ 3501'. Ctr w/ corr inhib. POOH w/tbg. Well is TA

7-1-98 TA status extended for Wtrfld expansion to 6-3-09.

Prod. Csg: 7" 20# Csg

Set: @ 3449' w/300 sxs cmt
Hole Size: 8-3/4"
Circ: TOC: 1200'
TOC By:

4-1/2" 10.5# J-55 Liner

Set: @ 3254' - 3682' w/400 sx cmt.
Hole Size: 6-1/4"
TOC @ 3291'
TOC By: Est.

Perf: W/2 SPI
3586', 3599'
3602', 3618'

Well: SKELLY PENROSE A UNIT # 45
CIMAREX ENERGY OF COLORADO

Field: LANGLEIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

660' FSL & 660' FEL
Section: 9
Township: 23S
Range: 37E Unit: A
County: Lea State: NM

Elevations:

GL:
KB:
DF: 3303'

Log Formation Tops	
Rustler	
Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

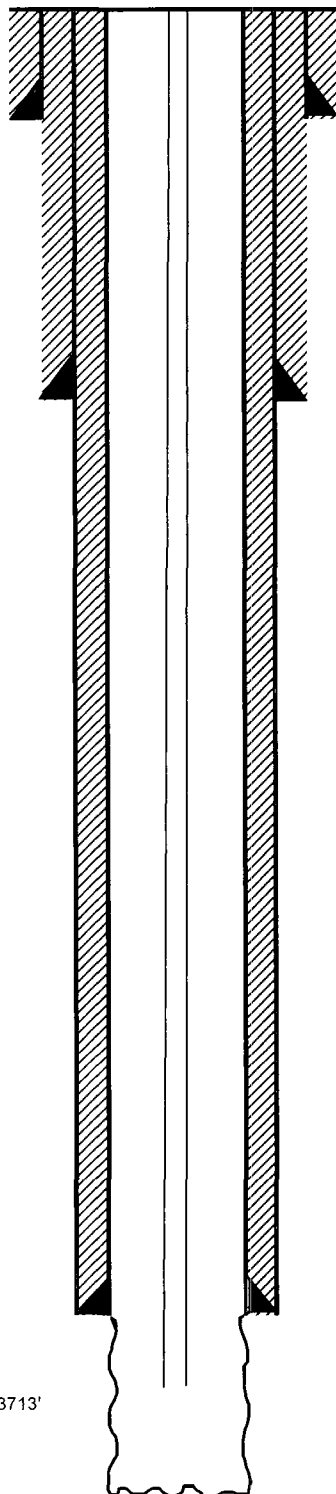
TUBING DETAIL -

12/20/1974
2-3/8" tbg set @ 3568'

PBTD:
TD: 3713'

Updated: 9-5-07 by CHAY

Current
Wellbore Diagram



OH @ 3400'-3713'

Well ID Info:

OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10691
Spud Date: 3/17/1937
Rig Released:
Compl. Date: 5/25/1937

Surface Csg: 10-3/4" 40#

Set: @ 141' w/100 sxs cmt

Hole Size: 12-1/2"

Circ: 'Yes' TOC: Surf

TOC By:

Initial Completion:

Subsequent Work

12-20-74 Trt Queen, 3565' - 3703', w/2000 gals pad; 50,000 gals gel,

75,000 # 20/40 sd, 1800# rock salt & 900# acid flakes.

Set tbg @ 3568', RTP.

Interm. Csg: 8-5/8" csg

Set: @ 1168' w/100 sxs cmt.

Hole Size: 9-1/2"

Circ: TOC: 607'

TOC By: Calculation

Prod. Csg: 7" 22# csg

Set: @ 3403' w/200 sxs cmt

Hole Size: 8-1/2"

Circ: TOC: 2279'

TOC By: Calculation

Well: SKELLY PENROSE A UNIT # 46
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:
660' FNL & 1980' FEL
Section: 9
Township: 23S
Range: 37E Unit: B
County: Lea State: NM

Elevations:
GL: 3298'
KB:
DF: 3310'

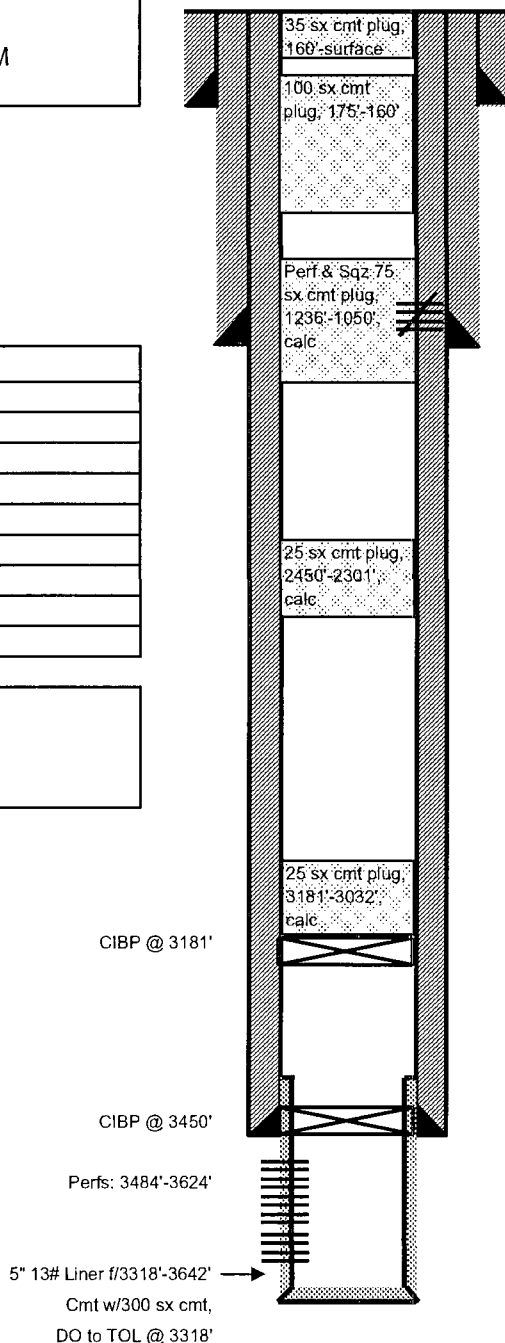
Log Formation Tops	
Rustler	
Salt	
Yates	
Seven Rivers	
Queen	
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

TUBING DETAIL -
2-7/8" Tbg to below Pkr @ 3197'

PBTD:
TD: 3642'

Updated: 9-5-07 by CHAY

Current
Wellbore Diagram



Well ID Info:
OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10692
Spud Date: 6/23/1937
Rig Released: na
Compl. Date: 8/13/1937

Surface Csg: 16", 70# Csg
Set: @ 128' w/75 sxs cmt
Hole Size: 17-1/2"
Circ: Yes TOC: Surf
TOC By: Circ

Initial Completion:

Perf'd 3493'-3630'

Subsequent Work

2-75 Rpr Csg Lk @ 2600'. Sqz'd w/250 sx cmt.

11-67 Convert to Injection

8-72 Set 5" liner f/3318'-3642'. Perf 3516'-3624'. Acdz w/1000 gal 15%.

2-75 Perf 3484'-88', 3505'-08', 3516'-20', 3530'-40', 3582', 3596'-98',

3606', 3624', total 36 shots, acdz w/6000 gals 15% HCL

11-30-01 Set CIBP @ 3450'. Tst to 500 psi. OK. Well TA'd.

6-18-07 Set CIBP @ 3,181', top w/25 sx cmt plug, f/3181'-3032', calc.

Set 25 sx cmt plug @ 2450'-2301', calc. Perf & Sqz 75 sx cmt plug @ 1236'. Tag TOC @ 1050'. Perf & sqz 100 sx cmt plug @ 175'.

Tag TOC @ 160'. Set 35 sx cmt plug @ 160' - surface.

Set Dry Hole Marker. Well P&A'd 6-20-07

Interm. Csg: 8-5/8" 28# Csg
Set: @ 1135' w/100 sxs cmt.
Hole Size: 9-1/2"
Circ: No TOC: 829'
TOC By: Calculation

Prod. Csg: 7" 20# Csg
Set: @ 3451' w/200 sxs cmt
Hole Size: 8-1/2"
Circ: TOC: 2251'
TOC By: Calculation

Well: SKELLY PENROSE A UNIT # 47
CIMAREX ENERGY OF COLORADO

Field: LANGLEIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:
1980' FNL & 1980' FEL
Section: 9
Township: 23S
Range: 37E Unit: G
County: Lea State: NM

Elevations:
GL:
KB:
DF: 3311'

Log Formation Tops	
T. Salt	1210'
B. Salt	2452'
Yates	2642'
Seven Rivers	2877'
Queen	3376'
Penrose	

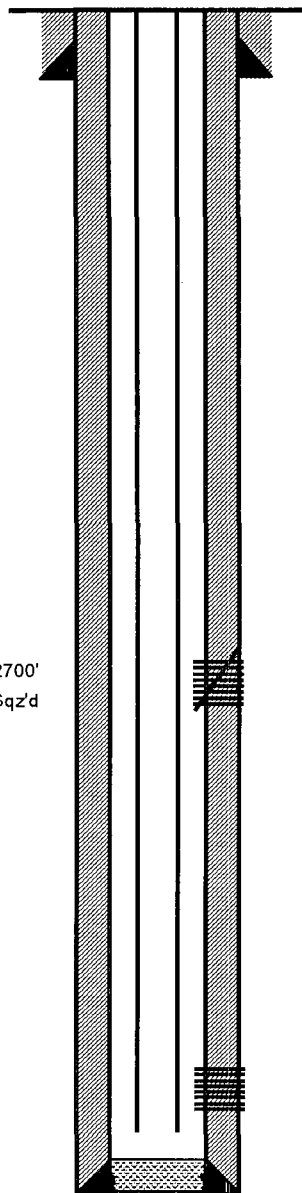
Perfs 2600'-2700'
4 holes, Sqz'd

TUBING DETAIL -
3/26/1974
2-3/8" tbg set @ 3625'

PBTD:
TD: 3650'

Updated: 9-10-07 by chay

Current Wellbore Diagram



OPERATOR: CIMAREX ENERGY OF COLORADO
API No: 30-025-10682
Spud Date: 7/21/1957
Rig Released:
Compl. Date: 8/12/1957

Surface Csg: 8-5/8" Csg
Set: @ 358' w/300 sxs cmt
Hole Size: 12 1/4" TO 358'
Circ: Yes TOC: Surface
TOC By: Circulation (sx)

Initial Completion:
Acidz perfs, 3502'-3634' w/500 gals mud acid. Frac w/30,000 gals sd oil. Total 150 rubber balls.

Subsequent Work
3-13-74 Perf 5-1/2" csg w/2 0.49" holes @ 2600'-2700', 4 holes. Trt w/750 gals 15%. Sqz perfs w/550 sxs cmt. & 8-5/8" csg w/150 sxs cmt. Cmt dwn to 2523' by TS. Do to 2634'. Tst to 1500#. OK. Ran 2-3/8" tbg to 3625'. RTP.

Perfs:
3502'-3634'

Status

Prod. Csg: 5 1/2" Csg
Set: @ 3650' w/200 sx cmt
Hole Size: 7-7/8" to 3650'
Circ: TOC: 2653'
TOC By: Calculation

Well: SKELLY PENROSE B UNIT # 51
Oxy USA Inc.

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:
1980' FNL & 760' FWL
Section: 9
Township: 23S
Range: 37E Unit: E
County: Lea State: NM

Elevations:
GL:
KB:
DF: 3319'

Log Formation Tops	
Rustler	
Base of Salt	2435'
Yates	2630'
Seven Rivers	2871'
Queen	3360'
Penrose	3469'
Grayburg	3628'
San Andres	
Penrose Skelly	

TUBING DETAIL -

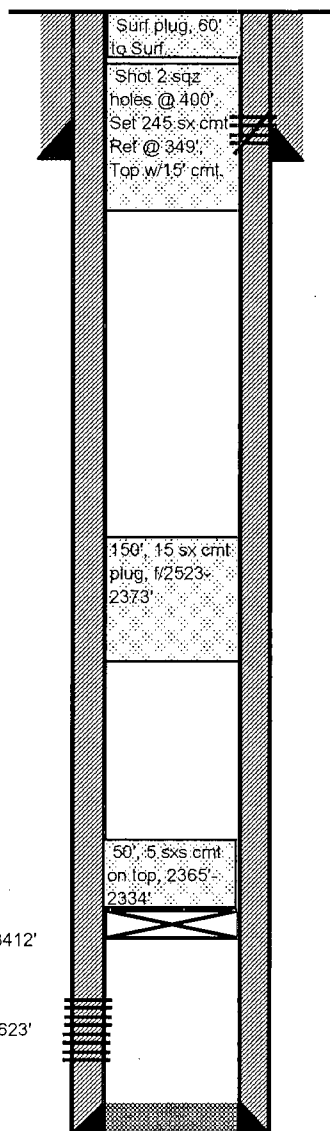
PBTD:
TD: 3630'

Updated: 9-17-07 by CHAY

Perfs: 3480' - 3623'

CIBP @ 3412'

**Current
Wellbore Diagram**



Well ID Info: P&A'd 4-29-93
OPERATOR: Oxy USA Inc.
API No: 30-025-10683
Spud Date: 11/14/1957
Rig Released: 11/25/1957
Compl. Date: 12/23/1957

Surface Csg: 8-5/8" 22.5# Csg
Set: @ 372' w/250 sxs cmt
Hole Size: 11 "
Circ: Yes TOC: Surf
TOC By: Circ

Initial Completion: Perfs: 3480'-3623'

Frac w/40,000# sd & 35,000 Lse oil.

Subsequent Work

4-22-93 Isolate csg lk @ 2365'-2334'. Set CIBP @ 3412', top w/50' cmt.
Set 15 sx, (150') plug f/2523'-2373'. Shot 2 sqz holes @ 400'. Set 245
cmt ret @ 349', top w/15' cmt. Set surf plug, 60' to surf. P&A'd 4-29-63.

Prod. Csg: 5-1/2" 14# Csg
Set: @ 3630' w/200 sxs cmt
Hole Size: 7-7/8"
Circ: TOC:

Well: SKELLY PENROSE B UNIT # 52
Oxy USA Inc.

Field: LANGLEIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:
1980' FNL & 1980' FWL
Section: 9
Township: 23S
Range: 37E Unit: F
County: Lea State: NM

Elevations:
GL: 3306'
KB:
DF: 3315'

Log Formation Tops	
Top of Salt	1220'
Base of Salt	2443'
Yates	2634'
Seven Rivers	2874'
Queen	3370'
Penrose	
Grayburg	3632'
San Andres	
Penrose Skelly	

PBTD:
TD: 3654'

Updated: 9-18-07 by CHAY

Current Wellbore Diagram

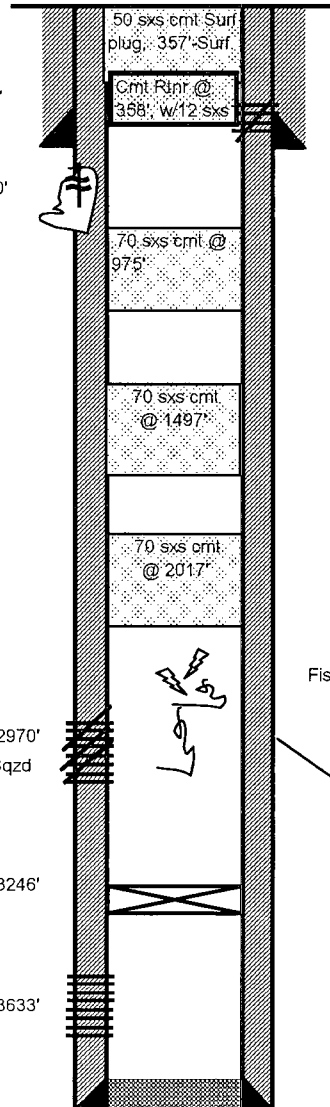
CICR @ 358'

Sqzd Csg Lk @ 350'

Perfs: 2886' - 2970'
Sqzd

CIBP @ 3246'

Perfs: 3512' - 3633'



Well ID Info: P&A'd 9-2-97
OPERATOR: Oxy USA Inc.
API No: 30-025-10686
Spud Date: 10/7/1957
Rig Released: 10/20/1957
Compl. Date: 10/29/1957

Surface Csg: 8-5/8" 22.7# Csg
Set: @ 372' w/250 sxs cmt
Hole Size: 11"
Circ: Yes TOC: Surf
TOC By: Circ

Initial Completion: Perfs: 3512'-3633'

Frac w/32,000 gals lse oil & 36,000# sd.

Subsequent Work

7-19-67 Conv to inj - thru 5-1/2" csg perfs @ 3512'-3633'.

9-2-72 Sqz perfs 3512'-3633' w/500 sxs cmt. Tst - DO. Spot 250 gals

7-1/2% acid. Perf w/1 3/8" shot @ 3526', 3534', 3554', 3578', 3600',

3607', 3616', & 3626'. 8 holes - 100' interval. Trt w/1000 gals 15%

NE & 16 ball sealers. Run 2-3/8" cmt In'd tbg. Set Pkr @ 3338'. RTI.

12-12-77 Perf 2 holes @ 2508', cmt w/250 sxs cmt. DO. Acdz w/5000
gals & 72 ball sealers. RTI.

2-25-80 Perf 2 holes @ 600'. Cmt w/300 sxs thru perfs. TOC @ 425'

by TS. Perf 1 hole @ 350', cmt w/100 sxs, circ 20 sxs. DO, Tst, Trt

5-1/2" perfs, 3526'-3626' w/1200 gals 15% & 16 ball sealers. RTI.

1-15-91 Conv to WSW. Set CIBP @ 3426'. Tst OK. Perf f/2970'-2992'.

Found bad tbg. Csg Lk @ 350'. Cmt sqz LK, DO. Tst OK. Found
leak at union.

4-23-97 TA'd for future Expansion of WtrFld Ut.

8-18-97 Tbg Part'd. Fish left in hole: 70 3/4" rods, pmp, & 80 5-7/8"

jts tbg. Caught fish, POOH w/5 jts tbg, 15 3/4" rods. Could not get
over fish. Mill'd for 3 days. Rec'd P&A approval f/ OCD.

8-29-97 Tag fill & spot 70 sxs @ 2017'. Spot 70 sxs @ 1497'.

Spot 70 sxs @ 975'. Set CICR @ 358'. Pmp 50 sxs @ 250# string out
of CR, rev out. Pmp 50 f/357' to surf. Circ 13 sxs to pit. Cut csg & WH,
install Dry Hole marker.

Prod. Csg: 5-1/2" 14# Csg
Set: @ 3654' w/300 sxs cmt
Hole Size: 7-7/8"
Circ: TOC:

Well: SKELLY PENROSE B UNIT # 53
WHITING OIL & GAS CORP.

Field: LANGLEIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

1980' FSL & 1980' FWL
Section: 9
Township: 23S
Range: 37E Unit: K
County: Lea State: NM

Elevations:

GL:
KB:
DF: 3316'

Log Formation Tops

Salt	1190
Yates	2637'
Seven Rivers	2876'
Queen	3370'
Penrose	3481'
Grayburg	3636'

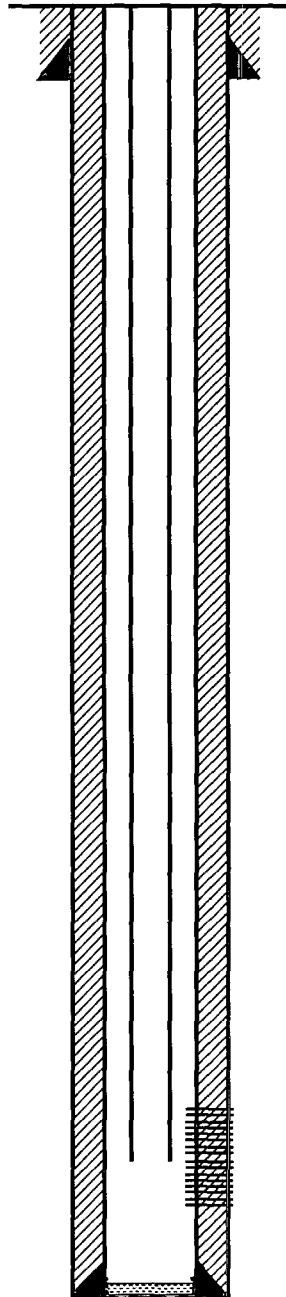
TUBING DETAIL -

10-5/8" TBG set @ 3625'

PBTD:
TD: 3660'

Updated: 9-24-07 by chay

**Current
Wellbore Diagram**



OPERATOR: WHITING OIL & GAS CORP.

API No: 30-025-10688

Spud Date: 4/21/1958

Rig Released: 5/2/1958

Compl. Date: 5/7/1958

Surface Csg: 8-5/8" 22.7# Csg

Set: @ 370' w/225 sxs cmt

Hole Size: 11" to 370'

Circ: Yes TOC: Surface

TOC By: Circulation

Initial Completion:

Perfs: 3516'-3636'. Frac w/35,000 gals Lse oil & 35,000 Sd.

Subsequent Work

12-26-74 Perf w/2 0.45" holes @ 2600' Trt w/500 gals acid. Sqzd

w/100 sxs cmt. DO Tst. Acdz w/1000 gals 15% acid. Sqzd w/100 sxs

cmt. DO Tst. Perf 2 shots @ 1005', sqz w/420 sxs cmt. DO. Sqzd

w/350 sxs cmt. DO Tst, Trt w/1000 gals 15%. Ran 114 jts. 2-3/8" tbg.

Set @ 3545'. RTP

10-5/8" Csg stab connected. Good cmt 11200-200'. Set 8-1/2" Csg @

install risers & new WH. RIH w/ 2-3/8 tbg set @ 3625'. RIH w/pmp.

Pmp'g to Btty @ 50" STR-X 12-SPM.

Perfs:

3516' - 3636'

Prod. Csg: 5-1/2" 14# Csg

Set: @ 3660' w/200 sx cmt

Hole Size: 7-7/8"

Circ: 10C: 2663'

10C By: Calculation

Well: SKELLY PENROSE A UNIT # 56
CIMAREX ENERGY OF COLORADO

Field: LANGLIÉ-MATTIX

Reservoir: 7RVS, QUEEN, Grayburg

Location:

1650' FSL & 660' FEL
Section: 9
Township: 23S
Range: 37E Unit: I
County: Lea State: NM

Elevations:

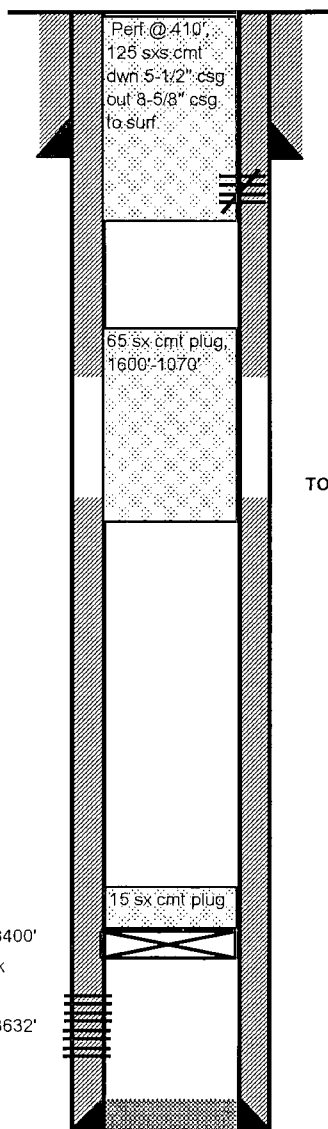
GL: 3294'
KB:
DF: 3305'

Log Formation Tops

Rustler	
Salt	1225'
Yates	2671'
Seven Rivers	
Queen	3504'
Penrose	
Grayburg	
San Andres	
Penrose Skelly	

Current

Wellbore Diagram



OPERATOR CIMAREX ENERGY OF COLORADO
API No: 30-025-10681
Spud Date: 9/26/1961
Rig Released: 10/3/1961
Compl. Date: 10/14/1961

Surface Csg: 8-5/8" 24# Csg
Set: @ 375" w/175 sxs cmt
Hole Size: 11"
Circ: Yes TOC: Surface
TOC By: circ

Initial Completion:

Sand-Oil trt w/40,000 gals oil & 60,000# sand

Perfs: 3520' - 3632'

Subsequent Work

2-7-97 CIBP @ 3400', cap w/15 sxs cmt. Csg leaking. Spot 65 sxs cmt f/1600' to 1000' to cover hole. Tag plug @ 1070'. Perf @ 410'.

Pmp 125 sxs dwn 5-1/2" csg out the 8-5/8" csg to surf.

5-1/2" csg, full of cmt. P&A'd 2-10-97

TOC @ 1572'

CIBP @ 3400'
Csg lk

Perfs: 3520'-3632'

PBTD: 3645'
TD: 3665'

Prod. Csg: 5-1/2" 14# Csg
Set: @ 3664' w/200 sxs cmt
Hole Size: 7-7/8"
Circ: No TOC: 1572'
DV Tool @ 1146' w/75 sxs

Updated: 9-11-07 by CHAY

Well: SKELLY PENROSE A UNIT # 64
CIMAREX ENERGY OF COLORADO

Field: LANGLIE-MATTIX

Reservoir: 7RVS, QUEEN

Location:

1380' FSL & 30' FWL
Section: 3
Township: 23S
Range: 37E Unit: L
County: Lea State: NM

Elevations:

GL: 3289'
KB:
DF:

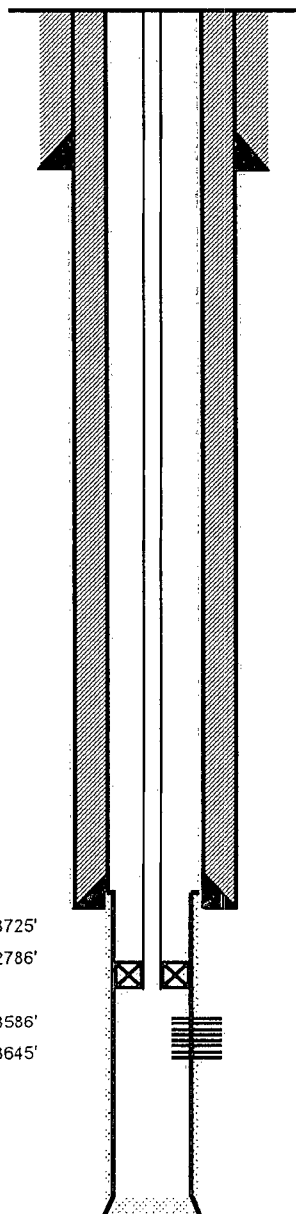
Log Formation Tops

T. Salt	
B. Salt	
Yates	2636'
Seven Rivers	2870'
Queen	3376'
Penrose	
Grayburg	3660'

TUBING DETAIL -

2-3/8" tbg set @ 3391'
Pkr set @ 3391'

Current
Wellbore Diagram



5" Liner 2786' to 3725'
Cmt @ TOL @ 2786'

Perfs: 3495'-3586'
3603'-3645'

OPERATOR: CIMAREX ENERGY OF COLORADO
API No: 30-025-24773
Spud Date: 7/16/1974
Rig Released: 7/29/1974
Compl. Date: 8/25/1974

Surface Csg: 9-5/8" 36# Csg
Set: @ 508' w/250 sxs cmt
Hole Size: 12-1/2"
Circ: yes TOC: Surf.
TOC By: Circulation

Initial Completion:

Queen Perfs: 3495'-3586' & 3603'-3645'. Trt w/500 gals 15% NE, and
75,000 # 20/40 sd.

Subsequent Work

Prod. Csg: 7" 23# Csg
Set: @ 3011' w/ 1900 sxs cmt
Hole Size: 8-3/4" hole to 3040'
Circ: yes TOC: Surf
TOC By: Circulation

Liner: 5" OD Liner
TOL @ 2786' TO 3725' Cmt w/160 sxs
Hole Size: 6-1/8" hole to 3725'
Circ: TOC: 2786' - TOL
TOC By: Circulation

PBTD:
TD: 3725'

Updated: 9-11-07 by chay

TITLE CLEARANCE
(Convert To Salt Water Disposal)

Date: 10/8/07
Well: B. F. Harrison "B" # 12
Field: N. Teague
County: Lea
State: New Mexico
Legal Location: 760' FNL & 2100' FWL,
Section 9, Unit Letter C,
T23S, R37E

TO: Tami Parham

Title Clearance for the subject well is requested:

Desired Commencement Date: 10/25/07 – (Submittal of SWD Application to OCD)

Date Title Clearance is Needed: 10/25/07

PBTD: 8715'

Total Depth: 8950'

Estimated Workover Time: 16 Days

Proposed Completion: San Andres (4200'-5000')

Location Subject to SOPA: No, all work can be performed on current caliche location
However, it will be necessary to lay a new SWD injection line to the well before commencing injection
(New Dirt to be disturbed or Off Pad Activity?)

Mike Howell

TO:

It is satisfactory from a land and title standpoint to commence the proposed operations as outlined above, subject to the matters hereinafter set forth in paragraphs 1 through 6 .

***NOTE: SOPA Requirements in paragraph 3. Prior to laying any line outside of the existing pad, a 30 day notice will be required.**


_____ **DKB**

Date: 10/24/07

TITLE CLEARANCE
B.F. Harrison B #12

Location: 760' FNL & 2100' FWL, Section 9, Unit Letter C, T23S, R37E, Lea County, New Mexico.

Date: 10/22/07

1. ***Lease Information (Fee):***

Name: Benjamin F. Harrison
Date: 04/01/1926
Location: In part – NW4 Sec 9, T-23-S, R-37-E
Depth: 0-3271' & 3663'-Center of Earth
CVX: 100% Working Interest
Royalty: 1/8

- The well is located within the Skelly Penrose B Unit, however at the proposed depths, the well will not be subject to the unit regulations. Please assure yourself that the proposed operations will not interfere with unit operations.

2. ***Lease Status:***

Our records indicate that the lease is held by production. You should satisfy yourself that the lease has been held by production in paying quantities.

3. ***Surface:***

(It is noted that this operation may cause new dirt to be disturbed by the laying of a new SWD injection line and, therefore, Chevron must be in compliance with the Surface Owners Protection Act (SOPA).) The Surface Landman is hereby requested to send a notice to the surface owner that a company representative, contractor, or surveyor will be entering the property. The notice is to be sent by certified mail, return receipt requested or hand delivered, with a signed receipt from the surface owner of such. The notice must be delivered five (5) **business** days before any staking of the well location, inspecting for placement of equipment or surveying the well location occurs. If the notice is to be mailed, it should be sent out five (5) days before the five day notice period begins. In addition, thirty (30) days prior to the commencement of operations, the Land Dept. must provide the surface owner with a surface use agreement which incorporates the terms and conditions for the use of the surface and a proposed surface use and compensation agreement which sets out our proposed operations and compensation for such. Accompanying the surface use agreement, we must provide certain information to the surface owner regarding our operations. **Do not proceed with commencement of operations without notification from the Land Dept. that the thirty (30) day notice and negotiation period has expired or that we have an executed surface use agreement in place and the compensation amounts have been settled.**

***When the location of the flowline is decided please provide the Land Department with a plat showing the placement of said line, which will allow the Land Department to provide 30 day notice to surface owners to comply with SOPA.**

4. Permits:

You should comply with all State and local agencies' regulations and acquire any necessary permits and/or approval prior to the commencement of the proposed operations. You should also insure that the operations comply with any NMOCD and State rules and regulations.

5. Legal Notice:

It is assumed there are no pending lawsuits, adverse claims, or other matters that will affect proposed operations on the subject premises.

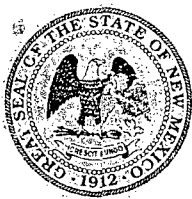
6. Limitations:

This title clearance is limited to the well and the proposed completion as set out in the title clearance request. Land Department approval and clearance should be obtained prior to performing operations other than those specified herein or operations pertaining to wells other than the one named herein.

CC: Danny Lovell
Hollis Cox
Reggie Holzer

Bailey Blakemore
Lynn Tibbe
Randy Shannon

(QLS #086486)



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark Fesmire, P.E.

Director

Oil Conservation Division

ADMINISTRATIVE ORDER SWD-926

APPLICATION OF CHEVRONTEXACO FOR PRODUCED WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), ChevronTexaco made application to the New Mexico Oil Conservation Division on May 11, 2004, for permission to utilize for produced water disposal its B.F. Harrison "B" Well No. 12 (API No. 30-025-32172) located 760 feet from the North line and 2,100 feet from the West line of Section 9, Township 23 South, Range 37 East, NMPPM, Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

(1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;

(2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;

(3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and

(4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

The applicant is hereby authorized to utilize its B.F. Harrison "B" Well No. 12 (API No. 30-025-32172) located 760 feet from the North line and 2,100 feet from the West line of Section 9, Township 23 South, Range 37 East, NMPPM, Lea County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the Lower San Andres formation from 4,200 feet to 5,000 feet through plastic-lined tubing set in a packer located within 100 feet above the top perforation.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

As preparation and prior to injection in this well, a wellbore plug – satisfactory to the Hobbs District office - shall be placed within 200 feet of the lowermost injection interval. In addition, the estimated reservoir pressure of the injection interval shall be supplied in writing to the Division.

Prior to injection in this well, the following area of review work shall be done on the B.F. Harrison "B" Well No. 2. The cement top shall be verified by cement bond log or a search of the well records. This verification shall be supplied to the Hobbs District office. If the cement top is below 4,200 feet deep, the well shall be perforated above the cement top and adequate cement squeezed to raise the top above the depth of the intermediate casing shoe.

After installing injection tubing and prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The wellhead injection pressure on the well shall be limited to **no more than 840 psi**. In addition, the injection well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the

Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall provide written notice of the date of commencement of injection to the Hobbs district office of the Division. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 5th day of June 2004.



MARK E. FESMIRE, P.E.
Director

MEF/wvj

cc: Oil Conservation Division – Hobbs

9-11-2003

Re: Texaco Harrison BF B #12
Water disposal recommendation

It is recommended that the subject well is perforated from 4250-4950' in the San Andres Formation and used as a water disposal well.

The Texaco Harrison BF B WD-16 has recently encountered mechanical problems and it is recommended that the #16 is P&A'd and the #12 is used as the replacement water disposal well.

The recommended perms for the #12 are the same stratigraphically as the #16. The #16 was capable of taking ~5000 BWPD. It is anticipated that the #12 should be able to handle similar water volumes.

The upper part of the San Andres was evaluated for a possible recompletion. The Harrison #23 had a good mud log show, with some oil on the pits, in the top part of the San Andres but the produced reserves in the two offsets (Harrison #19 and Sims #2) are low and it is probably not worth pursuing at this time.

Tim Denny

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819



ARDINAL
LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TEXAS 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

CHEMICAL ANALYSIS OF WATER

Company : Peak Consulting Services
City, St.:
Proj. Name: Water Well & Windmill
Location : Eunice - Harrison Area
Sample 1 : Windmill S16 T23 R37E
Sample 2 : Water Well S8 T23 R37E
Sample 3 :
Sample 4 :

Date : 8/9/93
Lab #: H1317

PARAMETER	RESULT (mg/L)			
	SAMPLE			
	1	2	3	4
pH	7.25	9.12		
Hardness (CaCO ₃)	456	212		
Calcium (CaCO ₃)	340	92		
Magnesium (as CaCO ₃)	116	120		
Sulfate (SO ₄ ⁻)	180.5	166.0		
Chloride (Cl ⁻)	180	88		
TDS	988	620		
PhenoAlkinity (p-Alk)	0	48		
Total Alkalinity	220	172		

Michael R. Fowler

8/9/93
Date



Carolyn Haynie
Petroleum Engineering
Technical Assistance

Permian Business Unit
Chevron MidContinent, L.P.
15 Smith Road
Midland, TX 79705
Tel 432-687-7261
Fax 432-687-7558
chay@chevron.com

August 5, 2008

**CONVERT TO SWD
B. F. HARRISON "B" WELL #12
LEA COUNTY, NEW MEXICO**

Attn: Offset Operator

Chevron U.S.A., Inc. as Operator of the B. F. Harrison B Lease, has filed an application to inject salt water into the B. F. Harrison 'B' #12, which is located: 760' FNL & 2100' FWL, Unit Letter C, Section 9, T23S, R37E, Lea County, New Mexico. This application was previously approved but the permit lapsed during a company reorganization and a change of office personal.

The injection interval will be in the lower San Andres and there is no Lower San Andres production from this interval in the immediate area. The injection interval will be approximately 4200' to 5000'.

Attached is an OCD Form C-108 with information relative to the SWD injection of the referenced well. Also attached is a copy of the legal notice that has been posted in the Hobbs News-Sun.

If additional information is required, please contact Carolyn Haynie at (432) 687-7621.

Sincerely,

A handwritten signature in cursive script that reads "Carolyn Haynie".

Carolyn Haynie
Petroleum Eng TA
New Mexico – Eunice Primary

Attachments

cc: Danny Lovell
Mike Howell

B.F. Harrison # 12; OffSet Operators within 1/2 mile

Company	Well Name	Well No.	API #	Field	Reservoir	Status	Location	Unit Letter	Sec.	Tsp	Rge	TD
1 Breck Operating Co. P.O. BOX 911 Breckenridge, TX 76424	Harrison, B. F. C	1	30-025-31956	N Teague	Paddock, L.	TA'd	1840 FSL & 670 FWL	L	9	23S	37E	6000'
2 Cimarex Energy of Colorado	Skelly Penrose A Unit	33	30-025-10623	Langlie-Mattix	7Rivers, Qn	TA'd	550 FSL & 990 FWL	M	4	23S	37E	3650'
3 1700 Lincoln St., Ste. 1800	Skelly Penrose A Unit	34	30-025-10622	Langlie-Mattix	7Rivers, Qn	TA'd	660 FSL & 1980 FWL	N	4	23S	37E	3650'
4 Denver, CO 80203	Skelly Penrose A Unit	35	30-025-10621	Langlie-Mattix	7Rivers, Qn	Active	660 FSL & 1980 FEL	O	4	23S	37E	3670'
7 also:	Skelly Penrose A Unit	45	30-025-10691	Langlie-Mattix	7Rivers, Qn	Active	660 FNL & 660 FEL	A	9	23S	37E	3713'
8 Cimarex Energy of Colorado	Skelly Penrose A Unit	46	30-025-10692	Langlie-Mattix	7Rivers, Qn	P&A'd 6-20-07	660 FNL & 1980 FEL	B	9	23S	37E	3642'
9 P.O. Box 140907	Skelly Penrose A Unit	47	30-025-10682	Langlie-Mattix	7Rivers, Qn	Active	1980 FNL & 1980 FEL	G	9	23S	37E	3650'
14 Irving, TX 75014-0907	Skelly Penrose A Unit	64	30-025-24773	Langlie-Mattix	7Rivers, Qn	Active	1380 FSL & 30 FWL	L	3	23S	37E	3725'
5 Celero Energy Inc. 400 W. Illinois Suite 1300 Midland, TX 79701	Skelly Penrose B Unit	41	30-025-10684	Langlie-Mattix	7Rivers, Qn	P&A'd - 8-9-04	660 FNL & 1980 FWL	C	9	23S	37E	3763'
6 Whiting Oil and Gas Corp	Skelly Penrose B Unit	42	30-025-10685	Langlie-Mattix	7Rivers, Qn	TA'd	660 FNL & 660 FWL	D	9	23S	37E	3682'
12 1700 Broadway, Ste. 2300 Denver, Colorado 80290-1703	Skelly Penrose B Unit	53	30-025-10688	Langlie-Mattix	7Rivers, Qn	Active	1980 FSL & 1980 FWL	K	9	23S	37E	3660'
10 Oxy USA Inc.	Skelly Penrose B Unit	51	30-025-10683	Langlie-Mattix	7Rivers, Qn	P&A'd - 4-29-93	1980 FNL & 760 FWL	E	9	23S	37E	3630'
11 P.O. BOX 50250 Midland, TX 79710-0250	Skelly Penrose B Unit	52	30-025-10686	Langlie-Mattix	7Rivers, Qn	P&A'd - 9-2-97	1980 FNL & 1980 FWL	F	9	23S	37E	3654'
13 Apache Corp 2000 Post Oak, Suite 100 Houston, TX 77056	Skelly Penrose A Unit	56	30-025-10681	Langlie-Mattix	7Rivers, Qn	P&A'd - 8-18-96	1650 FSL & 660 FEL	I	9	23S	37E	3665'



Carolyn Haynie
Petroleum Engineering
Technical Assistance

Permian Business Unit
Chevron MidContinent, L.P.
15 Smith Road
Midland, TX 79705
Tel 432-687-7261
Fax 432-687-7558
chay@chevron.com

August 5, 2008

**CONVERT TO SWD
B. F. HARRISON "B" WELL #12
LEA COUNTY, NEW MEXICO**

SUFACE OWNER
Ms. Imajean Salsman
P. O. Box 184
Centerpoint, TX 78010

Dear Ms. Salsman:

Chevron U.S.A., Inc. as Operator of the B. F. Harrison B Lease, has filed an application to inject salt water into the B. F. Harrison 'B' #12, which is located: 760' FNL & 2100' FWL, Unit Letter C, Section 9, T23S, R37E, Lea County, New Mexico. This application was previously approved but the permit lapsed during a company reorganization and a change of office personal.

The injection interval will be in the lower San Andres and there is no San Andres production from this interval in the immediate area. The injection interval will be approximately 4200' to 5000'.

Attached is an OCD Form C-108 with information relative to the SWD injection of the referenced well. Also attached is a copy of the legal notice that was posted in the Hobbs News-Sun.

If additional information is required, please contact Carolyn Haynie at (432) 687-7261.

Sincerely,

A handwritten signature in cursive script that reads "Carolyn Haynie".

Carolyn Haynie
Petroleum Eng TA
New Mexico - Eunice Primary

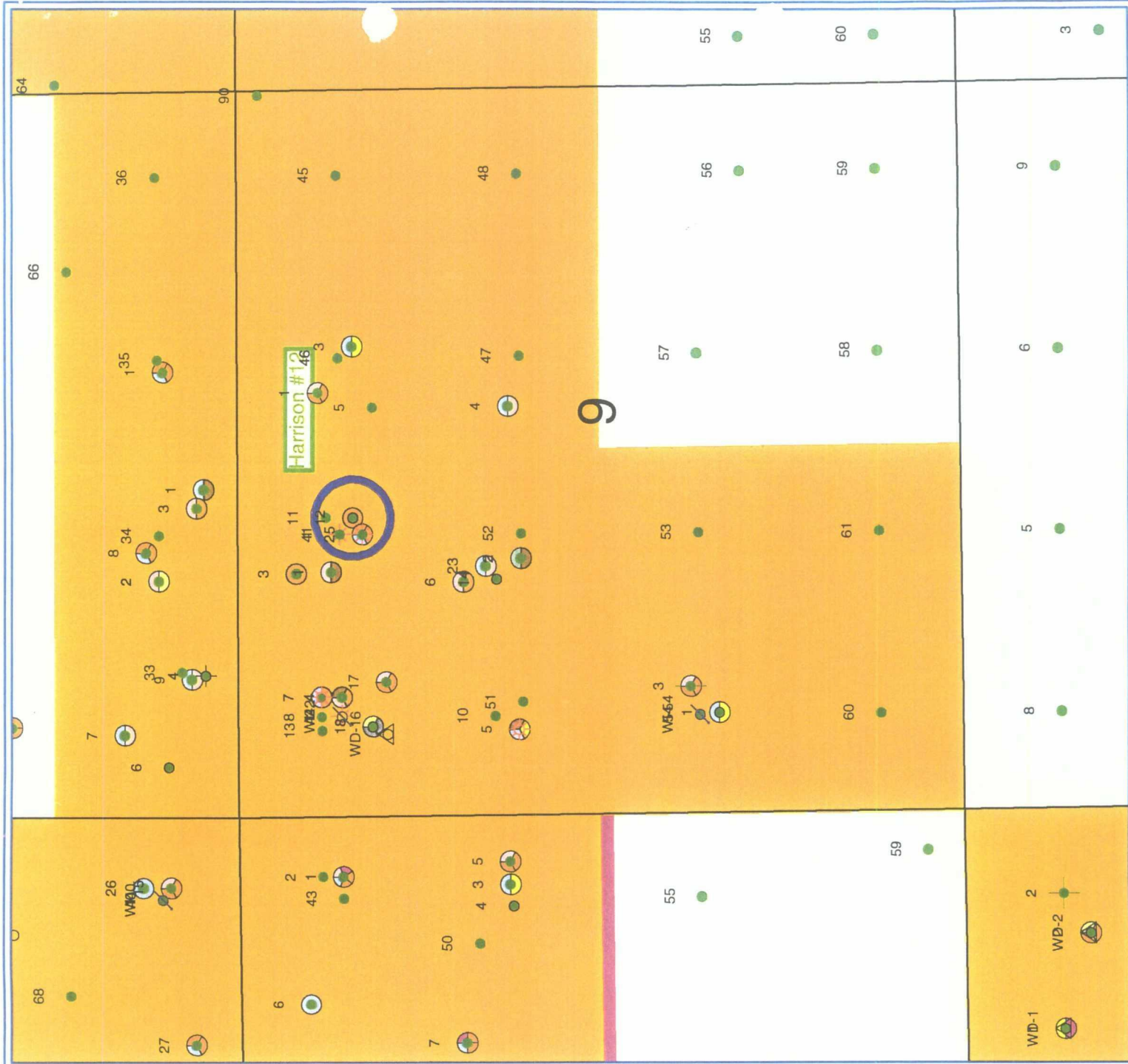
Attachments

closure

cc: NMOCD - Hobbs District 2
Lease File
Mike Howell
Danny Lovell

Surface Owner:

Ms Imajean Salsman
P.O. BOX 184
Centerpoint, TX 78010



Lea Co Eunice Primary

CI=25'

ATTRIBUTE MAP

- Zone: PRODUCTION - CUMOIL_453YSRQ IS PRESENT
- Zone: PRODUCTION - CUMGAS_453YSRQ IS PRESENT
- Zone: PRODUCTION - CUMOIL_453GRBG IS PRESENT
- Zone: PRODUCTION - CUMOIL_453GBSA IS PRESENT
- Zone: PRODUCTION - CUMOIL_453GLRT IS PRESENT
- Zone: PRODUCTION - CUMOIL_451PCK IS PRESENT
- Zone: PRODUCTION - CUMOIL_452PDCKL IS PRESENT
- Zone: PRODUCTION - CUMOIL_452BLBR IS PRESENT
- Zone: PRODUCTION - CUMOIL_452TUBB IS PRESENT
- Zone: PRODUCTION - CUMGAS_452TUBB IS PRESENT
- Zone: PRODUCTION - CUMOIL_452DRKD IS PRESENT
- Zone: PRODUCTION - CUMOIL_452ABO IS PRESENT
- Zone: PRODUCTION - CUMOIL_452DKAB IS PRESENT
- Zone: PRODUCTION - CUMOIL_451WFMF IS PRESENT
- Zone: PRODUCTION - CUMOIL_252FSLM IS PRESENT
- Zone: PRODUCTION - CUMOIL_202SMPS IS PRESENT
- Zone: PRODUCTION - CUMOIL_202MCKE IS PRESENT
- Zone: PRODUCTION - CUMOIL_201ELBG IS PRESENT
- Zone: PRODUCTION - CUMGAS_402MRRW IS PRESENT
- Zone: PRODUCTION - CUMGAS_402MRRW IS PRESENT
- Zone: PRODUCTION - CUMOIL_404STRN IS PRESENT
- Zone: PRODUCTION - CUMGAS_404STRN IS PRESENT
- Zone: PRODUCTION - CUMOIL_453SADR IS PRESENT



EXACO
SON B.F. B 25
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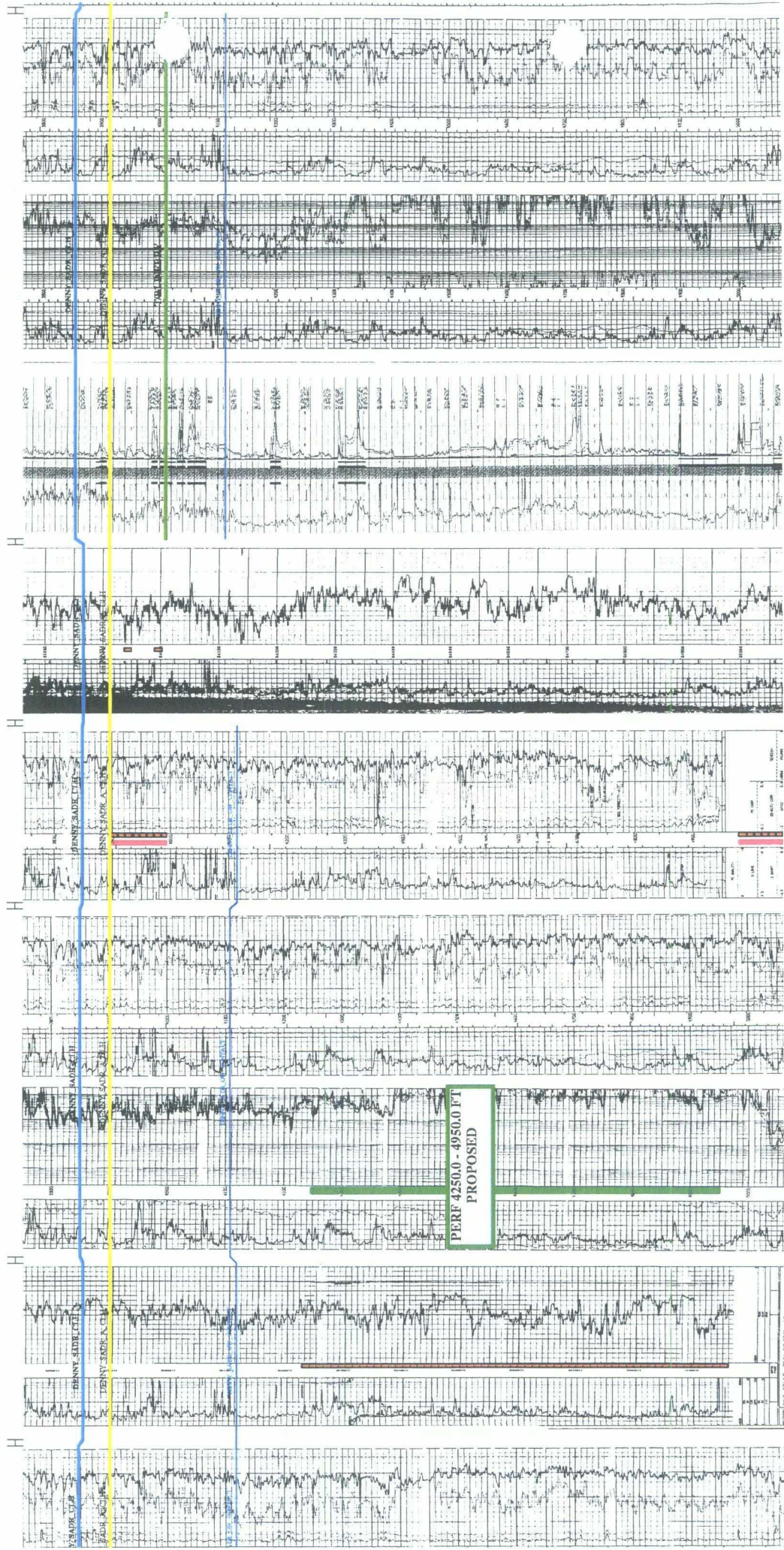
TEXACO
HARRISON B.F. "B" WD-16
TD 4960
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TEXACO
HARRISON B.F. B 12
TD 8950
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TEXACO
HARRISON B.F. "B" 18
TD 5000
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023.0S 037.0E 009

TEXACO
SIMS R 2
TD 8965
30025315380000
023.0S 037.0E 004

TEXACO
HARRISON B.F. "B" 23
TD 7150
30025324980000
023.0S 037.0E 009





LEGAL NOTICE

August 20, 2008

Notice is hereby given of the application of CHEVRON U.S.A., INC., 15 Smith Road, Midland, TX 79705, (432) 687-7261, to the Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, for the approval of the following oil well to be converted for the purpose of water disposal.

From: B. F. Harrison 'B' #12 (30-025-32172)

To: B.F. Harrison 'B' #12, Salt Water Disposal well.

Located at 760' FNL & 2100' FWL of Sec 9 – T23S – R37E, Unit C, Lea Co., NM.

The injection formation is the Lower San Andres located between the interval of 4200' MD to 5000' MD, below the surface of the ground. Expected maximum injection rate will be 9000 barrels per day and the expected injection pressure is 845 psi.

Interested parties should file objections or requests for hearing with the **Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505** within 15 days, of this notice.