

DATE IN <u>1-20-10</u>	SUSPENSE	ENGINEER <u>Wand</u>	LOGGED IN <u>1-20-10</u>	TYPE <u>PMX</u>	PTG-W APP NO. <u>1002048778</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau 2010 JAN 19 PM

1220 South St. Francis Drive, Santa Fe, NM 87505



ConocoPhillips
217 817

E mail 1/25/10

ADMINISTRATIVE APPLICATION CHECKLIST

PMX-255

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

Application Acronyms:

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

3 VAU wells

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

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

Check One Only for [B] or [C]

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

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

- ☐ [D] Other: Specify _____

R-3180
3181

Vacuum Abo Unit
8-9, #13-13
14-1

[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

VAU #9 30-025-03024

VAU #13 30-025-03071

VAU #1 30-025-03063

[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.

JAWN N. FISKE

Print or Type Name

Signature

REGULATORY SPECIALIST 11/2/09

Title

Date

jawn.fiske@conocophillips.com

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: ConocoPhillips Company
ADDRESS: 3300 N. "A" Street, Bldg. 6 Midland, TX 79705
CONTACT PARTY: JALYN N. FISKE PHONE: 432-688.6813
- 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. *Attached - Exhibit 1*
- IV. Is this an expansion of an existing project? X Yes No
If yes, give the Division order number authorizing the project: R-3180 & R-3181
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. *Attached - Exhibit 2*
- VI. Attach a tabulation of data on all wells of public record within the area of review, which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. *Attached: Exhibit 3 & Exhibit 4*
- 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. *(Previously Submitted)*
- 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. *(Previously Submitted)*
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. *(Not Applicable)*
- 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: JALYN N. FISKE TITLE: REGULATORY SPECIALIST
SIGNATURE: *Jalyn N. Fiske* DATE: 11/12/09
E-MAIL ADDRESS: JALYN.FISKE@CONOCOPHILLIPS.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: _____

- VII.
1. Maximum injection rate: 3000 barrels of water per day
 2. Closed
 3. Maximum injection pressure: 1350 psi
 4. Produced Water will be used as the injection fluid
 5. N/A

IX. Wells will be acidized with 3000 gal 15% HCL upon conversion

X. Wells that have been previously drilled, which includes all wells seeking approval in this application, have already had logs submitted to the Division.



Water Analysis Report

10/20/2009

Address:

Customer: Conoco Phillips

Attention: Kenny Kidd

Lease: EVGSAU

Formation:

Salesman: Mike Baker

CC: M. Baker, Corey Hodnett

Target Name: EVGSAU 3202-S07

Sample Point: EVGSAU 3202-S07

Sample Date: 10/09/2009

Test Date: 10/20/2009

Water Analysis(mg/L)

Calcium	88
Magnesium	29
Barium	
Strontium	
Sodium(calc.)	111
Bicarbonate Alkalinity	281
Sulfate	25
Chloride	230
Resistivity	8.3770

Appended Data(mg/L)

CO2	40
H2S	17
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.02
pH(calc.)	5.67
Temperature(°F)	90
Pressure(psia)	50
Density	8.33

Additional Data

Specific Gravity	1.00
Total Dissolved Solids(Mg/L)	764
Total Hardness(CaCO3 Eq Mg/)	339

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

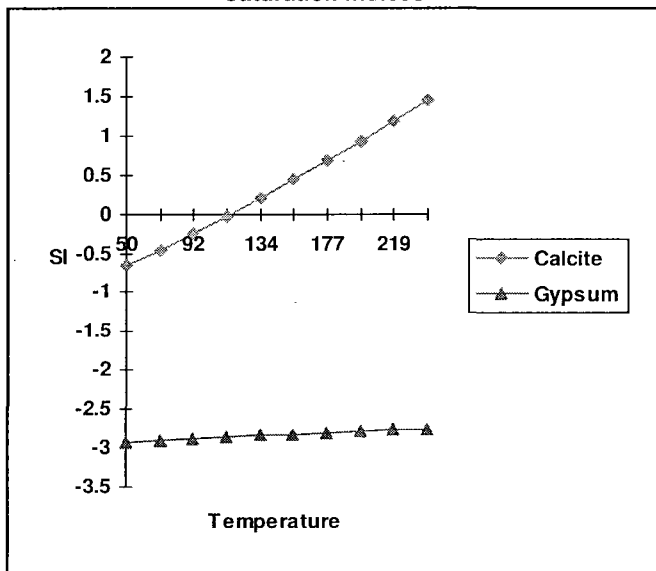
Calculation Method	Value
CO2 in Brine(mg/L)	40

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.27	
Gypsum (Calcium Sulfate)	-2.88	
Hemihydrate (Calcium Sulfate)	-2.63	
Anhydrite (Calcium Sulfate)	-3.13	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.66	-0.46	-0.25	-0.03	0.20	0.44	0.68	0.93	1.19	1.46
Gypsum	-2.93	-2.90	-2.88	-2.86	-2.84	-2.82	-2.80	-2.78	-2.77	-2.75

Lab Tech.: *[Signature]*



Water Analysis Report

10/20/2009

Address:

Customer: Conoco Phillips

Attention: Kenny Kidd

Lease: EVGSAU

Formation:

Salesman: Mike Baker

CC: M. Baker, Corey Hodnett

Target Name: EVGSAU 2864-S02

Sample Point: EVGSAU 2864-S02

Sample Date: 10/09/2009

Test Date: 10/20/2009

Water Analysis(mg/L)

Calcium	40
Magnesium	413
Barium	
Strontium	
Sodium(calc.)	
Bicarbonate Alkalinity	281
Sulfate	68
Chloride	121
Resistivity	

Appended Data(mg/L)

CO2	20
H2S	0
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.04
pH(calc.)	7.16
Temperature(°F)	90
Pressure(psia)	50
Density	

Additional Data

Specific Gravity	
Total Dissolved Solids(Mg/L)	
Total Hardness(CaCO3 Eq Mg/	1793

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

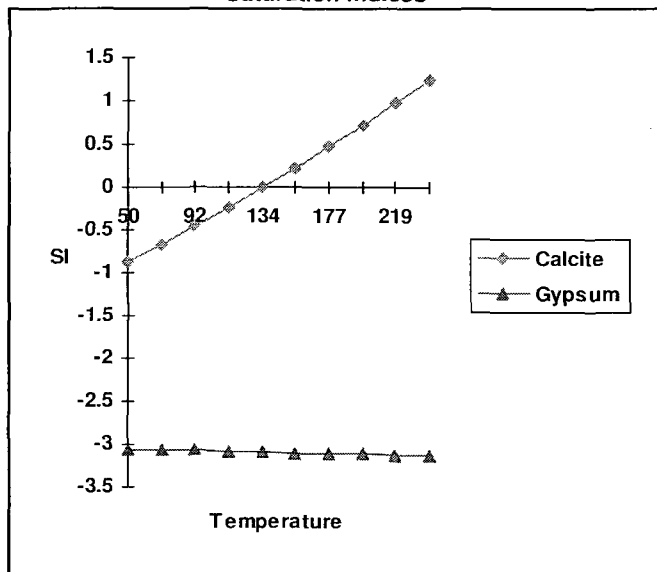
Calculation Method	Value
CO2 in Brine(mg/L)	20

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.48	
Gypsum (Calcium Sulfate)	-3.07	
Hemihydrate (Calcium Sulfate)	-2.84	
Anhydrite (Calcium Sulfate)	-3.32	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.88	-0.67	-0.46	-0.24	-0.01	0.22	0.47	0.72	0.98	1.24
Gypsum	-3.07	-3.07	-3.07	-3.08	-3.09	-3.10	-3.10	-3.11	-3.12	-3.13

Lab Tech.: *[Signature]*



Water Analysis Report

10/20/2009

Address:

Customer: Conoco Phillips

Attention: Kenny Kidd

Lease: EVGSAU

Formation:

Salesman: Mike Baker

CC: M. Baker, Corey Hodnett

Target Name: EVGSAU 2060-S01

Sample Point: EVGSAU 2060-S01

Sample Date: 10/09/2009

Test Date: 10/20/2009

Water Analysis(mg/L)

Calcium	64
Magnesium	29
Barium	
Strontium	
Sodium(calc.)	78
Bicarbonate Alkalinity	220
Sulfate	62
Chloride	145
Resistivity	10.7023

Appended Data(mg/L)

CO2	10
H2S	0
Iron	0
Oxygen	

Physical Properties

Ionic Strength(calc.)	0.01
pH(calc.)	7.44
Temperature(°F)	90
Pressure(psia)	50
Density	8.33

Additional Data

Specific Gravity	1.00
Total Dissolved Solids(Mg/L)	598
Total Hardness(CaCO3 Eq Mg/	279

Dew Point	
Lead	
Zinc	

Calcite Calculation Information

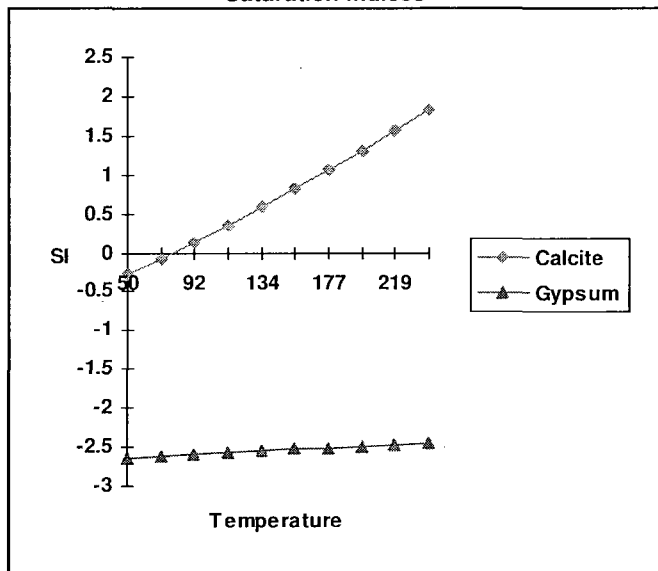
Calculation Method	Value
CO2 in Brine(mg/L)	10

Remarks:

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	0.11	7.00
Gypsum (Calcium Sulfate)	-2.59	
Hemihydrate (Calcium Sulfate)	-2.32	
Anhydrite (Calcium Sulfate)	-2.84	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

Saturation Indices



Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.28	-0.08	0.13	0.35	0.58	0.82	1.06	1.31	1.57	1.84
Gypsum	-2.63	-2.61	-2.59	-2.57	-2.55	-2.53	-2.51	-2.49	-2.47	-2.46

Lab Tech.: *[Signature]*

Affidavit of Publication

State of New Mexico,
County of Lea.

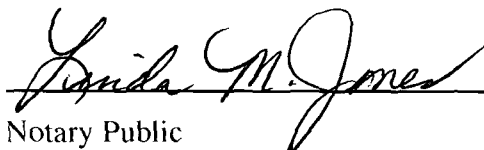
I, KENNETH NORRIS
GENERAL MANAGER
of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).

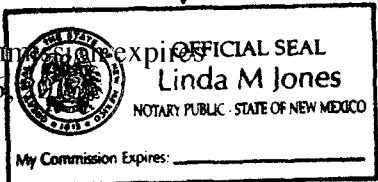
Beginning with the issue dated
October 28, 2009
and ending with the issue dated
October 28, 2009


GENERAL MANAGER

Sworn and subscribed to before me
this 2nd day of
November, 2009


Notary Public

My commission expires
June 16, 2011
(Seal)


OFFICIAL SEAL
Linda M Jones
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
OCTOBER 28, 2009

ConocoPhillips Company, P.O. Box 51810, Midland, TX 79710-1810, Contact: Jalyn N. Fiske (432) 688-6813, is seeking administrative approval from the New Mexico Oil Conservation Division to inject produced water into three wells in the Vacuum Abo Unit, in the Vacuum Abo Pool. The wells are all located in Lea County, NM: VAU-8-9, Sec 34, T17S, R35E, 2316' FNL & 1980' FWL, injection interval 8408-8788'; VAU 13-13, Sec 5, T18S, R35E, 2310' FSL & 660' FEL, injection interval 8274'-8952'; VAU 14-1, Sec 5, T18S, R35E, 1980' FSL & 1980' FWL, injection interval 8250'-8840'. The maximum injection rate will be 3000 barrels of water per day and the maximum injection pressure will be 1350 psi for the above mentioned wells. Interested parties must file objections or request for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, NM 87504 within 15 days of this notice.

#25334

49101647

00041218

JALYN FISKE
CONOCOPHILLIPS COMPANY (MIDLAND)
3300 NORTH A STREET
BLDG. 6
MIDLAND, TX 79705

Exhibit # 1

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILIPS COMPANYWELL NAME & NUMBER: VACUUM ABO UNIT # 90-9WELL LOCATION: 1980' FWL # 2316' FWLF

FOOTAGE LOCATION

UNIT LETTER

34

SECTION

T17S

TOWNSHIP

R35E

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface Casing30-025-03024Hole Size: _____ Casing Size: 10 3/4Cemented with: 550 sx. or _____ ft³Top of Cement: SURFACE Method Determined: _____Intermediate CasingHole Size: _____ Casing Size: 7 5/8Cemented with: 1000 sx. or _____ ft³Top of Cement: SURFACE Method Determined: _____Production Casing
LINERHole Size: _____ Casing Size: 5 1/2Cemented with: 1050 sx. or _____ ft³Top of Cement: 3416' Method Determined: _____Total Depth: 9100'Injection Interval8408' feet to 8788'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" 6.5# Lining Material: IPC TK-99

Type of Packer: HAULBURTON G-6 NICKEL-PLATED W/ XL OFF

Packer Setting Depth: 100' OF TOP PERFORATION

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

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

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

2. Name of the Injection Formation: VACUUM, ABO REEF

3. Name of Field or Pool (if applicable): VACUUM, ABO REEF

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. N/A

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

INJECTION WELL DATA SHEET

OPERATOR: CONOCO PHILLIPS COMPANY

WELL NAME & NUMBER: VACUUM A130 UNIT # 13-78

WELL LOCATION: 2210' FSL $\frac{1}{4}$ 660' FEL

I

SECTION 5 T18S R35E

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface Casing

Hole Size: _____ Casing Size: 13 3/8

Cemented with: 275 sx. or _____ ft³

Top of Cement: SURFACE Method Determined: _____

Intermediate Casing
±

Hole Size: _____ Casing Size: 8 5/8

Cemented with: 1200 sx. or _____ ft³

Top of Cement: SURFACE (160') Method Determined: _____

Production Casing
LINER

Hole Size: _____ Casing Size: 5 1/2

Cemented with: 679 sx. or _____ ft³

Top of Cement: 3200' Method Determined: _____

Total Depth: 9100'

Injection Interval

8274' feet to 8452'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8", 6.5# Lining Material: IPC TK-99

Type of Packer: HALIBURTON G-6 NICKEL-PLATED W/ XL OBT

Packer Setting Depth: 100' OF TOP PERFORATION

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

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

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

2. Name of the Injection Formation: VACUUM, ABO REEF

3. Name of Field or Pool (if applicable): VACUUM, ABO REEF

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. N/A

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

INJECTION WELL DATA SHEET

OPERATOR: CONOCOPHILLIPS COMPANYWELL NAME & NUMBER: VACUUM ABO UNIT #14-1ZWELL LOCATION: 1980' FSL & 1980' FSL

K

FOOTAGE LOCATION

UNIT LETTER

5

SECTION

T19S

TOWNSHIP

R35E

RANGE

WELLBORE SCHEMATIC

30-025-030 63

WELL CONSTRUCTION DATA
Surface CasingHole Size: _____ Casing Size: 13 3/8Cemented with: 390 sx. or _____ ft³Top of Cement: SURFACE Method Determined: _____Intermediate CasingHole Size: _____ Casing Size: 8 5/8Cemented with: 200 sx. or _____ ft³Top of Cement: 2000' Method Determined: _____Production CasingHole Size: _____ Casing Size: 4 1/2Cemented with: 690 sx. or _____ ft³Top of Cement: 2500' Method Determined: _____Total Depth: 9006'Injection Interval8250' feet to 8840'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8", 6.5# Lining Material: IPC TK-99

Type of Packer: HALIBURTON G-6 NICKEL-PLATED W/ XL OBT

Packer Setting Depth: 100' OF TOP PERFORATION

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

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

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

2. Name of the Injection Formation: VACUUM; ABC REEF

3. Name of Field or Pool (if applicable): VACUUM; ABC REEF

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. N/A

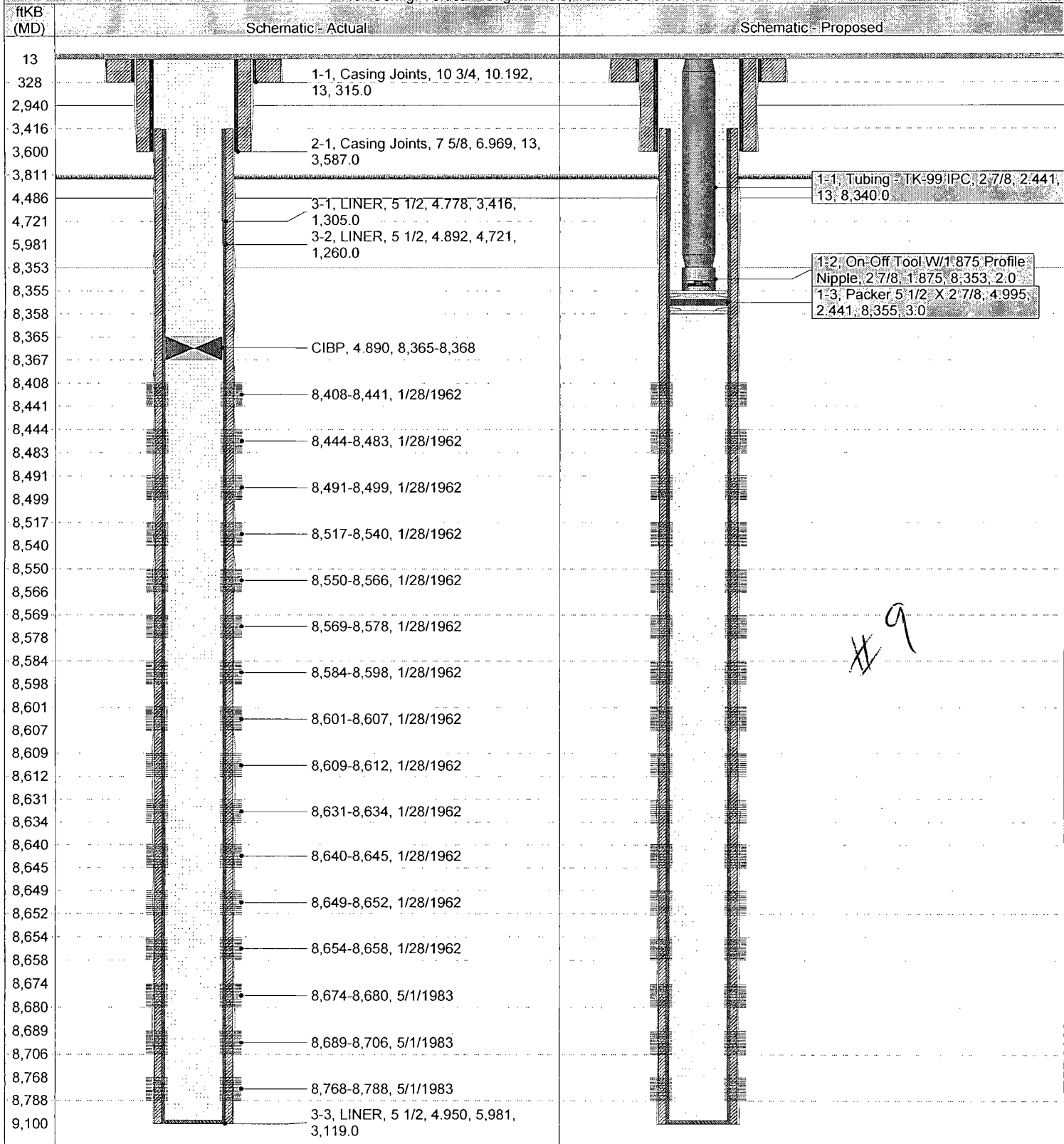
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Actual Wellbore Diagrams
(AND PROPOSED)

API ()

ConocoPhillips		Schematic - Current			
VACUUM ABO UNIT 008-009					
District PERMIAN	Field Name VACUUM	API / UWI 300250302400 ✓	County LEA	State/Province NEW MEXICO	
Original Spud Date 12/14/1961 ✓	Surface Legal Location SEC. 34, T17S, R35E, UL F	East/West Distance (ft) 1,980.00	East/West Reference FWL	North/South Distance (ft) 2,316.00	North/South Reference FNL

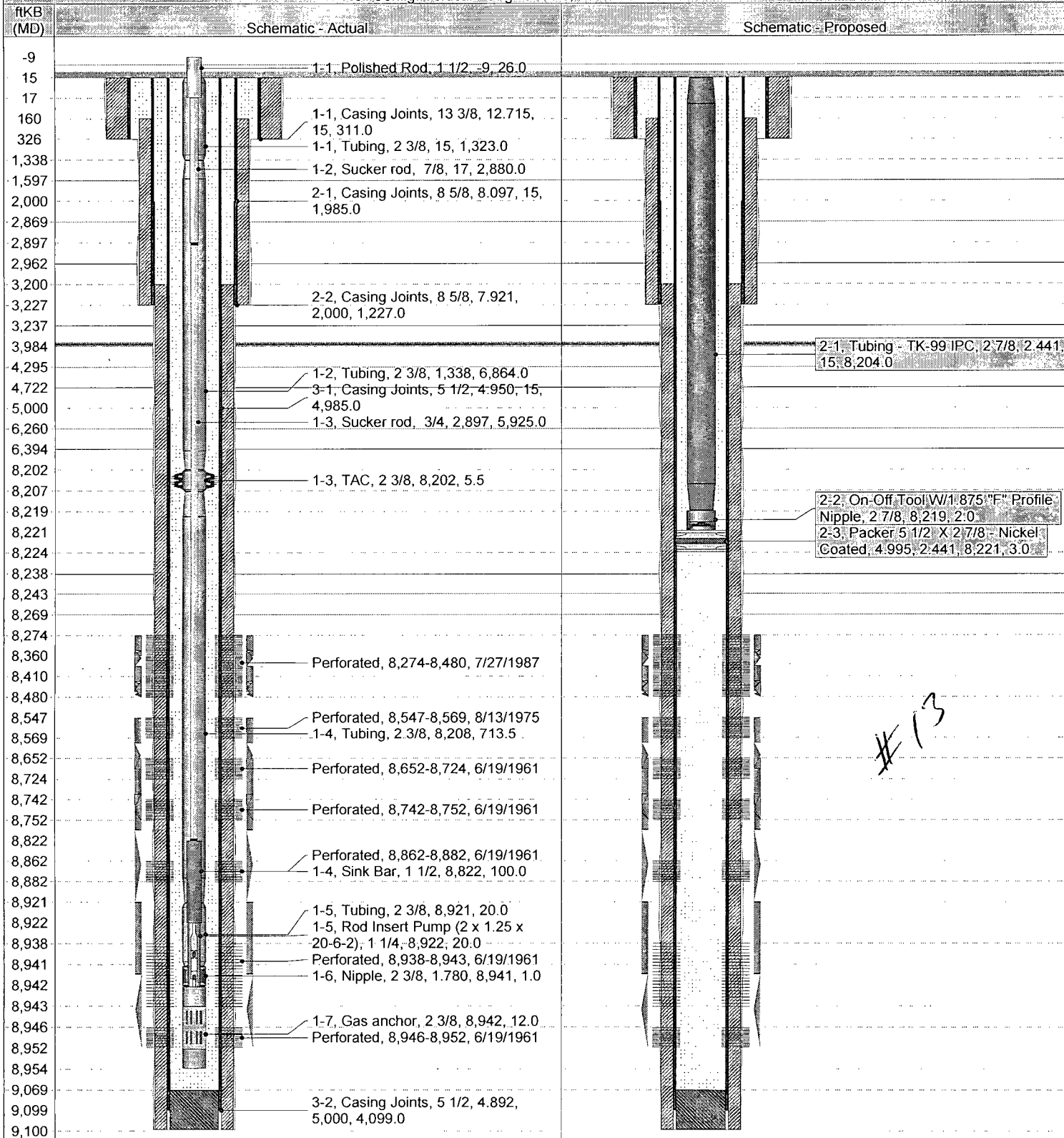
Well Config: Vertical - Original Hole, 10/7/2009 10:09:10 AM



#9

District PERMIAN	Field Name VACUUM	API / UWI 300250307100	County LEA	State/Province NEW MEXICO
Original Spud Date 5/21/1961	Surface Legal Location Sec. 5, T18S, R35E	East/West Distance (ft) 660.00	East/West Reference FEL	North/South Distance (ft) 2,310.00
				North/South Reference FSL

Well Config: Vertical - Original Hole: 10/13/2009 9:36:44 AM



#13

Schematic - Current
VACUUM ABO UNIT 014-001

District PERMIAN	Field Name VACUUM	API / UWI 300250306300	County LEA	State/Province NEW MEXICO
Original Spud Date 6/18/1961	Surface Legal Location SEC. 5, T18S, R35E, UL K	East/West Distance (ft) 1,980.00	East/West Reference FWL	North/South Distance (ft) 1,980.00
				North/South Reference FSL

Well Config: Vertical - Original Hole: 10/13/2009 10:20:05 AM

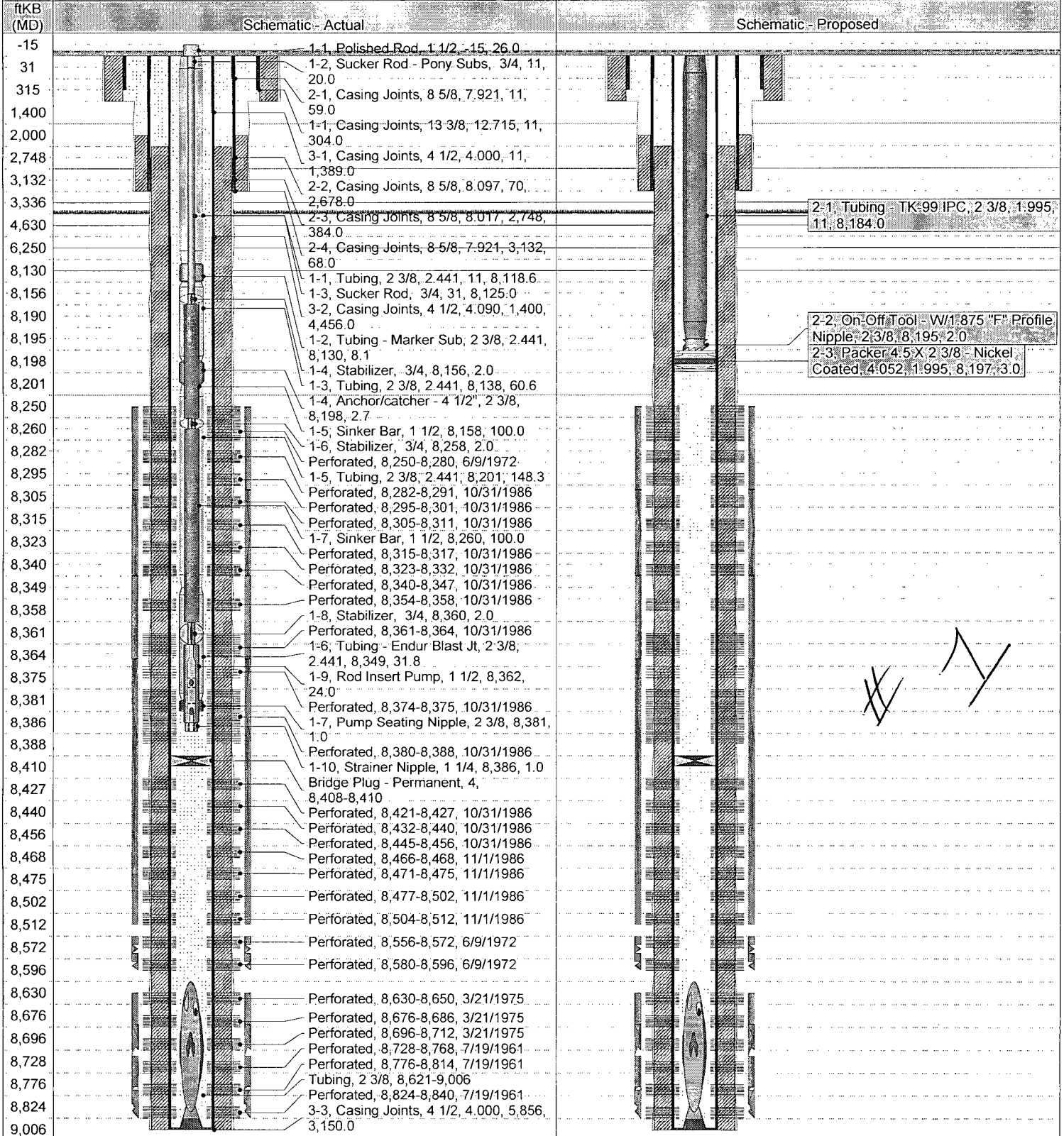
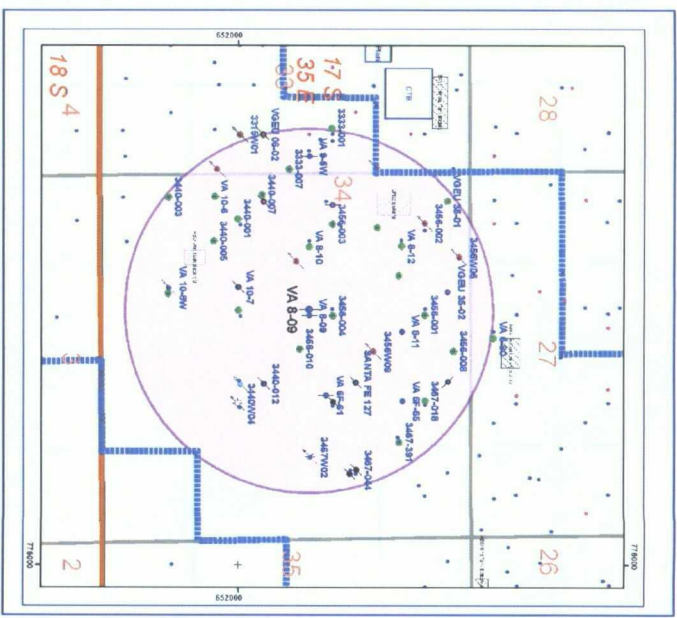
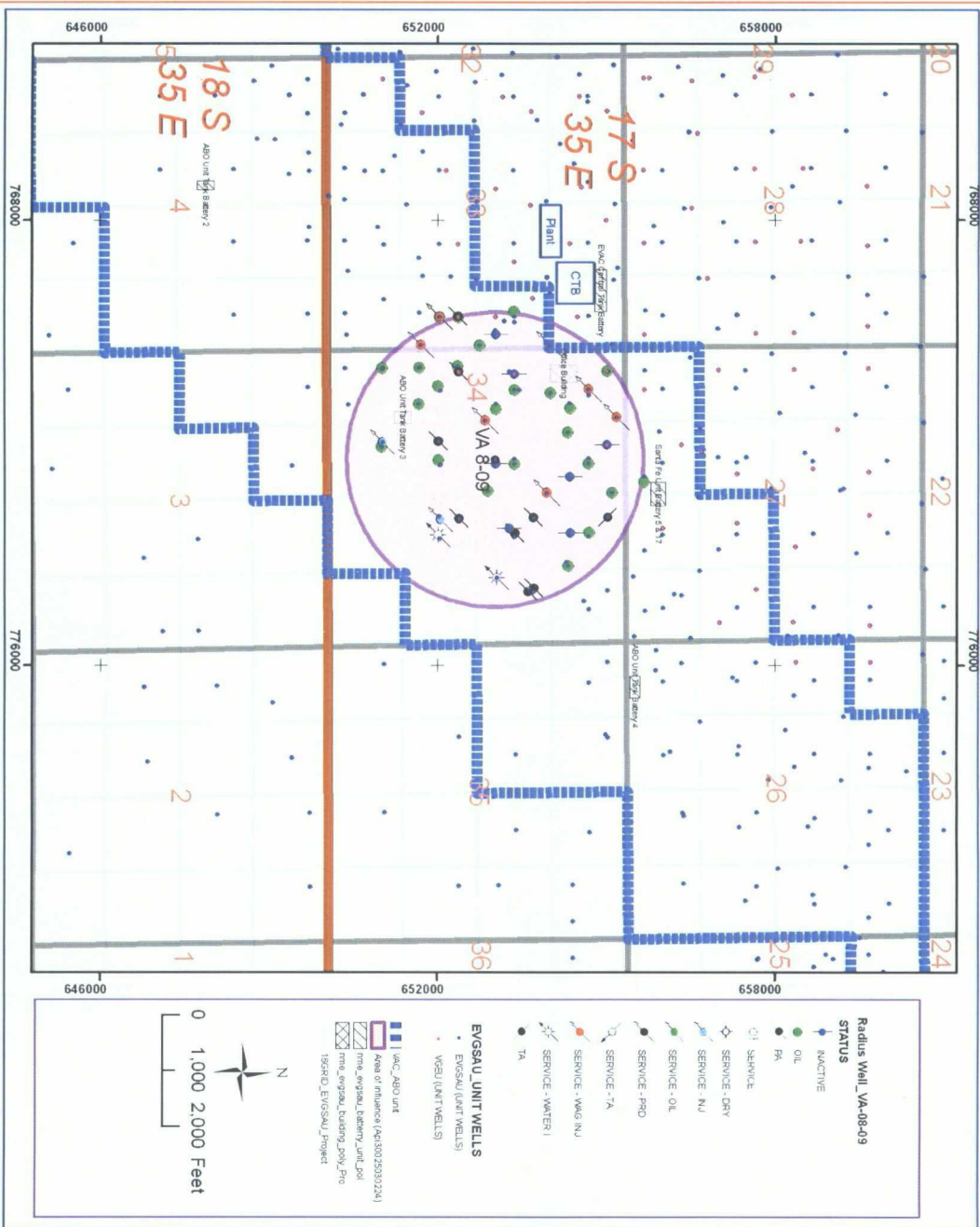


Exhibit # 2



ConocoPhillips

Mid America Business Unit

Lea County, New Mexico

VACUUM ABO UNIT

CONVERSION TO INJECTION:

VACABO 8-09

API# 30025030224

Author: Dave Orchard

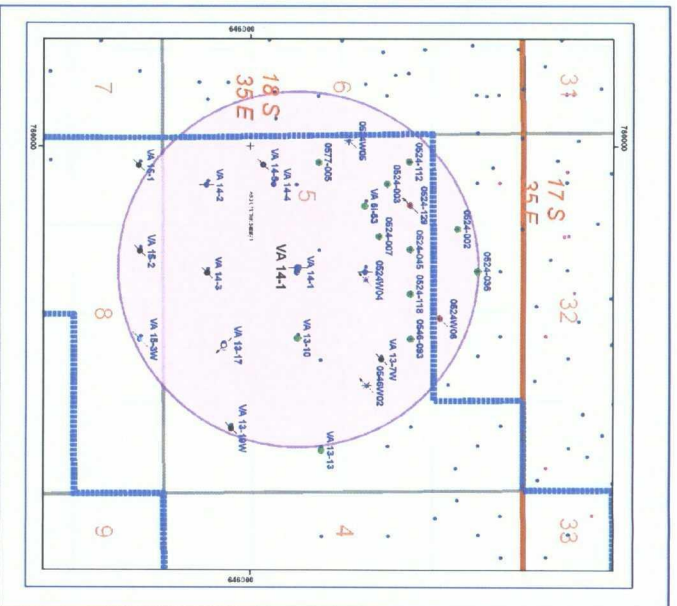
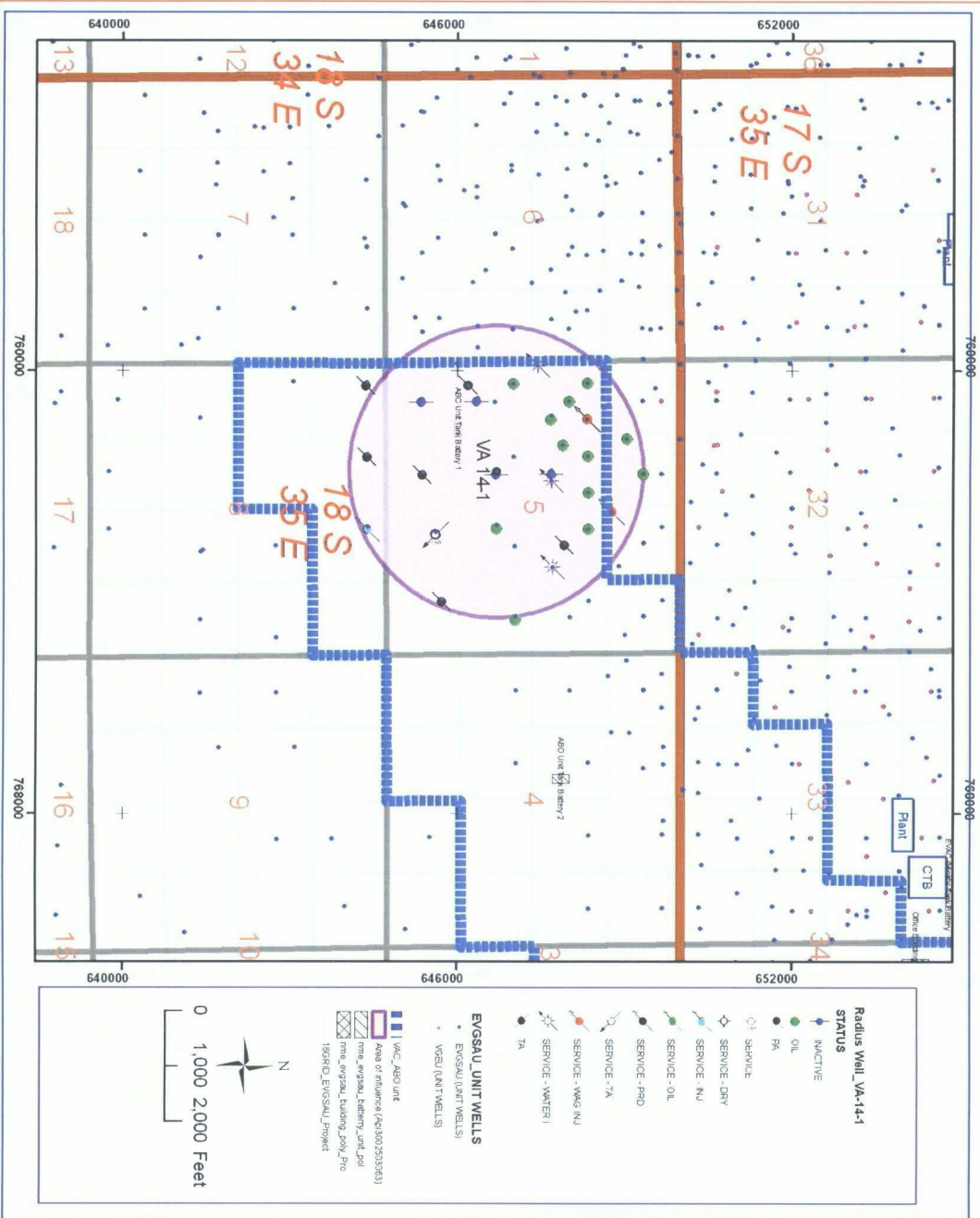
Compiled by: Dave N. Pham

Date: AUG-19-2009

Scale: inch = 2000 Feet

Project File: EVGSAU30025030224_Apr2009_1000000.mxd

Projection: NAD 83, UTM Zone 17N



ConocoPhillips Mid America Business Unit	
Lea County, New Mexico VACUUM ABO UNIT CONVERSION TO INJECTION: VACABO 14-1 AP# 30025030630000	
Author: Dave Orchard Compiled by: Darc N. Pihain Project File: VAC1_Section1_insets_Aug2008_1.mxd Scale: 1 inch = 2000 Feet Date: AUG-18-2008 Scale: 1 inch = 2000 Feet Date: AUG-18-2008	Date: AUG-18-2008 Scale: 1 inch = 2000 Feet Date: AUG-18-2008

Exhibit # 3

WAB-9

API	API / UWI	Legal WellName	Lease	Orig Spud Date	Measured Dep Well Status	Surf Loc	N/S Dist (ft)	N/S REW Dist (ft)	EW	Casing Descrip	Set Depth (ft)	String OD	Operator	Prod/Inj Type	KS CEMENT-EMENT TOI	METHOD
30025053700	3002505853700	EAST VACUUM GB-SA UNIT	EVGSAU	4/14/1939 0:00	4:640.00 Active	Sec. 33, T-17S, R-35E	1,980.00 S	660.00	E	Surface	1,591.00	8 5/8 COPC	OIL		650 Surface	Circulated
	30025058537.00	EAST VACUUM GB-SA UNIT	EVGSAU	4/14/1939 0:00	4:640.00 Active	Sec. 33, T-17S, R-35E	1,980.00 S	660.00	E	Production	4,210.00	5 1/2 COPC	OIL		275 Unknown	Unknown
300252665600	300252665600	EAST VACUUM GB-SA UNIT	EVGSAU	3/14/1980 0:00	4,800.00 Active	Sec 33, T-17-S, R-35-E	1,650.00 S	150.00	E	Surface	355	8 5/8 COPC	INJECTION		400 Surface	Circulated
	300252665600	EAST VACUUM GB-SA UNIT	EVGSAU	3/14/1980 0:00	4,800.00 Active	Sec 33, T-17-S, R-35-E	1,650.00 S	150.00	E	Liner	4,428.00	4 1/2 COPC	INJECTION		110 Surface	Circulated
300252665600	300252665600	EAST VACUUM GB-SA UNIT	EVGSAU	3/14/1980 0:00	4,800.00 Active	Sec 33, T-17-S, R-35-E	1,650.00 S	150.00	E	Production	4,795.00	5 1/2 COPC	INJECTION		1150 Surface	Circulated
300250299100	300250299100	EAST VACUUM GB-SA UNIT	EVGSAU	3/1/1/1939 0:00	4,710.00 Active	Sec. 33, T-17S, R-35E	1,980.00 N	660.00	E	Surface	498	9 5/8 COPC	OIL		200 Unknown	Unknown
	300250299100	EAST VACUUM GB-SA UNIT	EVGSAU	3/1/1/1939 0:00	4,710.00 Active	Sec. 33, T-17S, R-35E	1,980.00 N	660.00	E	Production	4,096.00	7 COPC	OIL		800 Unknown	Unknown
	300250298100	EAST VACUUM GB-SA UNIT	EVGSAU	3/1/1/1939 0:00	4,710.00 Active	Sec. 33, T-17S, R-35E	1,980.00 N	660.00	E	Liner	4,709.00	4 1/2 COPC	OIL		85 Unknown	Unknown
300252668200	300252668200	EAST VACUUM GB-SA UNIT	EVGSAU	4/19/1980 0:00	4,800.00 Active	Sec. 33, T-17S, R-35E	2,600.00 N	150.00	E	Surface	345	9 5/8 COPC	OIL		400 Surface	Circulated
	300252668200	EAST VACUUM GB-SA UNIT	EVGSAU	4/19/1980 0:00	4,800.00 Active	Sec. 33, T-17S, R-35E	2,600.00 N	150.00	E	Production	4,796.00	7 COPC	OIL		1300 Surface	Circulated
300252668100	300252668100	EAST VACUUM GB-SA UNIT	EVGSAU	4/4/1980 0:00	4,800.00 Active	Sec. 33, T-17S, R-35E	1,350.00 N	150.00	E	Surface	363	8 5/8 COPC	INJECTION		300 Surface	Circulated
	300252668100	EAST VACUUM GB-SA UNIT	EVGSAU	4/4/1980 0:00	4,800.00 Active	Sec. 33, T-17S, R-35E	1,350.00 N	150.00	E	Production	4,800.00	5 1/2 COPC	INJECTION		2385 Surface	Circulated
300250300700	300250300700	EAST VACUUM GB-SA UNIT	EVGSAU	12/9/1938 0:00	4,633.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	660.00	W	Surface	298	13 3/8 COPC	OIL		250 Surface	Circulated
	300250300700	EAST VACUUM GB-SA UNIT	EVGSAU	12/9/1938 0:00	4,633.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	660.00	W	Intermediate	1,637.00	9 5/8 COPC	OIL		615	132 Estimated
	300250300700	EAST VACUUM GB-SA UNIT	EVGSAU	12/9/1938 0:00	4,633.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	660.00	W	Production	4,196.00	5 COPC	OIL		350 Surface	Circulated
	300250300700	EAST VACUUM GB-SA UNIT	EVGSAU	12/9/1938 0:00	4,633.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	660.00	W	Production	4,216.00	7 COPC	OIL		330	2500 Estimated
300250300800	300250300800	EAST VACUUM GB-SA UNIT	EVGSAU	2/22/1939 0:00	4,649.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	1,980.00	W	Surface	278	13 3/8 COPC	OIL		250 Unknown	Unknown
	300250300800	EAST VACUUM GB-SA UNIT	EVGSAU	2/22/1939 0:00	4,649.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	1,980.00	W	Intermediate	1,648.00	9 5/8 COPC	OIL		615 Unknown	Unknown
	300250300800	EAST VACUUM GB-SA UNIT	EVGSAU	2/22/1939 0:00	4,649.00 Active	Sec. 34, T-17S, R-35E	1,980.00 S	1,980.00	W	Production	4,201.00	7 COPC	OIL		330 Unknown	Unknown
300250300900	300250300900	EAST VACUUM GB-SA UNIT	EVGSAU	9/21/1949 0:00	4,586.00 Active	Sec 34, T-17-S, R-35-E	990.00 S	330.00	W	Surface	1,730.00	9 5/8 COPC	OIL		750 Surface	Unknown
	300250300900	EAST VACUUM GB-SA UNIT	EVGSAU	9/21/1949 0:00	4,586.00 Active	Sec 34, T-17-S, R-35-E	990.00 S	330.00	W	Production	4,361.00	7 COPC	OIL		500	1803 Estimated
300252652100	300252652100	EAST VACUUM GB-SA UNIT	EVGSAU	11/11/1979 0:00	4,907.00 Active	Sec 34, T-17-S, R-35-E	1,600.00 S	900.00	W	Surface	370	8 5/8 COPC	OIL		300 Surface	Circulated
	300252652100	EAST VACUUM GB-SA UNIT	EVGSAU	11/11/1979 0:00	4,906.00 Active	Sec 34, T-17-S, R-35-E	1,600.00 S	900.00	W	Production	4,906.00	5 1/2 COPC	OIL		1450 Surface	Circulated
300253205700	300253205700	EAST VACUUM GB-SA UNIT	EVGSAU	10/19/1993 17:00	4,800.00 Active	Sec 34, T-17-S, R-35-E	2,295.00 S	222.00	W	Surface	1,620.00	8 5/8 COPC	OIL		800 Surface	Circulated
	300253205700	EAST VACUUM GB-SA UNIT	EVGSAU	10/19/1993 17:00	4,800.00 Active	Sec 34, T-17-S, R-35-E	2,295.00 S	222.00	W	Production	4,800.00	5 1/2 COPC	OIL		1100 Surface	Circulated
300252138200	300252138200	EAST VACUUM GB-SA UNIT	EVGSAU	5/22/1965 0:00	4,650.00 Plugged	Sec 34, T-17-S, R-35-E	2,310.00 S	940.00	S	Surface	1,636.00	8 5/8 COPC	OIL		800 Surface	Circulated
	300252138200	EAST VACUUM GB-SA UNIT	EVGSAU	5/22/1965 0:00	4,650.00 Plugged	Sec 34, T-17-S, R-35-E	2,310.00 S	940.00	S	Production	4,650.00	4 1/2 COPC	OIL		800	1020 Casing Bond Log
300252138400	300252138400	EAST VACUUM GB-SA UNIT	EVGSAU	3/10/1965 0:00	4,650.00 Active	Sec 34, T-17-S, R-35-E	2,310.00 S	1,650.00	W	Surface	1,651.00	8 5/8 COPC	OIL		900 Surface	Circulated
	300252138400	EAST VACUUM GB-SA UNIT	EVGSAU	3/10/1965 0:00	4,650.00 Active	Sec 34, T-17-S, R-35-E	2,310.00 S	1,650.00	W	Production	4,650.00	4 1/2 COPC	OIL		650	2354 Casing Bond Log
300250301000	300250301000	EAST VACUUM GB-SA UNIT	EVGSAU	11/24/1949 0:00	4,900.00 Active	Sec 34, T-17-S, R-35-E	1,962.00 S	1,976.00	E	Surface	1,671.00	9 5/8 COPC	INJECTION		750 Surface	Circulated
	300250301000	EAST VACUUM GB-SA UNIT	EVGSAU	11/24/1949 0:00	4,900.00 Active	Sec 34, T-17-S, R-35-E	1,962.00 S	1,976.00	E	Production	4,896.00	5 1/2 COPC	INJECTION		2270 Surface	Circulated
300250301600	300250301600	EAST VACUUM GB-SA UNIT	EVGSAU	9/15/1938 0:00	4,620.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	1,980.00	W	Surface	819	13 3/8 COPC	OIL		250 Unknown	Unknown
	300250301600	EAST VACUUM GB-SA UNIT	EVGSAU	9/15/1938 0:00	4,620.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	1,980.00	W	Intermediate	3,048.00	9 5/8 COPC	OIL		325 Unknown	Unknown
	300250301600	EAST VACUUM GB-SA UNIT	EVGSAU	9/15/1938 0:00	4,620.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	1,980.00	W	Production	4,191.00	7 5/8 COPC	OIL		175 Unknown	Unknown
	300250301600	EAST VACUUM GB-SA UNIT	EVGSAU	9/15/1938 0:00	4,620.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	1,980.00	W	Liner	4,601.00	5 COPC	OIL		100 Unknown	Unknown
300250301700	300250301700	EAST VACUUM GB-SA UNIT	EVGSAU	1/14/1938 0:00	4,610.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	660.00	W	Surface	1,622.00	9 5/8 COPC	INJECTION		325 Unknown	Unknown
	300250301700	EAST VACUUM GB-SA UNIT	EVGSAU	1/14/1938 0:00	4,610.00 Active	Sec 34, T-17-S, R-35-E	660.00 N	660.00	W	Production	4,185.00	7 COPC	INJECTION		220 Unknown	Unknown
300250301800	300250301800	EAST VACUUM GB-SA UNIT	EVGSAU	12/10/1938 0:00	4,680.00 Active	Sec 34, T-17-S, R-35-E	1,980.00 N	660.00	W	Surface	1,600.00	9 5/8 COPC	OIL		325 Surface	Circulated
	300250301800	EAST VACUUM GB-SA UNIT	EVGSAU	12/10/1938 0:00	4,680.00 Active	Sec 34, T-17-S, R-35-E	1,980.00 N	660.00	W	Production	4,210.00	7 COPC	OIL		220 Unknown	Unknown
300250301900	300250301900	EAST VACUUM GB-SA UNIT	EVGSAU	12/8/1938 0:00	4,650.00 Active	Sec 34, T-17-S, R-35-E	1,980.00 N	1,980.00	W	Surface	1,620.00	9 5/8 COPC	OIL		325 Unknown	Unknown
	300250301900	EAST VACUUM GB-SA UNIT	EVGSAU	12/8/1938 0:00	4,650.00 Active	Sec 34, T-17-S, R-35-E	1,980.00 N	1,980.00	W	Production	4,242.00	7 5/8 COPC	OIL		220 Unknown	Unknown
	300250301900	EAST VACUUM GB-SA UNIT	EVGSAU	12/8/1938 0:00	4,650.00 Active	Sec 34, T-17-S, R-35-E	1,980.00 N	1,980.00	W	Liner	4,649.00	5 COPC	OIL		100 Unknown	Unknown
300252623300	300252623300	EAST VACUUM GB-SA UNIT	EVGSAU	6/13/1979 0:00	4,902.00 Active	Sec 34, T-17-S, R-35-E	1,030.00 N	1,410.00	W	Surface	365	13 3/8 COPC	OIL		675 Surface	Circulated
	300252623300	EAST VACUUM GB-SA UNIT	EVGSAU	6/13/1979 0:00	4,902.00 Active	Sec 34, T-17-S, R-35-E	1,030.00 N	1,410.00	W	Production	4,902.00	7 COPC	OIL		1170 Surface	Circulated
300252623300	300252623300	EAST VACUUM GB-SA UNIT	EVGSAU	5/7/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	250.00 N	2,500.00	W	Surface	354	9 5/8 COPC	OIL		400 Surface	Circulated
	300252668400	EAST VACUUM GB-SA UNIT	EVGSAU	5/7/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	250.00 N	2,500.00	W	Production	4,789.00	7 COPC	OIL		1200 Surface	Circulated
300252668600	300252668600	EAST VACUUM GB-SA UNIT	EVGSAU	4/23/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	2,450.00 N	2,450.00	W	Surface	363	9 5/8 COPC	OIL		400 Surface	Circulated
	300252668600	EAST VACUUM GB-SA UNIT	EVGSAU	4/23/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	2,450.00 N	2,450.00	W	Production	4,800.00	7 COPC	OIL		1350 Surface	Circulated
300252668600	300252668600	EAST VACUUM GB-SA UNIT	EVGSAU	9/8/1993 16:45	4,800.00 Active	Sec 34, T-17S, R-35E	1,340.00 N	712.00	W	Surface	1,612.00	8 5/8 COPC	OIL		1000 Surface	Circulated
	300252668600	EAST VACUUM GB-SA UNIT	EVGSAU	9/8/1993 16:45	4,800.00 Active	Sec 34, T-17S, R-35E	1,340.00 N	712.00	W	Production	4,800.00	5 1/2 COPC	OIL		1100 Unknown	Unknown
300252639000	300252639000	EAST VACUUM GB-SA UNIT	EVGSAU	8/5/1979 0:00	4,803.00 Active	Sec. 34, T-17S, R-35E	166.00 N	1,155.00	W	Surface	354	13 3/8 COPC	INJECTION		675 Surface	Circulated
	300252639000	EAST VACUUM GB-SA UNIT	EVGSAU	8/5/1979 0:00	4,803.00 Active	Sec. 34, T-17S, R-35E	166.00 N	1,155.00	W	Production	4,803.00	5 1/2 COPC	INJECTION		1460 Surface	Circulated
300252652500	300252652500	EAST VACUUM GB-SA UNIT	EVGSAU	10/28/1979 0:00	4,800.00 Active	Sec 34, T-17S, R-35E	2,500.00 N	1,200.00	W	Surface	350	8 5/8 COPC	INJECTION		300 Surface	Circulated
	300252652500	EAST VACUUM GB-SA UNIT	EVGSAU	10/28/1979 0:00	4,800.00 Active	Sec 34, T-17S, R-35E	2,500.00 N	1,200.00	W	Production	4,787.00	5 1/2 COPC	INJECTION		1450 Surface	Circulated
300252668500	300252668500	EAST VACUUM GB-SA UNIT	EVGSAU	4/22/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	1,400.00 N	2,500.00	W	Surface	354	8.63 COPC	INJECTION		400 Surface	Circulated
	300252668500	EAST VACUUM GB-SA UNIT	EVGSAU	4/22/1980 0:00	4,800.00 Active	Sec. 34, T-17S, R-35E	1,400.00 N	2,500.00	W	Production	4,791.00	5 1/2 COPC	INJECTION		1340 Surface	Circulated
300250299900	300250299900	EAST VACUUM GB-SA UNIT	EVGSAU	12/26/1938 0:00	4,592.00 Active	Sec 34, T-17S, R-35E	660.00 N	1,980.00	E	Surface	1,634.00	9 5/8 COPC	OIL		865 Surface	Circulated
	300250299900	EAST VACUUM GB-SA UNIT	EVGSAU	12/26/1938 0:00	4,592.00 Active	Sec 34, T-17S, R-35E	660.00 N	1,980.00	E	Production	4,185.00	7 5/8 COPC	OIL		400 Unknown	Unknown
300250300100	300250300100	EAST VACUUM GB-SA UNIT	EVGSAU	3/24/1939	4,607.00 Plugged	Sec 34, T-17S, R-35E	1,980.00 N	1,980.00	E	Surface	1,650.00	9 5/8 COPC	OIL		900 Unknown	Unknown
	300250300100	EAST VACUUM GB-SA UNIT	EVGSAU	3/24/1939	4,607.00 Plugged	Sec 34, T-17S, R-35E	1,980.00 N	1,980.00	E	Production	4,226.00	7 COPC	OIL		400 Unknown	Unknown
300250300200	300250300200	EAST VACUUM GB-SA UNIT	EVGSAU	6/23/1941	4,578.00 Plugged	Sec 34, T-17S, R-35E	1,650.00 N	990.00	E	Surface	1,653.00	4 1/2 COPC	OIL		185	4007 Circulated
	300250300200	EAST VACUUM GB-SA UNIT	EVGSAU	6/23/1941	4,578.00 Plugged	Sec. 34, T-17S, R-35E	1,650.00 N	990.00	E	Production	4,215.00	5 1/2 COPC	OIL		650 Surface	Circulated
	300250300200	EAST VACUUM GB-SA UNIT	EVGSAU	6/23/1941	4,578.00 Plugged	Sec. 34, T-17S, R-35E	1,650.00 N	990.00	E	Production	4,215.00	5 1/2 COPC	OIL			

	300253332600	300253332600	EAST VACUUM GB-SA UNIT	3467-391	EVGSAU	5/14/1996 21:00	4,900.00	Active	Sec. 34, T-17S, R-35E	1,155.00	N	1,523.00	E	Surface	1,620.00	8 5/8 COPC	OIL	850	Surface	Circulated
		300253332600	EAST VACUUM GB-SA UNIT	3467-391	EVGSAU	5/14/1996 21:00	4,900.00	Active	Sec. 34, T-17S, R-35E	1,155.00	N	1,523.00	E	Production	4,899.00	5 1/2 COPC	OIL	925	Surface	Circulated
	300252699800	300252699800	EAST VACUUM GB-SA UNIT	3467-002W	EVGSAU	11/8/1980 0:00	4,800.00	Active	Sec. 34, T-17S, R-35E	2,300.00	N	1,250.00	E	Surface	358	8 5/8 COPC	INJECTION	400	Surface	Circulated
		300252699800	EAST VACUUM GB-SA UNIT	3467-002W	EVGSAU	11/8/1980 0:00	4,800.00	Active	Sec. 34, T-17S, R-35E	2,300.00	N	1,250.00	E	Production	4,791.00	5 1/2 COPC	INJECTION	1500	Surface	Circulated
2	300252171300	300252171300	SANTA FE 113		SANTA FE	9/16/1965	6,250.00	TAD	Sec. 34, T-17S, R-35E	330.00	N	2,310.00	E	Surface	1,636.00	8 5/8 COPC	OIL	650	Surface	Circulated
		300252171300	SANTA FE 113		SANTA FE	9/16/1965	6,250.00	TAD	Sec. 34, T-17S, R-35E	330.00	N	2,310.00	E	Production	6,250.00	4 1/4 COPC	OIL	900	2800	Temp Survey
✓	300252464300	300252464300	SANTA FE 127		SANTA FE	1/20/1974	4,703.00	Plugged	Sec. 34, T-17S, R-35E	1,650.00	N	2,310.00	E	Surface	410.00	8 5/8 COPC	OIL	200	Surface	Circulated
		300252464300	SANTA FE 127		SANTA FE	1/20/1974	4,703.00	Plugged	Sec. 34, T-17S, R-35E	1,650.00	N	2,310.00	E	Production	4,703.00	5 1/5 COPC	OIL	200	2950	Temp Survey
	300250301200	300250301200	VACUUM ABO UNIT 010-006		VAC ABO	7/11/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,650.00	S	330 W	Surface	309	13 3/8 COPC	OIL	375	Surface	Circulated	
		300250301200	VACUUM ABO UNIT 010-006		VAC ABO	7/11/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,650.00	S	330 W	Intermediate	3,135.00	8 5/8 COPC	OIL	1225	Surface	Circulated	
		300250301200	VACUUM ABO UNIT 010-006		VAC ABO	7/11/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,650.00	S	330 W	Production	9,100.00	5 1/2 COPC	OIL	679	3280	Temp Survey	
✓	300250301300	300250301300	VACUUM ABO UNIT 010-007		VAC ABO	8/11/1961 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	1,980.00	S	1,650.00	W	Surface	305	13 3/8 COPC	OIL	375	Surface	Circulated
		300250301300	VACUUM ABO UNIT 010-007		VAC ABO	8/11/1961 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	1,980.00	S	1,650.00	W	Intermediate	3,140.00	8 5/8 COPC	OIL	1250	970	Temp Survey
		300250301300	VACUUM ABO UNIT 010-007		VAC ABO	8/11/1961 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	1,980.00	S	1,650.00	W	Production	9,100.00	5 1/2 COPC	OIL	679	2960	Temp Survey
	300250301400	300250301400	VACUUM ABO UNIT 010-008W		VAC ABO	8/31/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 S	S	1,650.00	W	Surface	302	13 3/8 COPC	INJECTION	375	Surface	Circulated
		300250301400	VACUUM ABO UNIT 010-008W		VAC ABO	8/31/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 S	S	1,650.00	W	Intermediate	3,193.00	8 5/8 COPC	INJECTION	1350	400	Temp Survey
		300250301400	VACUUM ABO UNIT 010-008W		VAC ABO	8/31/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 S	S	1,650.00	W	Production	9,100.00	5 1/2 COPC	INJECTION	679	3185	Temp Survey
	300250301500	300250301500	VACUUM ABO UNIT 010-009W		VAC ABO	10/2/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,980.00	S	2,310.00	E	Surface	307	13 3/8 COPC	INJECTION	350	Surface	Circulated
		300250301500	VACUUM ABO UNIT 010-009W		VAC ABO	10/2/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,980.00	S	2,310.00	E	Intermediate	3,210.00	8 5/8 COPC	INJECTION	1400	1083	Temp Survey
		300250301500	VACUUM ABO UNIT 010-009W		VAC ABO	10/2/1961 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	1,980.00	S	2,310.00	E	Production	9,099.00	5 1/2 COPC	INJECTION	679	570	Temp Survey
	300252011900	300252011900	VACUUM ABO UNIT 006-080		VAC ABO	7/13/1963 0:00	9,000.00	Active	Sec. 27, T-17S, R-35E	333 S	S	2,315.00	W	Surface	320	13 3/8 COPC	OIL	350	Surface	Circulated
		300252011900	VACUUM ABO UNIT 006-080		VAC ABO	7/13/1963 0:00	9,000.00	Active	Sec. 27, T-17S, R-35E	333 S	S	2,315.00	W	Intermediate	3,250.00	8 5/8 COPC	OIL	400	2350	Temp Survey
		300252011900	VACUUM ABO UNIT 006-080		VAC ABO	7/13/1963 0:00	9,000.00	Active	Sec. 27, T-17S, R-35E	333 S	S	2,315.00	W	Production	9,000.00	5 1/2 COPC	OIL	751	500	Temp Survey
2	300250300300	300250300300	VACUUM ABO UNIT 006-061		VAC ABO	12/12/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,080.00	N	2,080.00	E	Surface	334	13 3/8 COPC	OIL	350	Surface	Circulated
		300250300300	VACUUM ABO UNIT 006-061		VAC ABO	12/12/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,080.00	N	2,080.00	E	Intermediate	3,250.00	8 5/8 COPC	OIL	400	1500	Temp Survey
		300250300300	VACUUM ABO UNIT 006-061		VAC ABO	12/12/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,080.00	N	2,080.00	E	Production	9,099.00	5 1/2 COPC	OIL	656	1100	Temp Survey
	300250300500	300250300500	VACUUM ABO UNIT 006-065		VAC ABO	1/26/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	987 N	N	1,980.00	E	Surface	310	13 3/8 COPC	OIL	350	Surface	Circulated
		300250300500	VACUUM ABO UNIT 006-065		VAC ABO	1/26/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	987 N	N	1,980.00	E	Intermediate	3,271.00	8 5/8 COPC	OIL	400	3242	Temp Survey
		300250300500	VACUUM ABO UNIT 006-065		VAC ABO	1/26/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	987 N	N	1,980.00	E	Production	9,093.00	5 1/2 COPC	OIL	544	Unknown	Unknown
✓	300252052800	300252052800	VACUUM ABO UNIT 006-068		VAC ABO	6/8/1963 0:00	9,000.00	Plugged	Sec. 34, T-17S, R-35E	1,735.00	N	990 E	Surface	344	13 3/8 COPC	INJECTION	350	Surface	Circulated	
		300252052800	VACUUM ABO UNIT 006-068		VAC ABO	6/8/1963 0:00	9,000.00	Plugged	Sec. 34, T-17S, R-35E	1,735.00	N	990 E	Intermediate	3,400.00	8 5/8 COPC	INJECTION	400	2600	Temp Survey	
		300252052800	VACUUM ABO UNIT 006-068		VAC ABO	6/8/1963 0:00	9,000.00	Plugged	Sec. 34, T-17S, R-35E	1,735.00	N	990 E	Production	9,000.00	5 1/2 COPC	INJECTION	495	4008	Bond Log	
1	300250302400	300250302400	VACUUM ABO UNIT 008-009		VAC ABO	12/14/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,316.00	N	1,980.00	W	Surface	328	10 3/4 COPC	OIL	550	Surface	Circulated & 2"
		300250302400	VACUUM ABO UNIT 008-009		VAC ABO	12/14/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,316.00	N	1,980.00	W	Intermediate	3,600.00	7 5/8 COPC	OIL	1000	Surface	Circulated
		300250302400	VACUUM ABO UNIT 008-009		VAC ABO	12/14/1961 0:00	9,100.00	TAD	Sec. 34, T-17S, R-35E	2,316.00	N	1,980.00	W	Liner	9,100.00	5 1/2 COPC	OIL	1950	3416	Circulated
✓	300250302500	300250302500	VACUUM ABO UNIT 008-010		VAC ABO	2/5/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	2,310.00	N	990 W	Surface	324	10 3/4 COPC	OIL	450	Surface	Circulated	
		300250302500	VACUUM ABO UNIT 008-010		VAC ABO	2/5/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	2,310.00	N	990 W	Intermediate	3,600.00	7 5/8 COPC	OIL	1300	Surface	Circulated	
		300250302500	VACUUM ABO UNIT 008-010		VAC ABO	2/5/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	2,310.00	N	990 W	Liner	9,100.00	5 1/2 COPC	OIL	550	3540	Temp Survey	
	300250300600	300250300600	VACUUM ABO UNIT 008-011		VAC ABO	3/18/1962 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	990 N	N	2,310.00	W	Surface	335	10 3/4 COPC	OIL	450	Surface	Circulated
		300250300600	VACUUM ABO UNIT 008-011		VAC ABO	3/18/1962 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	990 N	N	2,310.00	W	Intermediate	3,600.00	7 5/8 COPC	OIL	1220	460	Temp Survey
		300250300600	VACUUM ABO UNIT 008-011		VAC ABO	3/18/1962 0:00	9,100.00	Plugged	Sec. 34, T-17S, R-35E	990 N	N	2,310.00	W	Liner	9,100.00	5 1/2 COPC	OIL	710	3416	Circulated
	300252005800	300252005800	VACUUM ABO UNIT 008-012		VAC ABO	12/14/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 N	N	990 W	Surface	343	10 3/4 COPC	OIL	350	Surface	Circulated	
		300252005800	VACUUM ABO UNIT 008-012		VAC ABO	12/14/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 N	N	990 W	Intermediate	3,600.00	7 5/8 COPC	OIL	1650	1150	Temp Survey	
		300252005800	VACUUM ABO UNIT 008-012		VAC ABO	12/14/1962 0:00	9,100.00	Active	Sec. 34, T-17S, R-35E	990 N	N	990 W	Liner	9,100.00	5 1/2 COPC	OIL	720	3453	Circulated	
	300252027700	300252027700	VACUUM ABO UNIT 009-005W		VAC ABO	5/28/1963 0:00	9,040.00	Active	Sec. 33, T-17S, R-35E	2,310.00	N	330 E	Surface	386	13 3/8 COPC	INJECTION	315	Surface	Circulated	
		300252027700	VACUUM ABO UNIT 009-005W		VAC ABO	5/28/1963 0:00	9,040.00	Active	Sec. 33, T-17S, R-35E	2,310.00	N	330 E	Intermediate	3,300.00	9 5/8 COPC	INJECTION	2000	Surface	Circulated	
		300252027700	VACUUM ABO UNIT 009-005W		VAC ABO	5/28/1963 0:00	9,040.00	Active	Sec. 33, T-17S, R-35E	2,310.00	N	330 E	Production	9,038.00	5 1/2 COPC	INJECTION	780	5900	Temp Survey	
	300252033000	300252033000	EAST VACUUM GB-SA UNIT	3315-402	EVGSAU	11/6/1963 0:00	6,245.00	Active	Sec. 33, T-17S, R-35E	2,310.00	S	660 E	Surface	1,618.00	8 5/8 COPC	OIL	575	72	Measuring Line	
		300252033000	EAST VACUUM GB-SA UNIT	3315-402	EVGSAU	11/6/1963 0:00	6,245.00	Active	Sec. 33, T-17S, R-35E	2,310.00	S	660 E	Production	6,245.00	5 1/2 COPC	OIL	950	Unknown	Unknown	
✓	300252138300	300252138300	VACUUM GLORIETA EAST UNIT	028-01	VGEU	5/3/1965 0:00	6,281.00	Plugged	Sec. 34, T-17S, R-35E	2310 N	N	330 W	Surface	1,667.00	8 5/8 COPC	OIL	750	Surface	Circulated	
		300252138300	VACUUM GLORIETA EAST UNIT	028-01	VGEU	5/3/1965 0:00	6,281.00	Plugged	Sec. 34, T-17S, R-35E	2310 N	N	330 W	Production	6,281.00	4 1/2 COPC	OIL	520	Unknown	Bond Log	
	300252086600	300252086600	VACUUM GLORIETA EAST UNIT	035-01	VGEU	4/29/1964 0:00	6,300.00	Active	Sec. 34, T-17S, R-35E	330 N	N	330 W	Surface	1,607.00	8 5/8 COPC	OIL	750	Surface	Circulated	
		300252086600	VACUUM GLORIETA EAST UNIT	035-01	VGEU	4/29/1964 0:00	6,300.00	Active	Sec. 34, T-17S, R-35E	330 N	N	330 W	Production	6,300.00	4 1/2 COPC	OIL	2100	1675	Temp Survey	
2	300252086700	300252086700	VACUUM GLORIETA EAST UNIT	035-02	VGEU	5/17/1964 0:00	6,300.00	TAD	Sec. 34, T-17S, R-35E	330 N	N	1,650.00	W	Surface	1,612.00	8 5/8 COPC	OIL	850	Surface	Circulated
		300252086700	VACUUM GLORIETA EAST UNIT	035-02	VGEU	5/17/1964 0:00	6,300.00	TAD	Sec. 34, T-17S, R-35E	330 N	N	1,650.00	W	Production	6,300.00	4 1/2 COPC	OIL	2238	1485	Log
	300252086800	300252086800	VACUUM GLORIETA EAST UNIT	035-03	VGEU	6/11/1964 0:00	6,300.00	Active	Sec. 34, T-17S, R-35E	1,980.00	N	330 W	Surface	1,608.00	8 5/8 COPC	OIL	900	Surface	Circulated	
		300252086800	VACUUM GLORIETA EAST UNIT	035-03	VGEU	6/11/1964 0:00	6,300.00	Active	Sec. 34, T-17S, R-35E	1,980.00	N	330 W	Production	6,300.00	4 1/2 COPC	OIL	2060	245	Temp Survey	

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API	API / UWI	Legal WellName	Lease	Orig Spud D	Measure Well Status	Surf Loc	N/S	Dis N/S	EW	Di	EW	Casing Descri	Set	Dept	String	OD	Operator	Prod/Inj Type	S	CEME	ELEMENT	TOI	METHOD
300250304100	300250304100	EAST VACUUM GB-SA UNIT	EVGSAU	3/20/1940	4634 Plugged	Sec. 4, T-18S, R-35E	660 N	660 N	660 W	Surface		1601	9 5/8	CONOCOPHILLIPS OIL PRODUCTION	675	Surface	Circulated						
	300250304100	EAST VACUUM GB-SA UNIT	EVGSAU	3/20/1940	4634 Plugged	Sec. 4, T-18S, R-35E	660 N	660 N	660 W	Production		4117	7	CONOCOPHILLIPS OIL PRODUCTION	400	1340	Calculated						
	300252692700	EAST VACUUM GB-SA UNIT	EVGSAU	10/16/1980	4800 Active	Sec. 4, T-18S, R-35E	930 N	1400 W	Surface		355	8 5/8	CONOCOPHILLIPS INJECTION	400	Surface	Circulated							
	300252692700	EAST VACUUM GB-SA UNIT	EVGSAU	10/16/1980	4800 Active	Sec. 4, T-18S, R-35E	930 N	1400 W	Surface		4800	5 1/2	CONOCOPHILLIPS INJECTION	1400	Surface	Circulated							
	300252692800	EAST VACUUM GB-SA UNIT	EVGSAU	10/13/1980	4802 Plugged	Sec. 4, T-18S, R-35E	980 N	90 W	Surface		353	8 5/8	CONOCOPHILLIPS INJECTION	400	Surface	Circulated							
	300252692800	EAST VACUUM GB-SA UNIT	EVGSAU	10/13/1980	4802 Plugged	Sec. 4, T-18S, R-35E	980 N	90 W	Production	1	4782	5 1/2	CONOCOPHILLIPS INJECTION	1465	Surface	Circulated							
	300252370100	EAST VACUUM GB-SA UNIT	EVGSAU	2/9/1971	4700 Active	Sec. 5, T-18S, R-35E	1650 N	2310 W	Surface		402	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	350	Surface	Circulated							
	300252370100	EAST VACUUM GB-SA UNIT	EVGSAU	2/9/1971	4700 Active	Sec. 5, T-18S, R-35E	1650 N	2310 W	Production		4696	4 1/2	CONOCOPHILLIPS OIL PRODUCTION	275	2700	Temp Survey							
	300252693100	EAST VACUUM GB-SA UNIT	EVGSAU	10/4/1980	4800 Active	Sec. 5, T-18S, R-35E	2286 N	2080 W	Surface		366	8 5/8	CONOCOPHILLIPS INJECTION	400	Surface	Circulated							
	300252693100	EAST VACUUM GB-SA UNIT	EVGSAU	10/4/1980	4800 Active	Sec. 5, T-18S, R-35E	2286 N	2080 W	Production		4800	5 1/2	CONOCOPHILLIPS INJECTION	1300	Surface	Circulated							
300252693000	300252693000	EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4832 Active	Sec. 5, T-18S, R-35E	1225 N	2580 W	Surface		352	8 5/8	CONOCOPHILLIPS INJECTION	400	Surface	Circulated							
	300252693000	EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4832 Active	Sec. 5, T-18S, R-35E	1225 N	2580 W	Production		4832	5 1/2	CONOCOPHILLIPS INJECTION	1600	Surface	Circulated							
	300252651400	EAST VACUUM GB-SA UNIT	EVGSAU	11/13/1979	4900 Active	Sec. 5, T-18S, R-35E	1100 N	1600 E	Surface		353	9 5/8	CONOCOPHILLIPS OIL PRODUCTION	300	Surface	Circulated							
	300252651400	EAST VACUUM GB-SA UNIT	EVGSAU	11/13/1979	4900 Active	Sec. 5, T-18S, R-35E	1100 N	1600 E	Production		4897	7	CONOCOPHILLIPS OIL PRODUCTION	1600	Surface	Circulated							
	300250305700	EAST VACUUM GB-SA UNIT	EVGSAU	10/6/1939	4640 Active	Sec. 5, T-18S, R-35E	660 N	660 E	Surface		1562	9 5/8	CONOCOPHILLIPS OIL PRODUCTION	710	Surface	Circulated & Dumped							
	300250305700	EAST VACUUM GB-SA UNIT	EVGSAU	10/6/1939	4640 Active	Sec. 5, T-18S, R-35E	660 N	660 E	Production		4123	7	CONOCOPHILLIPS OIL PRODUCTION	400	Unknown	Unknown							
	300250305900	EAST VACUUM GB-SA UNIT	EVGSAU	2/10/1940	4642 Active	Sec. 5, T-18S, R-35E	660 N	1980 E	Surface		1563	9 5/8	CONOCOPHILLIPS OIL PRODUCTION	608	Surface	Circulated & Dumped							
	300250305900	EAST VACUUM GB-SA UNIT	EVGSAU	2/10/1940	4642 Active	Sec. 5, T-18S, R-35E	660 N	1980 E	Production		4107	7	CONOCOPHILLIPS OIL PRODUCTION	400	1500	Calculated							
	300250305900	EAST VACUUM GB-SA UNIT	EVGSAU	2/10/1940	4642 Active	Sec. 5, T-18S, R-35E	660 N	1980 E	Production		4107	7	CONOCOPHILLIPS OIL PRODUCTION	400	1500	Calculated							
	300252078700	300252078700	EAST VACUUM GB-SA UNIT	EVGSAU	12/12/1964	4650 Active	Sec. 5, T-18S, R-35E	1650 N	2285 E	Surface		300	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	300	Surface	Circulated						
300252078700		EAST VACUUM GB-SA UNIT	EVGSAU	12/12/1964	4650 Active	Sec. 5, T-18S, R-35E	1650 N	2285 E	Production		4650	5 1/2	CONOCOPHILLIPS OIL PRODUCTION	550	2500	Temp Survey							
300252131400		EAST VACUUM GB-SA UNIT	EVGSAU	3/12/1965	4650 Active	Sec. 5, T-18S, R-35E	1650 N	990 E	Surface		330	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	325	Surface	Circulated							
300252131400		EAST VACUUM GB-SA UNIT	EVGSAU	3/12/1965	4650 Active	Sec. 5, T-18S, R-35E	1650 N	990 E	Production		4650	4 1/2	CONOCOPHILLIPS OIL PRODUCTION	450	2700	Temp Survey							
300252088800		EAST VACUUM GB-SA UNIT	EVGSAU	10/17/1964	6262 Active	Sec. 5, T-18S, R-35E	330 N	990 E	Surface		1608	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	1050	Surface	Circulated							
300252088800		EAST VACUUM GB-SA UNIT	EVGSAU	10/17/1964	6262 Active	Sec. 5, T-18S, R-35E	330 N	990 E	Production		6258	4 1/2	CONOCOPHILLIPS OIL PRODUCTION	920	Surface	Circulated							
300252693200		EAST VACUUM GB-SA UNIT	EVGSAU	10/11/1980	4800 Active	Sec. 5, T-18S, R-35E	2300 N	1600 E	Surface		361	8 5/8	CONOCOPHILLIPS INJECTION	400	Surface	Circulated							
300252693200		EAST VACUUM GB-SA UNIT	EVGSAU	10/11/1980	4800 Active	Sec. 5, T-18S, R-35E	2300 N	1600 E	Production		4800	5 1/2	CONOCOPHILLIPS INJECTION	1300	Surface	Circulated							
300250307000		VACUUM ABO UNIT 013-010	Vac Abo	4/19/1961	8956 Active	Sec. 5, T-18S, R-35E	1980 S	2310 E	Surface		297	13 3/8	CONOCOPHILLIPS OIL PRODUCTION	350	Surface	Circulated							
300250307000		VACUUM ABO UNIT 013-010	Vac Abo	4/19/1961	8956 Active	Sec. 5, T-18S, R-35E	1980 S	2310 E	Intermediate		3250	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	1300	Surface	Circulated							
300250307100	300250307000	VACUUM ABO UNIT 013-010	Vac Abo	4/19/1961	8956 Active	Sec. 5, T-18S, R-35E	1980 S	2310 E	Production		8956	5 1/2	CONOCOPHILLIPS OIL PRODUCTION	640	3250	Temp Survey							
	300250307100	VACUUM ABO UNIT 013-013	Vac Abo	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S	660 E	Surface		326	13 3/8	CONOCOPHILLIPS OIL PRODUCTION	375	Surface	Circulated							
	300250307100	VACUUM ABO UNIT 013-013	Vac Abo	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S	660 E	Intermediate		3227	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	1200	Unknown	Unknown							
	300250307100	VACUUM ABO UNIT 013-013	Vac Abo	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S	660 E	Production		9099	5 1/2	CONOCOPHILLIPS OIL PRODUCTION	679	3200	Temp Survey							
	300250305200	VACUUM ABO UNIT 013-015W	Vac Abo	6/21/1961	9100 Active	Sec. 4, T18S, R35E	2310 S	660 W	Surface		313	13 3/8	CONOCOPHILLIPS INJECTION	375	Surface	Circulated							
	300250305200	VACUUM ABO UNIT 013-015W	Vac Abo	6/21/1961	9100 Active	Sec. 4, T18S, R35E	2310 S	660 W	Intermediate		3036	8 5/8	CONOCOPHILLIPS INJECTION	1250	Surface	Circulated							
	300250305200	VACUUM ABO UNIT 013-015W	Vac Abo	6/21/1961	9100 Active	Sec. 4, T18S, R35E	2310 S	660 W	Production		9099	5 1/2	CONOCOPHILLIPS INJECTION	748	3000	Temp Survey							
	300250307200	VACUUM ABO UNIT 013-016	Vac Abo	7/1/1961	9100 Active	Sec. 5, T-18S, R-35E	990 N	330 E	Surface		317	13 3/8	CONOCOPHILLIPS OIL PRODUCTION	375	Surface	Circulated							
	300250307200	VACUUM ABO UNIT 013-016	Vac Abo	7/1/1961	9100 Active	Sec. 5, T-18S, R-35E	990 N	330 E	Intermediate		3036	8 5/8	CONOCOPHILLIPS OIL PRODUCTION	1225	Surface	Circulated							
	300250307200	VACUUM ABO UNIT 013-016	Vac Abo	7/1/1961	9100 Active	Sec. 5, T-18S, R-35E	990 N	330 E	Production		9100	5 1/2	CONOCOPHILLIPS OIL PRODUCTION	679	2790	Temp Survey							
300250307300	300250307300	VACUUM ABO UNIT 013-017W	Vac Abo	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S	2210 E	Surface		342	13 3/8	CONOCOPHILLIPS INJECTION	475	Surface	Circulated							
	300250307300	VACUUM ABO UNIT 013-017W	Vac Abo	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S	2210 E	Intermediate		3251	8 5/8	CONOCOPHILLIPS INJECTION	1350	350	Temp Survey							
	300250307300	VACUUM ABO UNIT 013-017W	Vac Abo	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S	2210 E	Production		9099	5 1/2	CONOCOPHILLIPS INJECTION	679	2790	Temp Survey							
	300250307300	VACUUM ABO UNIT 013-017W	Vac Abo	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S																

300250306700	300250306700	VACUUM ABO UNIT 013-005	Vac Abo	2/5/1961	9100 Active	Sec. 5, 18S, R35E	1980 N	660 E	Surface	304	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	350 Surface	Circulated
	300250306700	VACUUM ABO UNIT 013-005	Vac Abo	2/5/1961	9100 Active	Sec. 5, 18S, R35E	1980 N	660 E	Intermediate	3276	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	1050 Unknown	Unknown
	300250306700	VACUUM ABO UNIT 013-005	Vac Abo	2/5/1961	9100 Active	Sec. 5, 18S, R35E	1980 N	660 E	Production	9100	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	575	3266 Temp Survey
✓	300250306900	VACUUM ABO UNIT 013-007W	Vac Abo	3/14/1961	8971 Plugged	Sec. 5, 18S, R35E	2080 N	1980 E	Surface	297	13 3/8 CONOCOPHILLIPS INJECTION	350 Surface	Circulated
	300250306900	VACUUM ABO UNIT 013-007W	Vac Abo	3/14/1961	8971 Plugged	Sec. 5, 18S, R35E	2080 N	1980 E	Intermediate	3233	8 5/8 CONOCOPHILLIPS INJECTION	1200 Surface	Circulated
	300250306900	VACUUM ABO UNIT 013-007W	Vac Abo	3/14/1961	9006 Plugged	Sec. 5, 18S, R35E	2080 N	1980 E	Production	8971	5 1/2 CONOCOPHILLIPS INJECTION	529	3212 Temp Survey
	300250306300	VACUUM ABO UNIT 014-001	Vac Abo	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S	1980 W	Surface	315	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	290 Surface	Circulated
	300250306300	VACUUM ABO UNIT 014-001	Vac Abo	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S	1980 W	Intermediate	3200	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	200 Surface	Circulated
	300250306300	VACUUM ABO UNIT 014-001	Vac Abo	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S	1980 W	Production	9006	4 1/2 CONOCOPHILLIPS OIL PRODUCTION	690 Unknown	Unknown
	300250306100	VACUUM ABO UNIT 006-059	Vac Abo	7/29/1961	8982 TAd	Sec. 5, 18S, R35E	2313 N	2291 W	Surface	331	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	350 Surface	Circulated
	300250306100	VACUUM ABO UNIT 006-059	Vac Abo	7/29/1961	8982 TAd	Sec. 5, 18S, R35E	2313 N	2291 W	Intermediate	3250	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	400	2000 Temp Survey
2	300250306100	VACUUM ABO UNIT 006-059	Vac Abo	7/29/1961	8982 TAd	Sec. 5, 18S, R35E	2313 N	2291 W	Production	8982	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	545	3600 Temp Survey

VAN 14-14

API	Legal WellName	Lease	Orig Spud D:	Measurec Well Status	Surf Loc	N/S Dist	N/S R	EW/ Dis	EW R	Casing Descri	Set Dep	String OD	Operator	Prod/Inj Type	IS CEMENT	TOI	METHOD
300252692900	300252692900 EAST VACUUM GB-SA UNIT	EVGSAU	8/24/1980	4800 Active	Sec. 5, T-18S, R-35E	950 N		1350 W		Surface	349	9 5/8	CONOCOPHILLIPS	OIL PRODUCTION	400	Surface	Circulated
300252692900	300252692900 EAST VACUUM GB-SA UNIT	EVGSAU	8/24/1980	4800 Active	Sec. 5, T-18S, R-35E	950 N		1350 W		Production	4800	7	CONOCOPHILLIPS	OIL PRODUCTION	1220	Surface	Circulated
300250305400	300250305400 EAST VACUUM GB-SA UNIT	EVGSAU	8/23/1938	4650 Active	Sec. 5, T-18S, R-35E	1980 N		660 W		Surface	1524	9 5/8	CONOCOPHILLIPS	OIL PRODUCTION	470	Unknown	Unknown
300250305400	300250305400 EAST VACUUM GB-SA UNIT	EVGSAU	8/23/1938	4650 Active	Sec. 5, T-18S, R-35E	1980 N		660 W		Production	4144	7	CONOCOPHILLIPS	OIL PRODUCTION	400		Calculated
300253205900	300253205900 EAST VACUUM GB-SA UNIT	EVGSAU	10/15/1993	4850 Active	Sec. 5, T-18S, R-35E	2100 N		1450 W		Surface	1600	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	1550	Surface	Circulated
300253205900	300253205900 EAST VACUUM GB-SA UNIT	EVGSAU	10/15/1993	4850 Active	Sec. 5, T-18S, R-35E	2100 N		1450 W		Production	4850	5 1/2	CONOCOPHILLIPS	OIL PRODUCTION	2000	Surface	Circulated
300250305800	300250305800 EAST VACUUM GB-SA UNIT	EVGSAU	11/29/1939	4645 Active	Sec. 5, T-18S, R-35E	660 N		1980 W		Surface	1561	9 5/8	CONOCOPHILLIPS	OIL PRODUCTION	650	Surface	Circulated
300250305800	300250305800 EAST VACUUM GB-SA UNIT	EVGSAU	11/29/1939	4645 Active	Sec. 5, T-18S, R-35E	660 N		1980 W		Production	4122	7 5/8	CONOCOPHILLIPS	OIL PRODUCTION	400	1330	Calculated
300250305800	Same as	EVGSAU	7/22/1941	4620 Active	Sec. 5, T-18S, R-35E	1650 N		1650 W		Surface	1572	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	650	Surface	Circulated
300250306000	300250306000 EAST VACUUM GB-SA UNIT	EVGSAU	7/22/1941	4620 Active	Sec. 5, T-18S, R-35E	1650 N		1650 W		Production	4130	5 1/2	CONOCOPHILLIPS	OIL PRODUCTION	300	Unknown	Unknown
300252165100	300252165100 EAST VACUUM GB-SA UNIT	EVGSAU	1/2/1966	6250 Active	Sec. 5, T-18S, R-35E	1655 N		330 W		Surface	1530	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	650	Surface	Circulated
300252165100	300252165100 EAST VACUUM GB-SA UNIT	EVGSAU	1/2/1966	6250 Active	Sec. 5, T-18S, R-35E	1655 N		330 W		Production	6250	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	800	2600	Temp Survey
300252370100	300252370100 EAST VACUUM GB-SA UNIT	EVGSAU	2/9/1971	4700 Active	Sec. 5, T-18S, R-35E	1650 N		2310 W		Surface	402	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	350	Surface	Circulated
300252370100	300252370100 EAST VACUUM GB-SA UNIT	EVGSAU	2/9/1971	4700 Active	Sec. 5, T-18S, R-35E	1650 N		2310 W		Production	4696	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	275	2700	Temp Survey
300252490600	300252490600 EAST VACUUM GB-SA UNIT	EVGSAU	2/20/1975	4850 Active	Sec. 5, T-18S, R-35E	998 S		990 W		Surface	390	8 5/8	CONOCOPHILLIPS	INJECTION	375	Surface	Circulated
300252490600	300252490600 EAST VACUUM GB-SA UNIT	EVGSAU	2/20/1975	4850 Active	Sec. 5, T-18S, R-35E	998 S		990 W		Production	4839	5 1/2	CONOCOPHILLIPS	INJECTION	300	2710	Temp Survey
300252490600	Same as	EVGSAU	10/4/1980	4800 Active	Sec. 5, T-18S, R-35E	2286 N		2080 W		Surface	366	8 5/8	CONOCOPHILLIPS	INJECTION	400	Surface	Circulated
300252693100	300252693100 EAST VACUUM GB-SA UNIT	EVGSAU	10/4/1980	4800 Active	Sec. 5, T-18S, R-35E	2286 N		2080 W		Production	4800	5 1/2	CONOCOPHILLIPS	INJECTION	1300	Surface	Circulated
300252693100	300252693100 EAST VACUUM GB-SA UNIT	EVGSAU	8/20/1980	4800 Active	Sec. 5, T-18S, R-35E	2540 N		10 W		Surface	356	16	CONOCOPHILLIPS	INJECTION	600	Surface	Circulated
300252685600	300252685600 EAST VACUUM GB-SA UNIT	EVGSAU	8/20/1980	4800 Active	Sec. 5, T-18S, R-35E	2540 N		10 W		Intermediate	1449	10 3/4	CONOCOPHILLIPS	INJECTION	785	Surface	Circulated
	300252685600 EAST VACUUM GB-SA UNIT	EVGSAU	8/20/1980	4800 Active	Sec. 5, T-18S, R-35E	2540 N		10 W		Production	4794	5 1/2	CONOCOPHILLIPS	INJECTION	1330	Surface	Circulated
	300252685600 EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4832 Active	Sec. 5, T-18S, R-35E	1225 N		2580 W		Surface	352	8 5/8	CONOCOPHILLIPS	INJECTION	400	Surface	Circulated
300252693000	300252693000 EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4832 Active	Sec. 5, T-18S, R-35E	1225 N		2580 W		Production	4832	5 1/2	CONOCOPHILLIPS	INJECTION	1600	Surface	Circulated
300252078700	300252078700 EAST VACUUM GB-SA UNIT	EVGSAU	12/12/1964	4650 Active	Sec. 5, T-18S, R-35E	1650 N		2285 E		Surface	300	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	300	Surface	Circulated
	300252078700 EAST VACUUM GB-SA UNIT	EVGSAU	12/12/1964	4650 Active	Sec. 5, T-18S, R-35E	1650 N		2285 E		Production	4650	5 1/2	CONOCOPHILLIPS	OIL PRODUCTION	550	2500	Temp Survey
	300252078700 EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4800 Active	Sec. 5, T-18S, R-35E	2300 N		1600 E		Surface	361	8 5/8	CONOCOPHILLIPS	INJECTION	400	Surface	Circulated
300252693200	300252693200 EAST VACUUM GB-SA UNIT	EVGSAU	10/1/1980	4800 Active	Sec. 5, T-18S, R-35E	2300 N		1600 E		Production	4800	5 1/2	CONOCOPHILLIPS	INJECTION	1300	Surface	Circulated
300252036300	300252036300 EAST VACUUM GB-SA UNIT	EVGSAU	6/25/1963	4794 Plugged	Sec. 5, T-18S, R-35E	2310 S		330 W		Surface	325	7 5/8	CONOCOPHILLIPS	OIL PRODUCTION	250	Surface	Circulated
	300252036300 EAST VACUUM GB-SA UNIT	EVGSAU	6/25/1963	4794 Plugged	Sec. 5, T-18S, R-35E	2310 S		330 W		Production	4790	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	400	2950	Calculated
300250307000	300250307000 VACUUM ABO UNIT 013-010	VACUUM ABO	4/19/1961	8956 Active	Sec. 5, T-18S, R-35E	1980 S		660 E		Intermediate	297	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	350	Surface	Circulated
	300250307000 VACUUM ABO UNIT 013-010	VACUUM ABO	4/19/1961	8956 Active	Sec. 5, T-18S, R-35E	1980 S		660 E		Production	3250	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	640	3250	Temp Survey
300250307100	300250307100 VACUUM ABO UNIT 013-013	VACUUM ABO	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S		660 E		Surface	326	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	1300	Surface	Circulated
	300250307100 VACUUM ABO UNIT 013-013	VACUUM ABO	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S		660 E		Intermediate	3227	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	1200	Unknown	Unknown
300250307100	300250307100 VACUUM ABO UNIT 013-013	VACUUM ABO	5/21/1961	9100 Active	Sec. 5, T-18S, R-35E	2310 S		660 E		Production	9099	5 1/2	CONOCOPHILLIPS	OIL PRODUCTION	679	3200	Temp Survey
300250307300	300250307300 VACUUM ABO UNIT 013-017W	VACUUM ABO	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S		2210 E		Surface	342	13 3/8	CONOCOPHILLIPS	INJECTION	475	Surface	Circulated
	300250307300 VACUUM ABO UNIT 013-017W	VACUUM ABO	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S		2210 E		Intermediate	3251	8 5/8	CONOCOPHILLIPS	INJECTION	1350	350	Temp Survey
300250307300	300250307300 VACUUM ABO UNIT 013-017W	VACUUM ABO	8/5/1961	9100 Active	Sec. 5, T-18S, R-35E	890 S		2210 E		Production	9099	5 1/2	CONOCOPHILLIPS	INJECTION	679	2790	Temp Survey
300250307300	Same as	VACUUM ABO	9/15/1961	9100 Plugged	Sec. 5, T-18S, R-35E	990 S		990 E		Surface	313	13 3/8	CONOCOPHILLIPS	INJECTION	375	Surface	Circulated
300250307400	300250307400 VACUUM ABO UNIT 013-019W	VACUUM ABO	9/15/1961	9100 Plugged	Sec. 5, T-18S, R-35E	990 S		990 E		Intermediate	3310	8 5/8	CONOCOPHILLIPS	INJECTION	1400	420	Temp Survey
	300250307400 VACUUM ABO UNIT 013-019W	VACUUM ABO	9/15/1961	9100 Plugged	Sec. 5, T-18S, R-35E	990 S		990 E		Production	9093	5 1/2	CONOCOPHILLIPS	INJECTION	679	3170	Temp Survey
300250306900	300250306900 VACUUM ABO UNIT 013-007W	VACUUM ABO	3/14/1961	8971 Plugged	Sec. 5, 18S, R35E	2080 N		1980 E		Surface	297	13 3/8	CONOCOPHILLIPS	INJECTION	350	Surface	Circulated
	300250306900 VACUUM ABO UNIT 013-007W	VACUUM ABO	3/14/1961	8971 Plugged	Sec. 5, 18S, R35E	2080 N		1980 E		Intermediate	3233	8 5/8	CONOCOPHILLIPS	INJECTION	1200	Surface	Circulated
300250306900	300250306900 VACUUM ABO UNIT 013-007W	VACUUM ABO	3/14/1961	8971 Plugged	Sec. 5, 18S, R35E	2080 N		1980 E		Production	8971	5 1/2	CONOCOPHILLIPS	INJECTION	529	3212	Temp Survey
300250306300	300250306300 VACUUM ABO UNIT 014-001	VACUUM ABO	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S		1980 W		Surface	315	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	290	Surface	Circulated
	300250306300 VACUUM ABO UNIT 014-001	VACUUM ABO	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S		1980 W		Intermediate	3200	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	200	Surface	Circulated
300250306500	300250306500 VACUUM ABO UNIT 014-001	VACUUM ABO	6/18/1961	9006 Active	Sec. 5, T-18S, R-35E	1980 S		1980 W		Production	9006	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	690	Unknown	Unknown
	300250306500 VACUUM ABO UNIT 014-001	VACUUM ABO	6/18/1961	9006 Active	Sec. 5, 18S, R35E	660 S		660 W		Surface	300	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	300	Surface	Circulated
300250306400	300250306400 VACUUM ABO UNIT 014-002	VACUUM ABO	7/16/1961	9062 Active	Sec. 5, 18S, R35E	660 S		660 W		Intermediate	3451	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	200	Unknown	Unknown
	300250306400 VACUUM ABO UNIT 014-002	VACUUM ABO	7/16/1961	9062 Active	Sec. 5, 18S, R35E	660 S		660 W		Production	9062	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	778	2605	Fluid Caliper
300250306500	300250306500 VACUUM ABO UNIT 014-002	VACUUM ABO	8/16/1961	9107 Plugged	Sec. 5, 18S, R35E	660 S		1980 W		Surface	313	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	190	Surface	Circulated
	300250306500 VACUUM ABO UNIT 014-002	VACUUM ABO	8/16/1961	9107 Plugged	Sec. 5, 18S, R35E	660 S		1980 W		Intermediate	3233	8 5/8	CONOCOPHILLIPS	OIL PRODUCTION	250	1670	Calculated
300250306500	300250306500 VACUUM ABO UNIT 014-003	VACUUM ABO	8/16/1961	9107 Plugged	Sec. 5, 18S, R35E	660 S		1980 W		Production	9107	4 1/2	CONOCOPHILLIPS	OIL PRODUCTION	450	5150	Bond Log
300250306600	300250306600 VACUUM ABO UNIT 014-004	VACUUM ABO	9/13/1961	8952 Active	Sec. 5, 18S, R35E	1650 S		660 W		Surface	305	13 3/8	CONOCOPHILLIPS	OIL PRODUCTION	190	Surface	Circulated

	300250306600	VACUUM ABO UNIT 014-004	VACUUM ABO	9/13/1961	8952 Active	Sec. 5, 18S, R35E	1650 S	660 W	Intermediate Production	3199	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	250 Unknown
	300250306600	VACUUM ABO UNIT 014-004	VACUUM ABO	9/13/1961	8952 Active	Sec. 5, 18S, R35E	1650 S	660 W	Production	8953	4 1/2 CONOCOPHILLIPS OIL PRODUCTION	1200 1850 Temp Survey
✓	300253190300	VACUUM ABO UNIT 014-005	VACUUM ABO	4/17/1993	9100 Plugged	Sec. 5, 18S, R35E	1475 S	430 W	Surface	1585	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	1500 Surface
	300253190300	VACUUM ABO UNIT 014-005	VACUUM ABO	4/17/1993	9100 Plugged	Sec. 5, 18S, R35E	1475 S	430 W	Intermediate Production	5200	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	1950 468 Temp Survey
✓	300253190300	VACUUM ABO UNIT 014-005	VACUUM ABO	4/17/1993	9100 Plugged	Sec. 5, 18S, R35E	1475 S	430 W	Production	9100	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	1325 7400 Temp Survey
✓	300250310800	HOBBS N STATE #001	HOBBS N STAT	10/12/1961	9050 TA'd	Sec. 8, 18S, R35E	330 N	358 W	Surface	305	13 3/8 CHEVRON OIL PRODUCTION	305 Surface
	300250310800	HOBBS N STATE #002	HOBBS N STAT	10/12/1961	9050 TA'd	Sec. 8, 18S, R35E	330 N	358 W	Intermediate Production	3254	8 5/8 CHEVRON OIL PRODUCTION	1100 Unknown
	300250310800	HOBBS N STATE #003	HOBBS N STAT	10/12/1961	9050 TA'd	Sec. 8, 18S, R35E	330 N	358 W	Production	9049	5 1/2 CHEVRON OIL PRODUCTION	925 1293 Temp Survey
✓	300250310900	VACUUM ABO UNIT 015-002	VACUUM ABO	1/21/1962	8970 Plugged	Sec. 8, 18S, R35E	330 N	1650 W	Surface	314	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	310 Surface
	300250310900	VACUUM ABO UNIT 015-002	VACUUM ABO	1/21/1962	8970 Plugged	Sec. 8, 18S, R35E	330 N	1650 W	Intermediate Production	3275	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	1100 Unknown
	300250310900	VACUUM ABO UNIT 015-002	VACUUM ABO	1/21/1962	8970 Plugged	Sec. 8, 18S, R35E	330 N	1650 W	Production	8969	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	775 2860 Temp Survey
	300250311000	VACUUM ABO UNIT 015-003W	VACUUM ABO	3/5/1962	9048 Active	Sec. 8, 18S, R35E	330 N	2310 E	Surface	304	13 3/8 CONOCOPHILLIPS INJECTION	320 Surface
	300250311000	VACUUM ABO UNIT 015-003W	VACUUM ABO	3/5/1962	9048 Active	Sec. 8, 18S, R35E	330 N	2310 E	Intermediate Production	3274	8 5/8 CONOCOPHILLIPS INJECTION	1355 Unknown
	300250311000	VACUUM ABO UNIT 015-003W	VACUUM ABO	3/5/1962	9048 Active	Sec. 8, 18S, R35E	330 N	2310 E	Production	9047	5 1/2 CONOCOPHILLIPS INJECTION	810 3180 Temp Survey
	300250311000	VACUUM ABO UNIT 015-003W	VACUUM ABO	7/29/1961	8982 TA'd	Sec. 5, 18S, R35E	2313 N	2291 W	Surface	331	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	350 Surface
	300250306100	VACUUM ABO UNIT 006-059	VACUUM ABO	7/29/1961	8982 TA'd	Sec. 5, 18S, R35E	2313 N	2291 W	Intermediate Production	3250	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	400 2000 Temp Survey
	300250306100	VACUUM ABO UNIT 006-059	VACUUM ABO	7/29/1961	8982 TA'd	Sec. 5, 18S, R35E	2313 N	2291 W	Production	8982	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	545 3600 Temp Survey
	300250306200	VACUUM ABO UNIT 006-063	VACUUM ABO	11/1/1961	9000 Active	Sec. 5, T18S, R35E	2310 N	990 W	Surface	318	13 3/8 CONOCOPHILLIPS OIL PRODUCTION	350 Surface
	300250306200	VACUUM ABO UNIT 006-063	VACUUM ABO	11/1/1961	9000 Active	Sec. 5, T18S, R35E	2310 N	990 W	Intermediate Production	3240	8 5/8 CONOCOPHILLIPS OIL PRODUCTION	400 2000 Temp Survey
	300250306200	VACUUM ABO UNIT 006-063	VACUUM ABO	11/1/1961	9000 Active	Sec. 5, T18S, R35E	2310 N	990 W	Production	8999	5 1/2 CONOCOPHILLIPS OIL PRODUCTION	555 2300 Temp Survey

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- 03001

- 03002

- 21713

- 24643

- 03013

31903
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- 03003

- 20528

03109

- 03024

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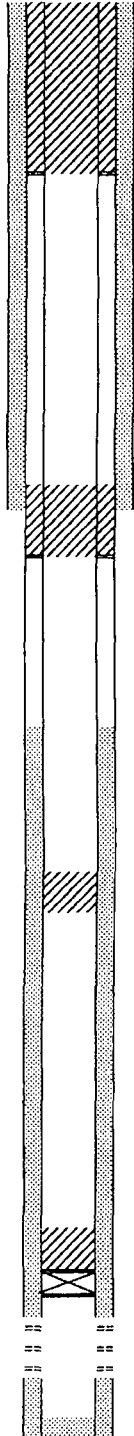
03065

Exhibit # 4

PLUGGED WELLBORE SKETCH **ConocoPhillips Company -- Mid-Continent Unit / Odessa**

Date: January 29, 2007

RKB @ 3937'
 DF @
 GL @ 3925'



Perf & sqz'd 100 sx C cmt 400' to surface
 circulated cement

12-1/4" Hole to 1665'

8-5/8" 24# J-55 ST&C @ 1651'
 Cmt'd w/900 sx
 TOC @ Surface

Top of Salt @ 1780'

Perf & sqz'd 85 sx C cmt 1,780 - 1,565' TAGGED

TOC 4-1/2" Csg @ 2354' (CBL)

Base Salt @ 2877'

25 sx C cmt 2,984 - 2,613'

Tagged CIBP; 25 sx C cmt 4,572 - 4,201'

4-1/2" CIBP @ 4530'

4566' - 4586' - 41 holes
 4567' 4568' 4571' 4573'
 4575' -- 10 holes

7-7/8" Hole to 4650'

4-1/2" 9.5# J-55 ST&C @ 4648'
 Cmt'd w/ 650 sx Class A
 TOC @ 2354' (CBL)

PBTD: 4530'
 TD: 4650'

Subarea: Buckeye
 Lease & Well No.: East Vacuum GB/SA Unit, Tract 3440, Well No. 012
 Legal Description: 2310' FSL & 2310' FEL, Sec. 34, T-17-S, R-35-E
 County: Lea State: New Mexico
 Field: Vacuum (Grayburg-San Andres)
 Date Spudded: May 22, 1965 Rig Released: Jun. 1, 1965
 API Number: 30-025-21384
 Status: PLUGGED 01/24/07
 Drilled as Standard Oil State 6-34 #12 State Lease No. B-1845

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	6/7/65	NE LST RA						
4567-4575	6/10/65	Fluid Level @ 4100'						
	10/10/95	Perforate from 4566' to 4586' - 41 shots						
4566-4586	10/11/95	15% Fercheck						
	10/16/95	Set 4-1/2" CIBP @ 4530'; circ packer fluid						
		Temporarily Abandon						



PLUGS SET 01/22/07 thru 01/24/07

- 1) Tagged CIBP; 25 sx C cmt 4,572 - 4,201'
- 2) 25 sx C cmt 2,984 - 2,613'
- 3) Perf & sqz'd 85 sx C cmt 1,780 - 1,565' TAGGED
- 4) Perf & sqz'd 100 sx C cmt 400' to surface

Capacities

4-1/2" 9.5# csg:	10.960 ft/ft3	0.0912 ft3/ft
5-1/2" 14# csg:	7.299 ft/ft3	0.1370 ft3/ft
7" 20# csg:	4.399 ft/ft3	0.2273 ft3/ft
7" 24# csg:	4.567 ft/ft3	0.2189 ft3/ft
7-5/8" 26.4# csg:	3.775 ft/ft3	0.2648 ft3/ft
8-5/8" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
9-5/8" 36# csg:	2.304 ft/ft3	0.4340 ft3/ft
13-3/8" 48# csg:	1.134 ft/ft3	0.8817 ft3/ft
7-7/8" openhole:	2.957 ft/ft3	0.3382 ft3/ft
8-3/4" openhole:	2.395 ft/ft3	0.4176 ft3/ft
11" openhole:	1.515 ft/ft3	0.66 ft3/ft

Formation Tops:

Anhydrite	1635'
Top Salt	1780'
Base Salt	2877'
Yates	3000'
Seven Rivers	3185'
Queen	3891'
Grayburg	4152'
San Andres	4560'

District PERMIAN	Field Name DISTRICT - E. VACUUM SUB-D	API / UWI 300250300200	County LEA	State/Province NEW MEXICO
Original Spud Date 6/23/1941	Surface Legal Location Sec. 28, T-17S, R-35E	E/W Dist (ft) 990.00	E/W Ref E	N/S Dist (ft) 1,650.00
			N/S Ref N	

Well Config: Vertical - MAIN HOLE 9/22/2009 1:46:06 PM

ftKB (MD)	Incl	ftKB (TVD)	Schematic - Actual
8			
413			
1,542			
1,653			
1,673			
1,703			
2,175			
2,748			
2,988			
3,569			
4,147			
4,150			
4,214			
4,220			
4,578			

Des:Cement Plug,
Depth (MD):8-413
ftKB

Des:Surface Casing
Cement, Depth
(MD):8-1,653 ftKB

Des:Surface, OD:8
5/8in, ID:8.097in,
Top (MD):8 ftKB,
Length:1,645.0ft

Des:Cement Plug,
Depth
(MD):1,542-1,703
ftKB

Des:Cement Plug,
Depth
(MD):1,703-2,175
ftKB

Des:Cement Plug,
Depth
(MD):2,748-2,988
ftKB

Des:Cement Plug,
Depth
(MD):3,569-4,147
ftKB

Des:Production
Casing Cement,
Depth (MD):8-4,214
ftKB

Des:Production1,
OD:5 1/2in,
ID:5.012in, Top
(MD):1,703 ftKB,
Length:2,511.0ft

Phillips Petroleum Company - Southwest Region
October 16, 2001

RKB: 3921'
 DF: 3920'
 GL: 3911'



Production Hole: 12-1/4"

Production Csg: 8 5/8" 28.5# K55,
 Cmt'd w/ 375 sx, circ 39 sx.

Plug #4 Sqz. 65 sx 460 - 0'
 Spot 40 Sx 360 - 0'. Covers the shoe plug
 & surface plug.

Plug #3 Sqz. 25 sx (1775 - 1675' Min Sx & Min. Int.) Calc'd
 Int. 1775 - 1665' covers Salt Top

Plug #2 Sqz. 35 sx (2888 - 2750' min. int.) Calc'd Int. 2888 - 2736' covers Salt Base
 Plug #1 Spot 15 sx 3032 - 2888' covers CIBP/Yates
 TOC by temp survey

CIBP

Yates Perforations

145 sk cmt plug
 3250' - 4465'

Grayburg Perforations

CIBP @ 4530'

San Andres Perforations

Cmt Ret w/ 2' cmt cap

San Andres Perforations

7 7/8" Hole 5 1/2", K-55 Casing
 Set @ 4703', 300 sx cmt.
 1 jt - 15.5#, ST&C
 98 jts - 14#, ST&C
 20 jts - 15.5#, ST&C

Lease & Well No.: **Santa Fe #127**

Well Category: One Status: TA'd
 Area: New Mexico
 Subarea: Buckeye Field: Vacuum Yates
 API Number: 30-025-24643
 Legal Description: 1650' FNL & 2310' FEL, Sec 34, T-17-S, R-35-E
 Lea County, New Mexico
 Spudded: 01/20/1974
 Completed: 05/23/1974

Well History:
 9/01 Set CIBP at 3032'. Isolated casing leak from 7-28'.

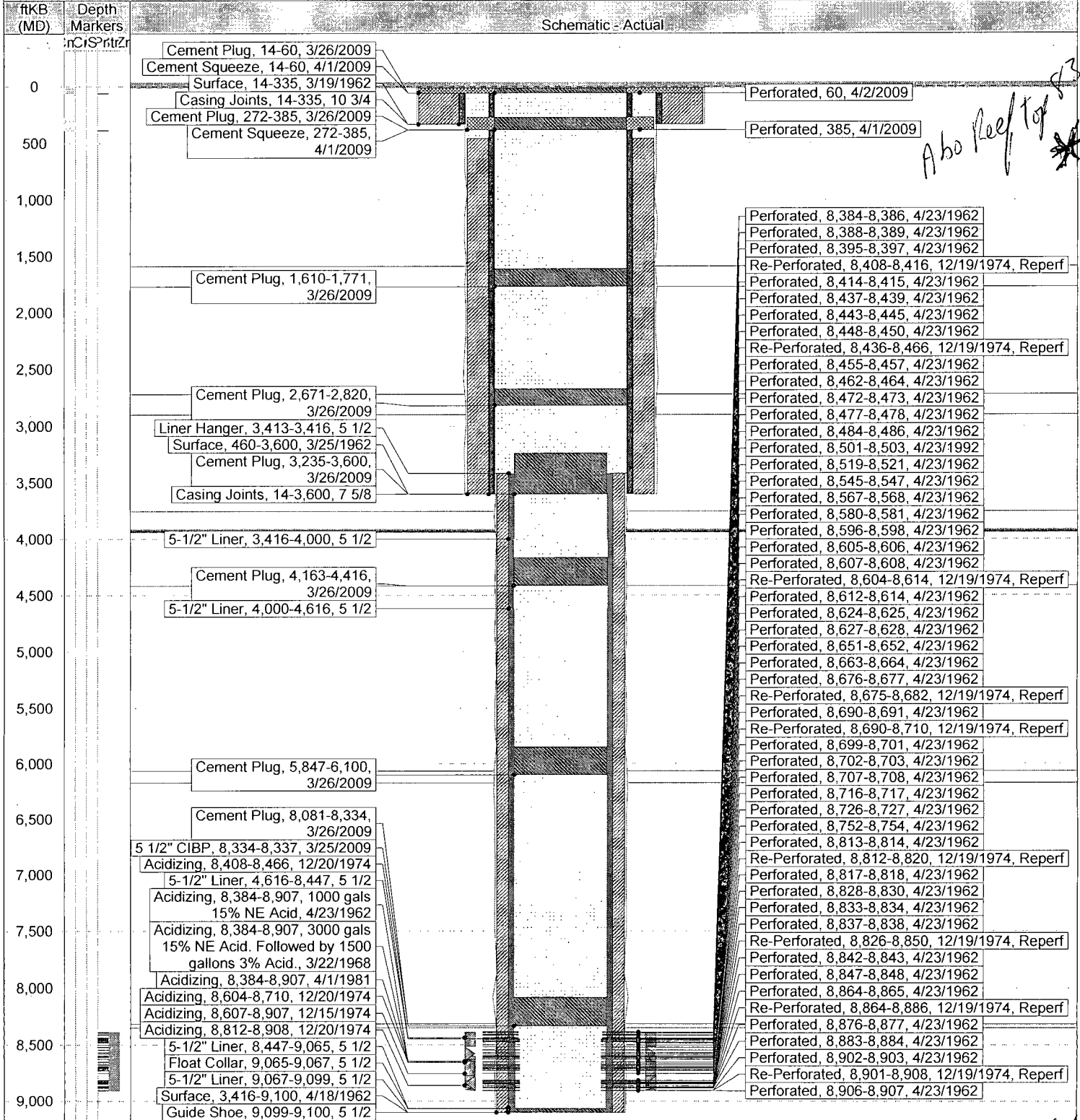
Formation Tops:	Salt Top	1725'
	Salt Base	2800'
	Yates	2901'
	Seven Rivers	3235'
	Queen	3798'
	Grayburg	4160'
	San Andres	4544'

File name: o:\everyone\wellfile\buckeye\santafe\sketch\Santa Fe #127.xls

Schematic - Current
VACUUM ABO UNIT 008-011

District PERMIAN	Field Name VACUUM	API / UWI 300250300600	County LEA	State/Province NEW MEXICO
Original Spud Date 3/18/1962	Surface Legal Location SEC. 34, T17S, R35E, UL "C"	East/West Distance (ft) 2,310.00	East/West Reference FWL	North/South Distance (ft) 990.00
				North/South Reference FNL

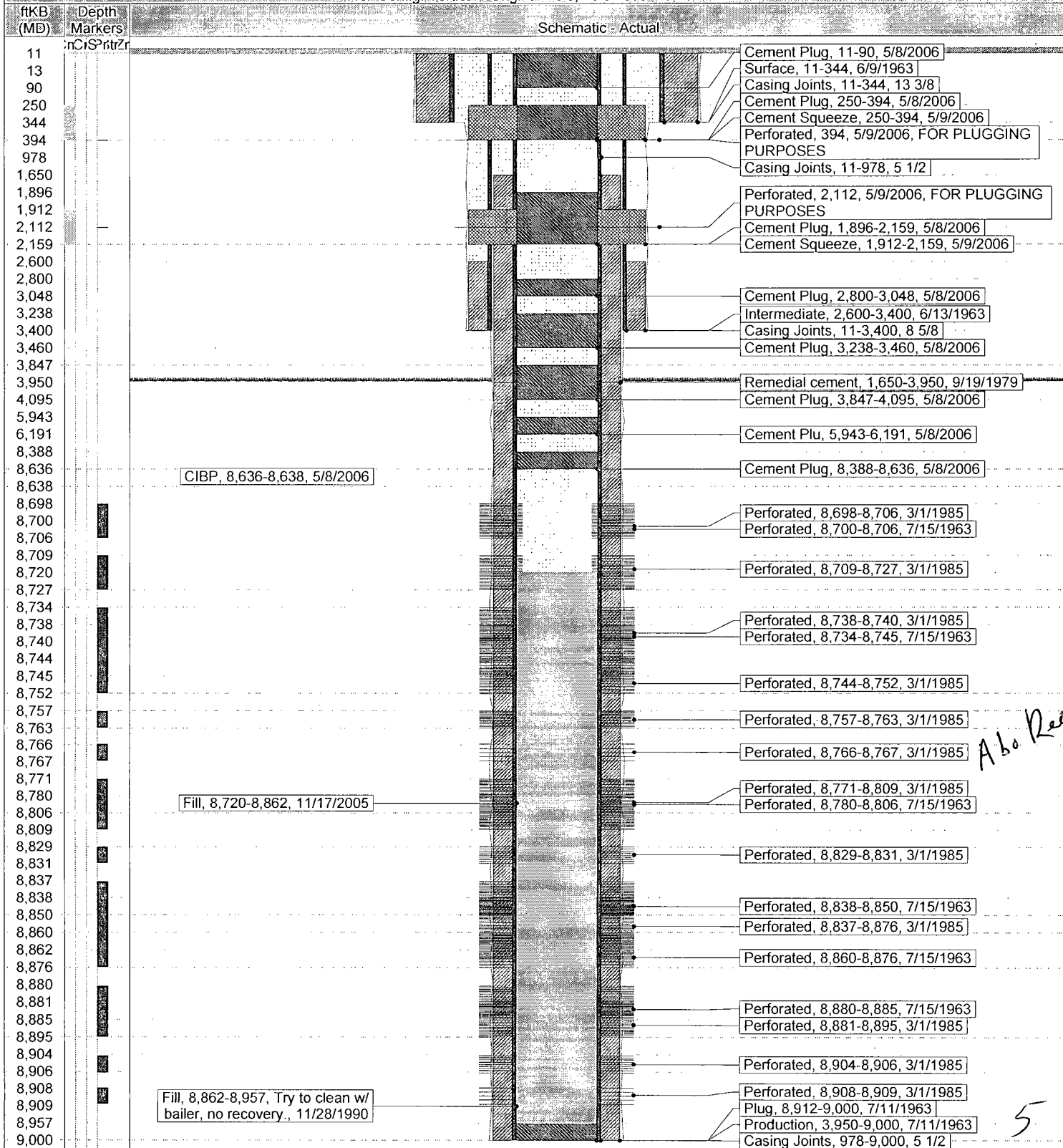
Well Config: Vertical - Original Hole: 10/6/2009 1:59:49 PM



Schematic - Current
VACUUM ABO UNIT 006-068

District PERMIAN	Field Name VACUUM	API / UWI 300252052800	County LEA	State/Province NEW MEXICO
Original Spud Date 6/8/1963	Surface Legal Location SEC. 34, T17S, R35E	East/West Distance (ft) 990.00	East/West Reference E	North/South Distance (ft) 1,735.00
North/South Reference N				

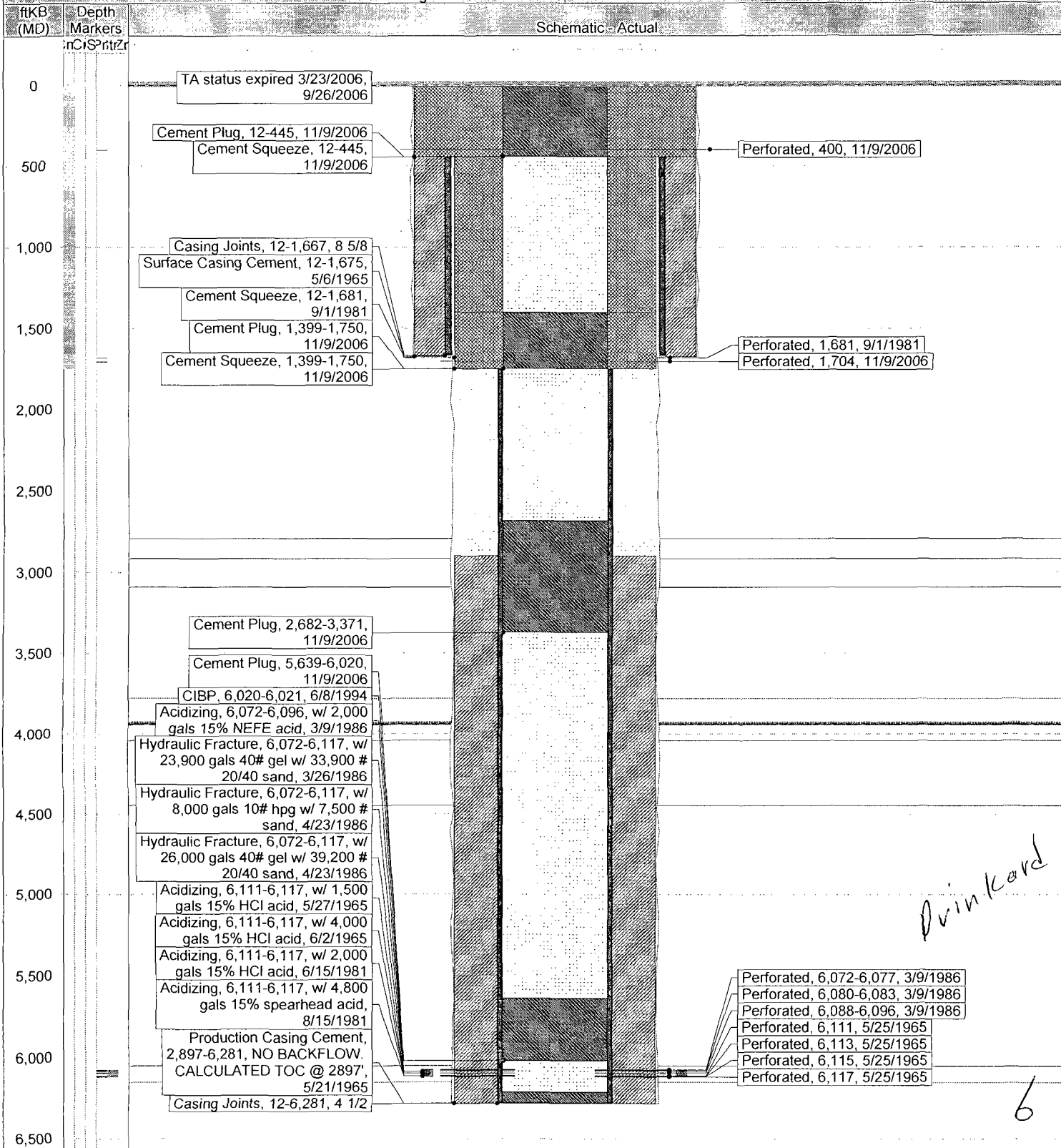
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VACUUM GLORIETA EAST UNIT 028-01

District PERMIAN	Field Name VACUUM	API / UWI 300252138300	County LEA	State/Province NEW MEXICO
Original Spud Date 5/3/1965	Surface Legal Location Sec. 34, T-17S, R-35E	East/West Distance (ft) 330.00	East/West Reference W	North/South Distance (ft) 2,310.00
				North/South Reference N

Well Config: Vertical - Main Hole, 10/6/2009 2:07:12 PM

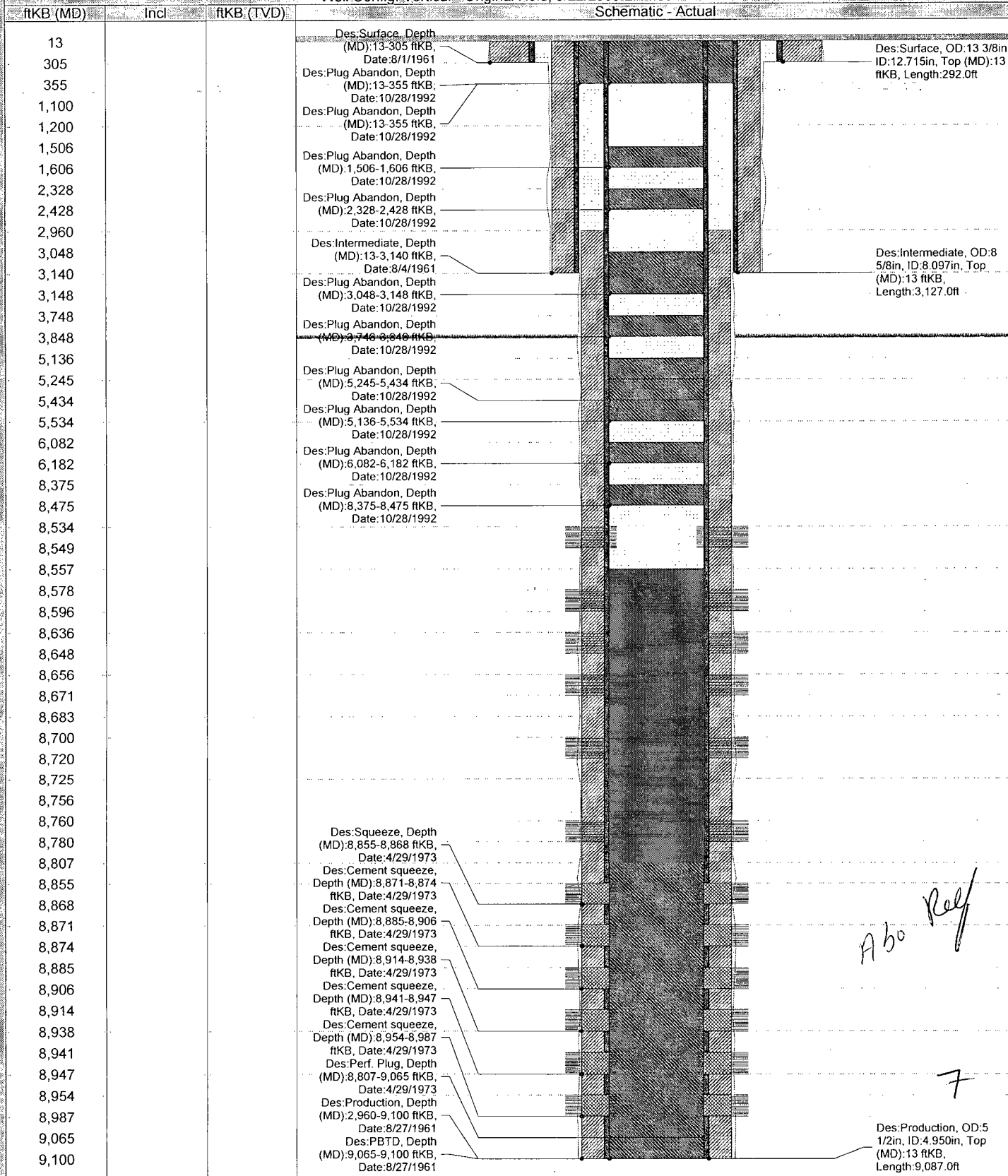


CURRENT SCHEMATIC

VACUUM ABO UNIT 010-007

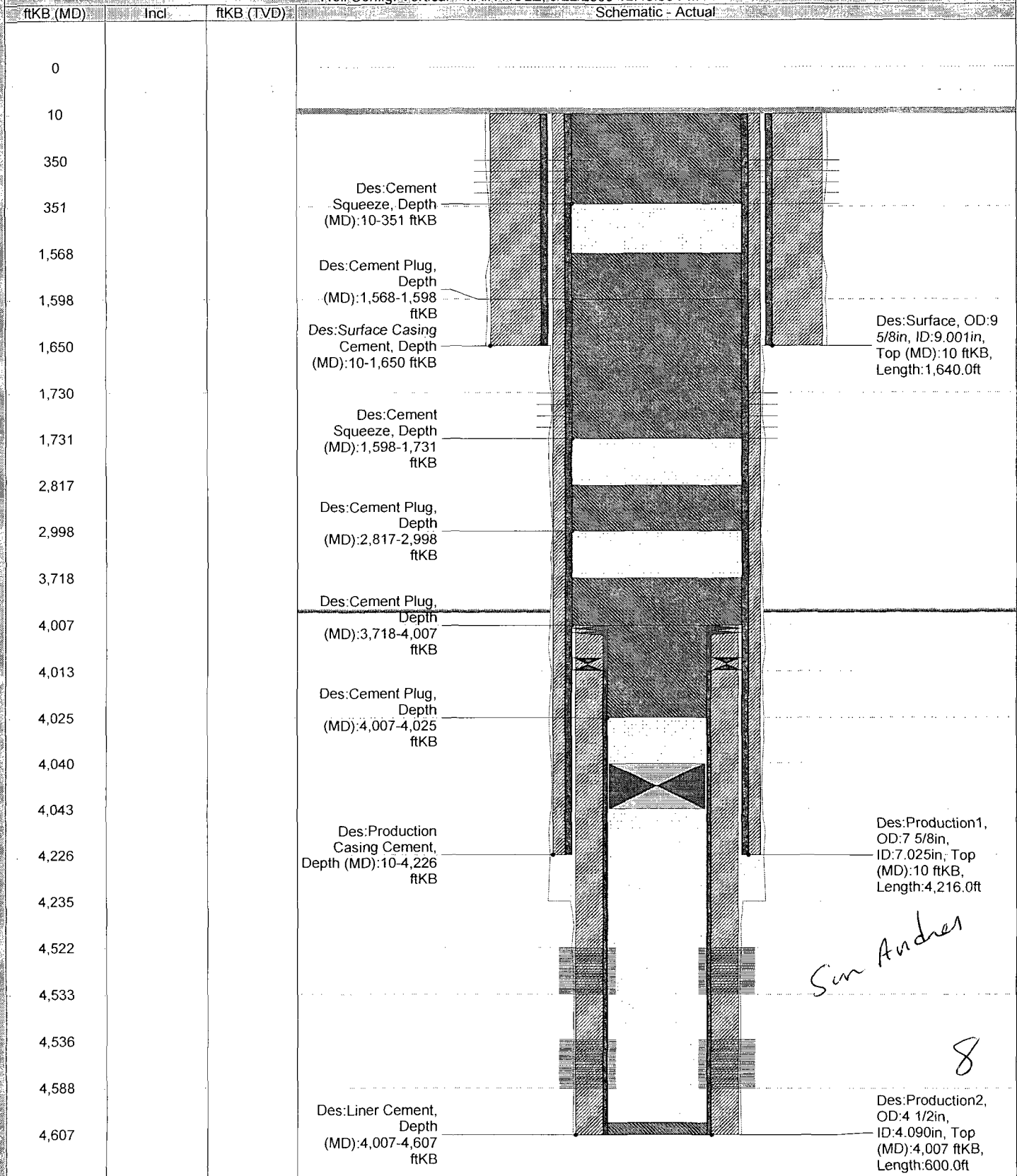
District PERMIAN	Field Name VACUUM	API / UWI 300250301300	County LEA	State/Province NEW MEXICO
Original Spud Date 8/1/1961	Surface Legal Location Sec. 34, Twp. 17S, Rge. 34E	E/W Dist (ft) 1,650.00	E/W Ref FWL	N/S Dist (ft) 1,980.00
				N/S Ref FSL

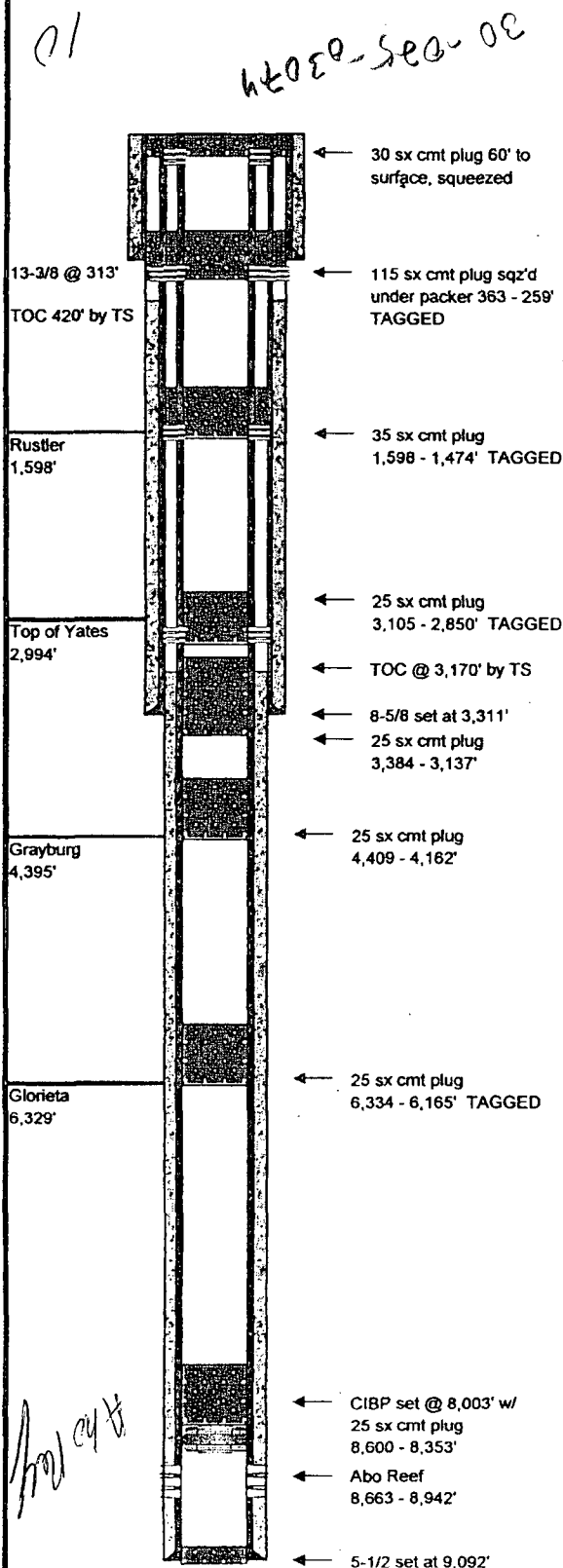
Well Config: Vertical - Original Hole, 9/22/2009 2:44:59 PM



District PERMIAN	Field Name DISTRICT - E. VACUUM SUB-D	API / UWI 300250300100	County LEA	State/Province NEW MEXICO
Original Spud Date 3/24/1939	Surface Legal Location Sec. 28, T-17S, R-35E	E/W Dist (ft) 1,980.00	E/W Ref E	N/S Dist (ft) 1,980.00
			N/S Ref N	

Well Config: Vertical - MAIN HOLE, 9/22/2009 12:48:55 PM





Field Name:	Vacuum Abo Reef		
County:	Lea	Well Type:	
State:	New Mexico	Depth:	9,100
RRC District:		Drilling Commenced:	September 15, 1961
Section:	5	Drilling Completed:	October 21, 1961
Block:		Date Well Plugged:	December 12, 2003
Survey:	T18S; R35E	Longitude:	
Unit P, 990 FSL & 990 FEL		Latitude:	
		Freshwater Depths:	
API #:	30-025-03074		
Lease or ID:	E-3140		

Casing					
Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8	313	Surface	375	17
Intermediate:	8-5/8	3,311	420	1400	11
Production:	5-1/2	9,092	3,170	679	7-7/8

Existing Plugs					
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)	
1 CIBP w/ 25 sx C cmt	8,500	8,613	25	33	
2 class C cement, balanced	6,165 (tag'd)	6,334	25	33	
3 class C cement, balanced	4,162	4,409	25	33	
4 class C cement, balanced	3,137	3,384	25	33	
5 class C cement, balanced	2,850 (tag'd)	3,105	25	33	
6 class C cmt, perf & sqz w/ packer	1,474 (tag'd)	1,598	35	46	
7 class C cmt, perf & sqz w/ packer	259 (tag'd)	363	115	152	
8 class C cmt, perf & sqz w/ packer	surface	60	30	40	

Perforations			
Formation	Top (feet)	Depth (feet)	
Abo Reef	8,663	8,942	

Formations		
Name	Top of Formation	
Rustler	1,598	
Top of Yates	2,994	
Grayburg	4,395	
Glorieta	6,329	

Comments

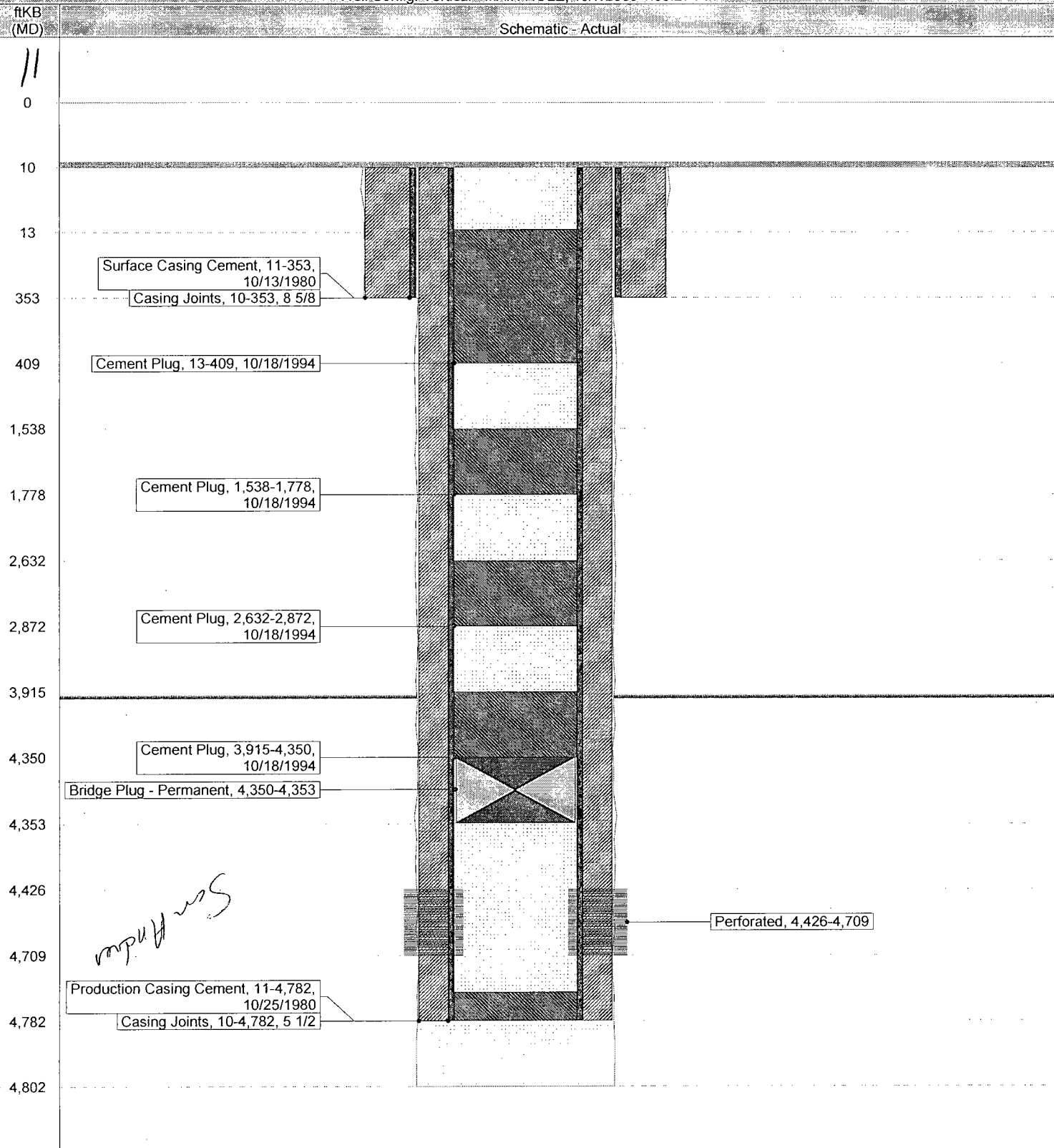
MIRU plugging crew 12/08/03. Plug #1 pumped in three 25 sk plugs, unable to tag cmt, set CIBP. Perforated at 3,050' for plug #5, unable to squeeze at 1,500 psi, pumped balanced plug.

Prepared By: Jim Newman
Date: December 19, 2003

TRIPLE N
SERVICES INC.
MIDLAND, TX

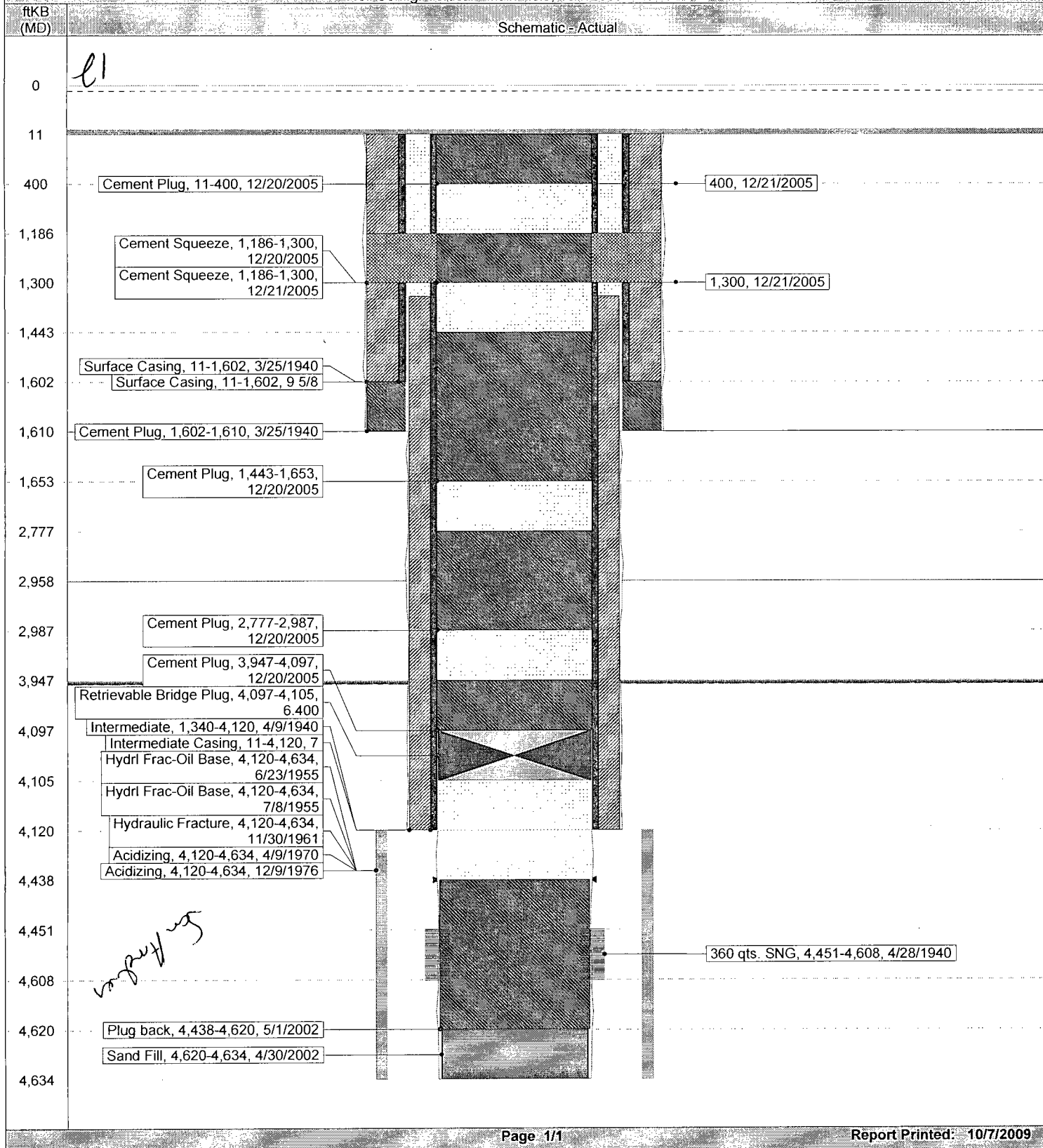
District PERMIAN	Field Name DISTRICT - E. VACUUM SUB-D	API / UWI 300252692800	County LEA	State/Province NEW MEXICO
Original Spud Date 10/13/1980	Surface Legal Location Sec. 4, T-18S, R-35E	East/West Distance (ft) 90.00	East/West Reference W	North/South Distance (ft) 980.00
		North/South Reference N		

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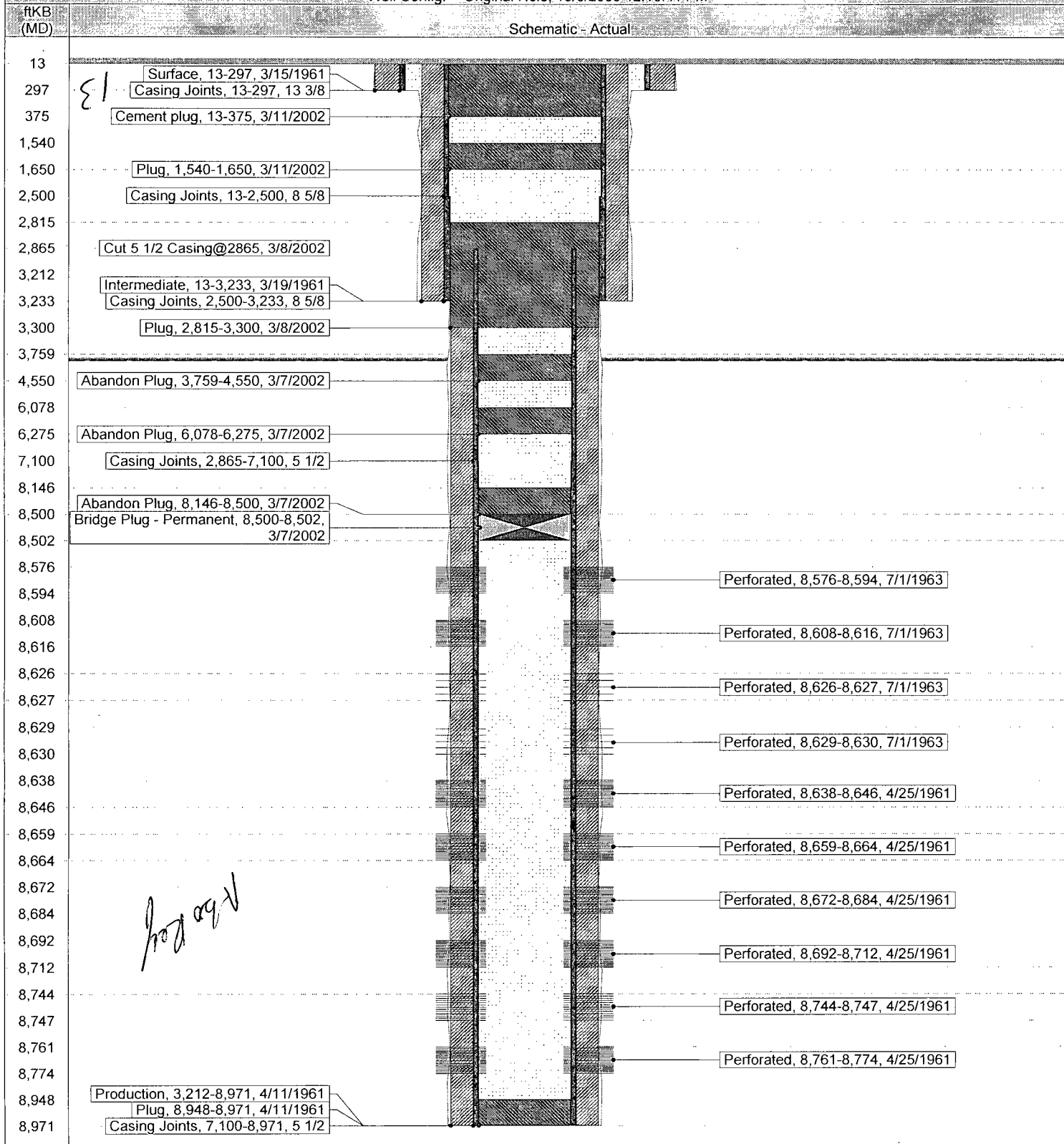
District PERMIAN	Field Name DISTRICT - E. VACUUM SUB-D	API / UWI 300250304100	County LEA	State/Province NEW MEXICO
Original Spud Date 3/20/1940	Surface Legal Location Sec. 4, T-18S, R-35E	East/West Distance (ft) 660.00	East/West Reference W	North/South Distance (ft) 660.00
				North/South Reference N

Well Config: Vertical - Main Hole 10/7/2009 12:31:45 PM



District PERMIAN	Field Name VACUUM	API / UWI 300250306900	County LEA	State/Province NEW MEXICO	
Original Spud Date 3/15/1961	Surface Legal Location SEC. 5, T18S, R35E	East/West Distance (ft) 1,980.00	East/West Reference FEL	North/South Distance (ft) 2,080.00	North/South Reference FNL

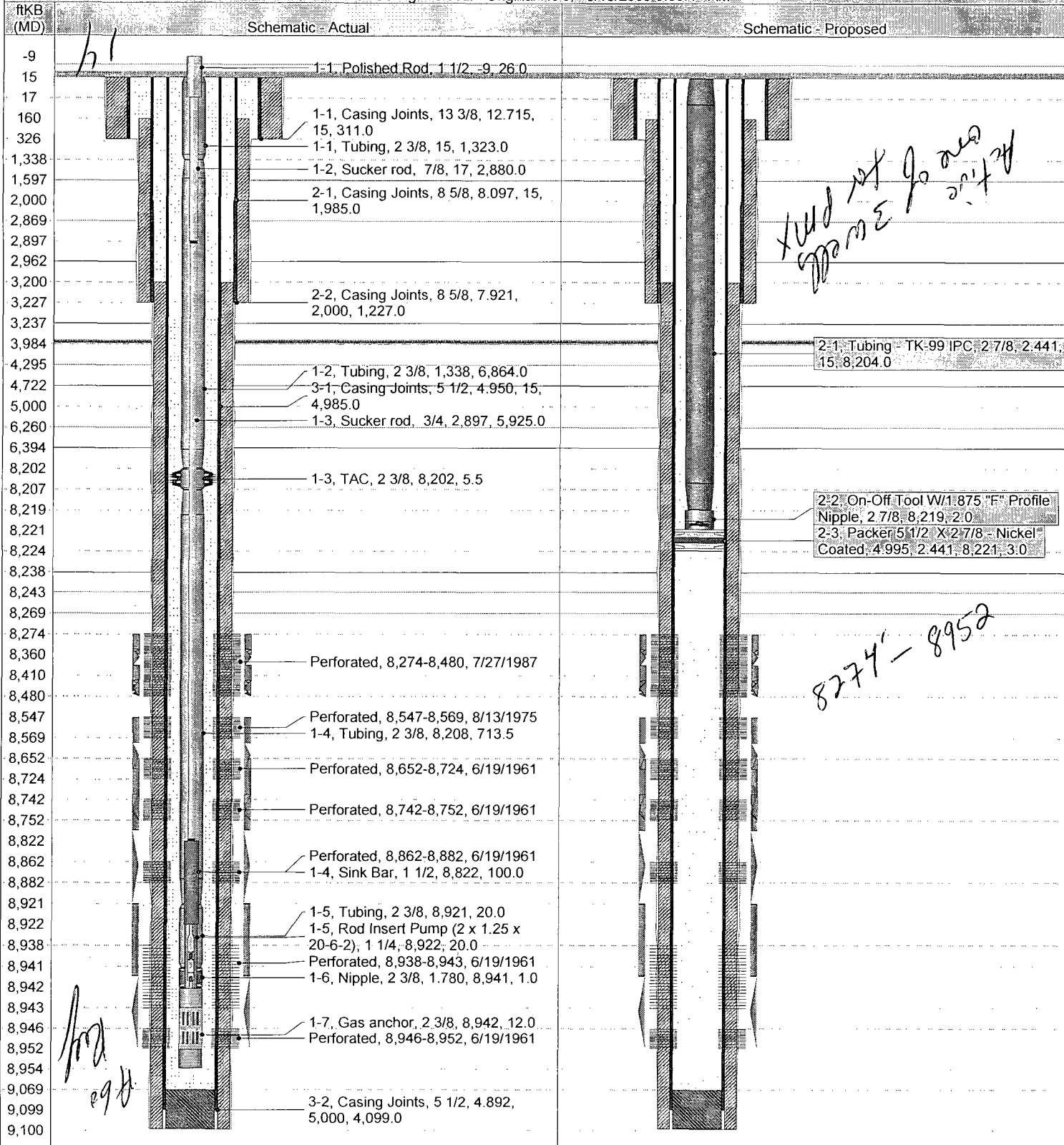
Well Config: - Original Hole, 10/8/2009 12:16:41 PM



Schematic - Current
VACUUM ABO UNIT 013-013

District PERMIAN	Field Name VACUUM	API / UWI 300250307100	County LEA	State/Province NEW MEXICO
Original Spud Date 5/21/1961	Surface Legal Location Sec. 5, T18S, R35E	East/West Distance (ft) 660.00	East/West Reference FEL	North/South Distance (ft) 2,310.00
				North/South Reference FSL

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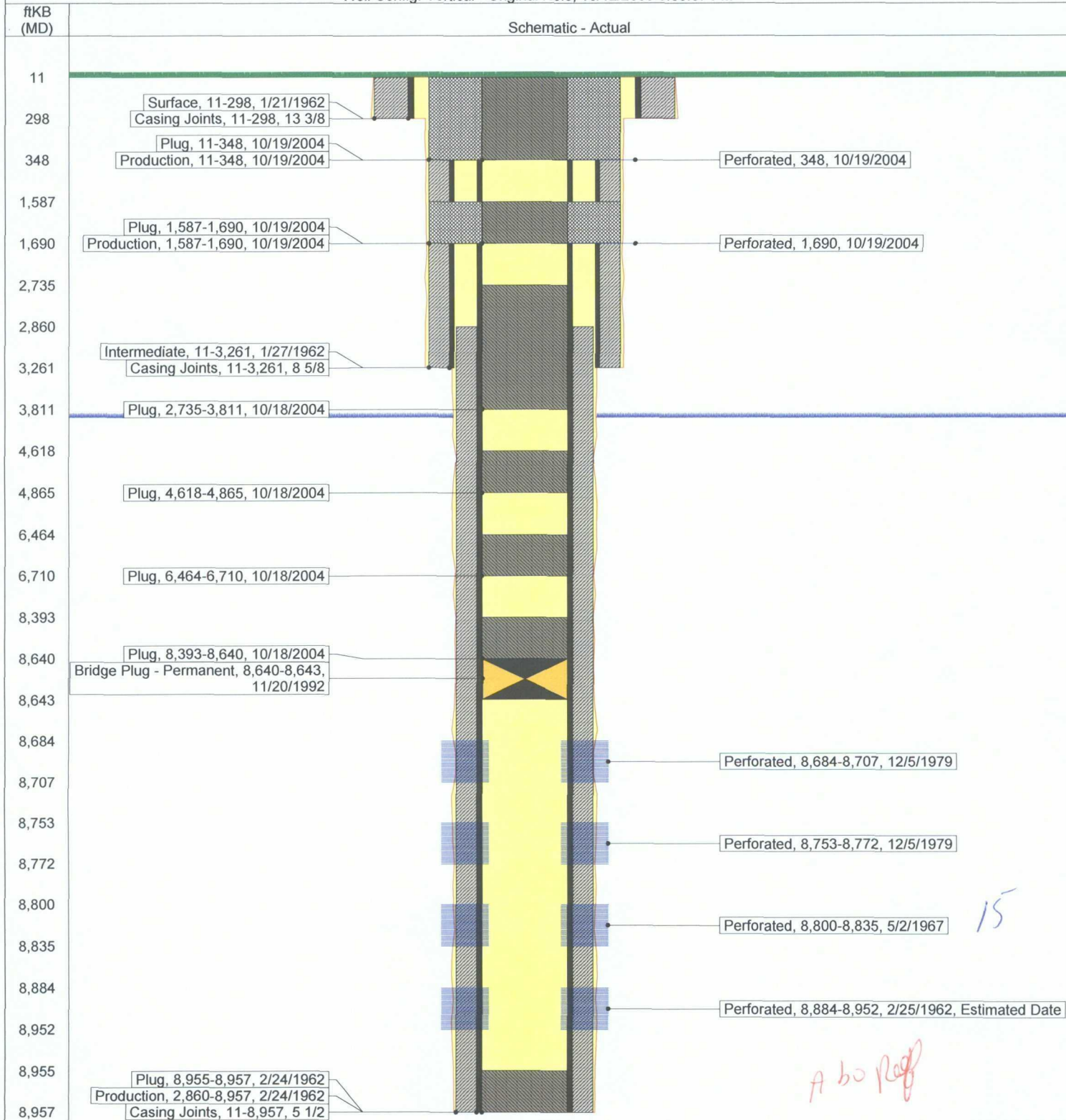


Schematic - Current

VACUUM ABO UNIT 015-002

District PERMIAN	Field Name VACUUM	API / UWI 300250310900	County LEA	State/Province NEW MEXICO	
Original Spud Date 1/21/1962	Surface Legal Location SEC. 8, T18S, R35E	East/West Distance (ft) 1,650.00	East/West Reference FWL	North/South Distance (ft) 330.00	North/South Reference FNL

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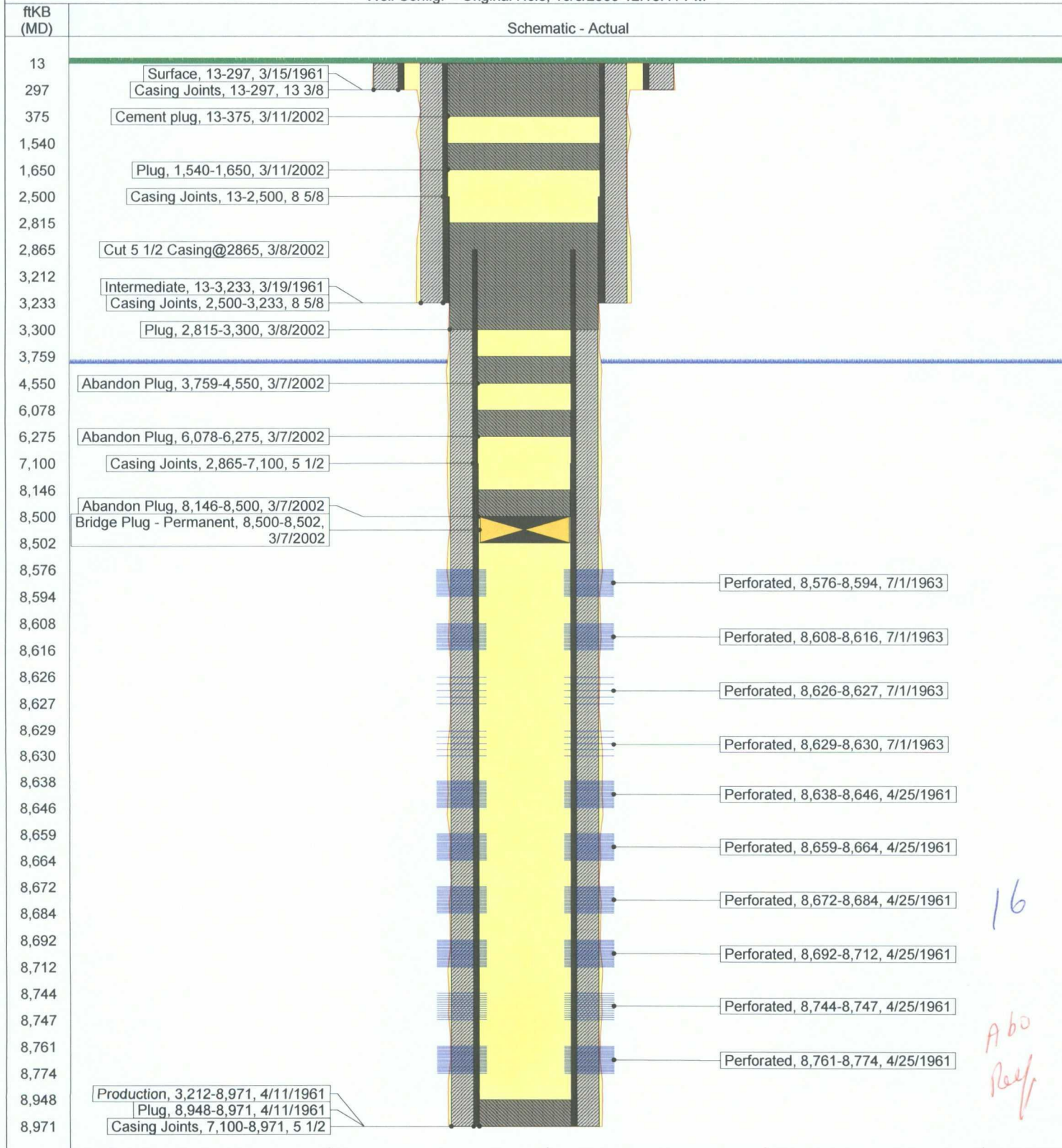




Schematic - Current
VACUUM ABO UNIT 013-007W

District PERMIAN	Field Name VACUUM	API / UWI 300250306900	County LEA	State/Province NEW MEXICO	
Original Spud Date 3/15/1961	Surface Legal Location SEC. 5, T18S, R35E	East/West Distance (ft) 1,980.00	East/West Reference FEL	North/South Distance (ft) 2,080.00	North/South Reference FNL

Well Config: - Original Hole, 10/8/2009 12:16:41 PM

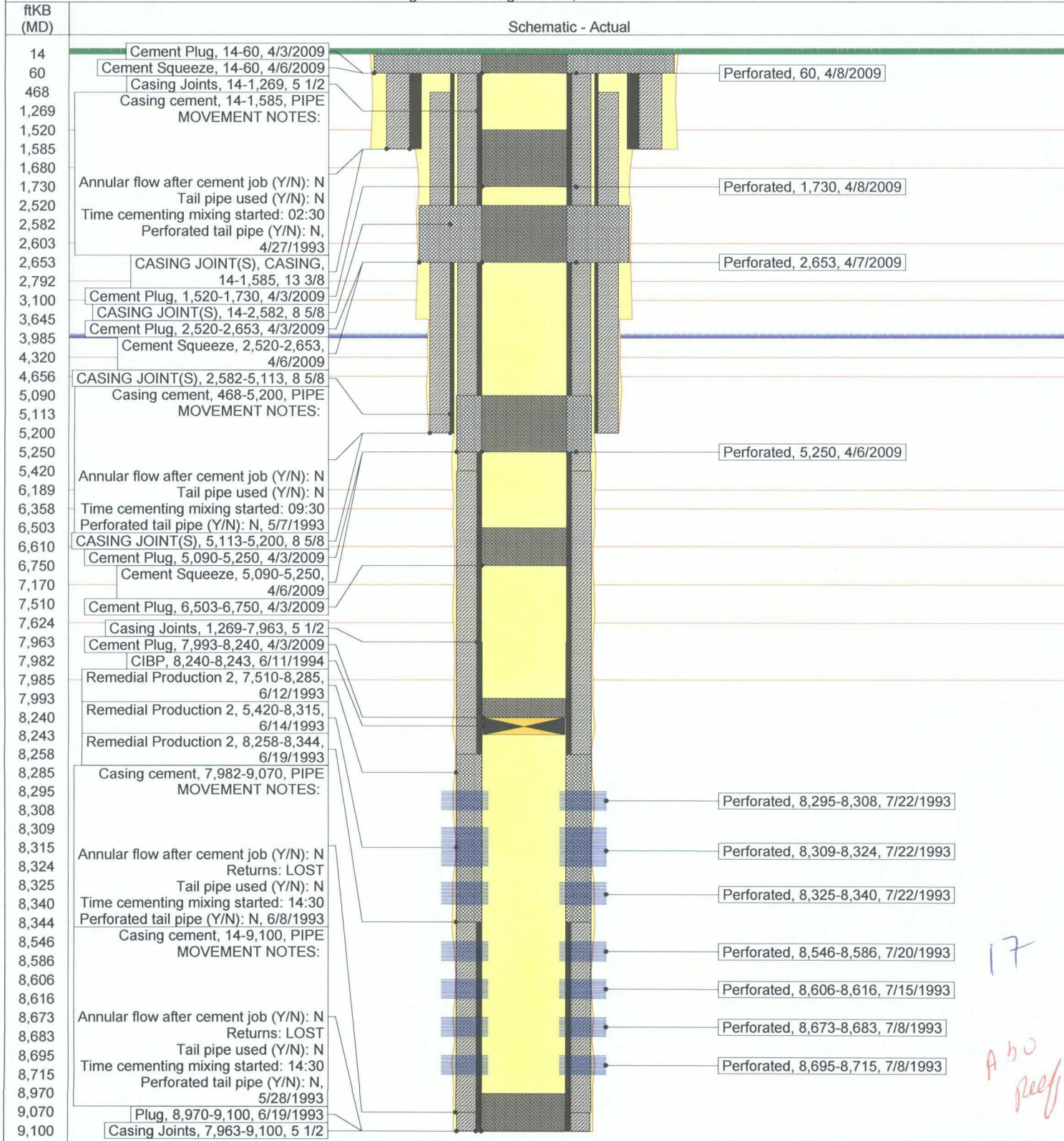


Schematic - Current

VACUUM ABO UNIT 014-005

District PERMIAN	Field Name VACUUM	API / UWI 300253190300	County LEA	State/Province NEW MEXICO
Original Spud Date 4/17/1993	Surface Legal Location SEC. 5, T18S, R35E, UL L	East/West Distance (ft) 430.00	East/West Reference FWL	North/South Distance (ft) 1,475.00
				North/South Reference FSL

Well Config: Vertical - Original Hole, 10/12/2009 1:33:01 PM

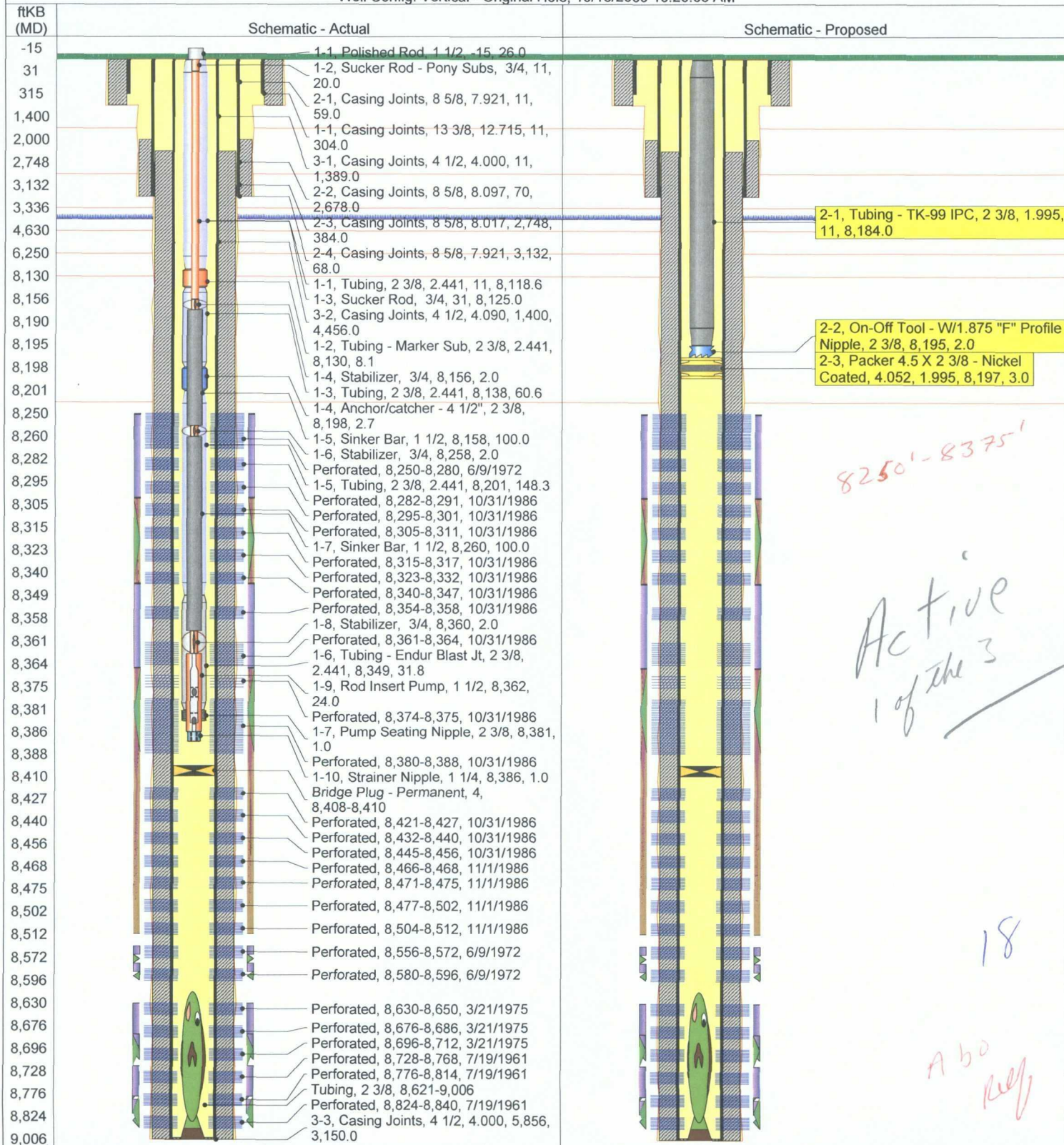


Schematic - Current

VACUUM ABO UNIT 014-001

District PERMIAN	Field Name VACUUM	API / UWI 300250306300	County LEA	State/Province NEW MEXICO
Original Spud Date 6/18/1961	Surface Legal Location SEC. 5, T18S, R35E, UL K	East/West Distance (ft) 1,980.00	East/West Reference FWL	North/South Distance (ft) 1,980.00
				North/South Reference FSL

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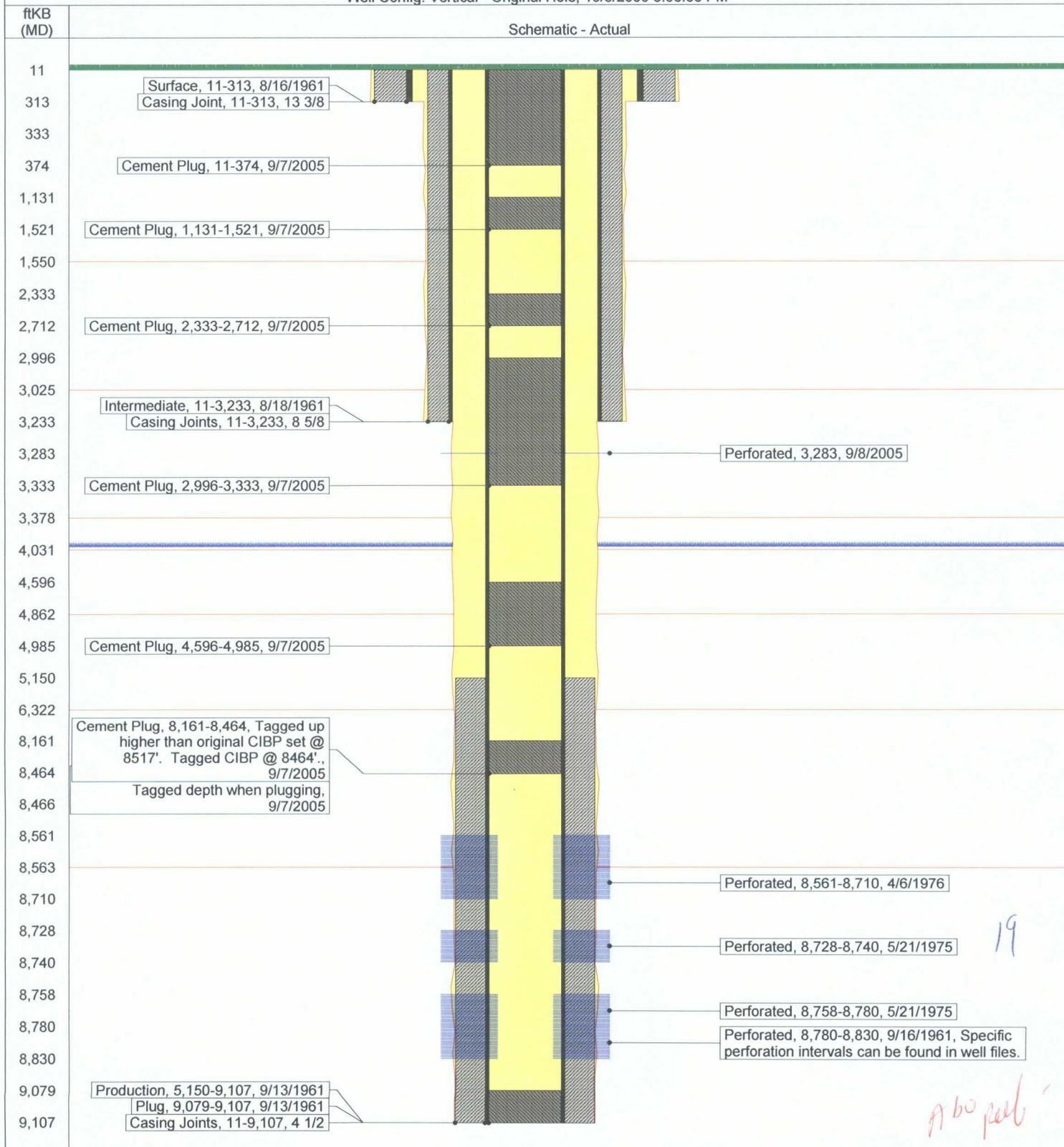


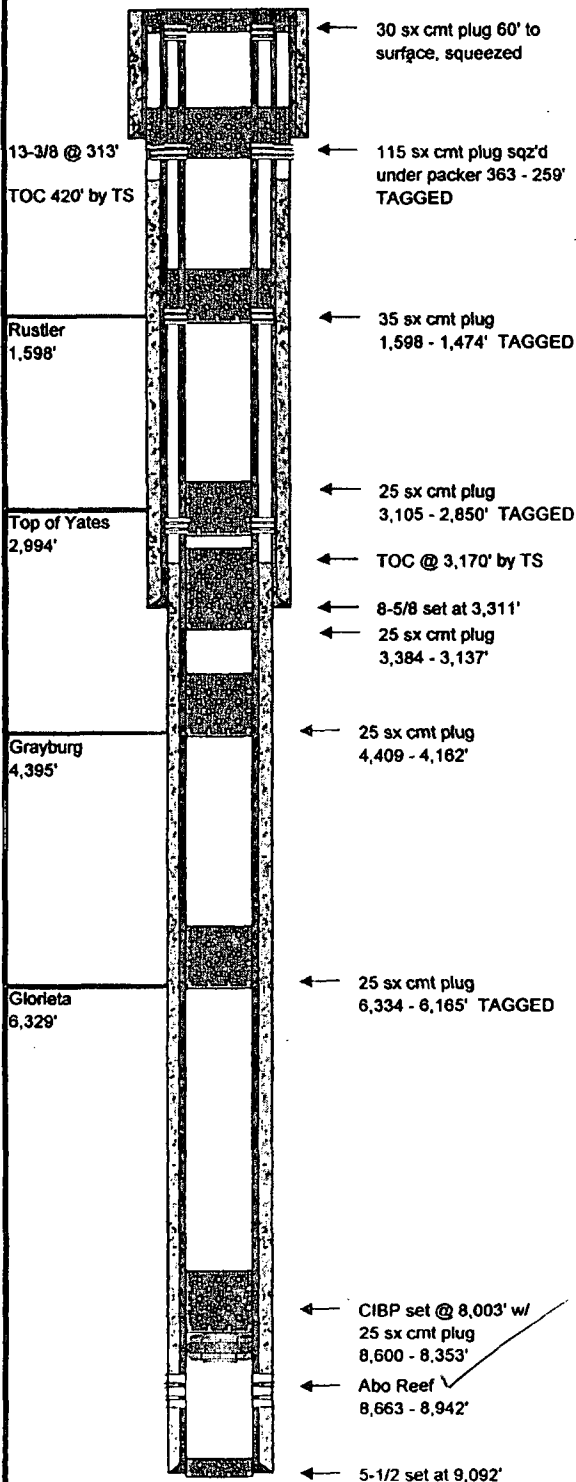


Schematic - Current
VACUUM ABO UNIT 014-003

District PERMIAN	Field Name VACUUM	API / UWI 300250306500	County LEA	State/Province NEW MEXICO	
Original Spud Date 8/16/1961	Surface Legal Location SEC. 5, T-17-S, R-35-E	East/West Distance (ft) 1,980.00	East/West Reference FWL	North/South Distance (ft) 660.00	North/South Reference FSL

Well Config: Vertical - Original Hole, 10/8/2009 3:58:58 PM





Field Name:	Vacuum Abo Reef		
County:	Lea	Well Type:	
State:	New Mexico	Depth:	9,100
RRC District:		Drilling Commenced:	September 15, 1961
Section:	5	Drilling Completed:	October 21, 1961
Block:		Date Well Plugged:	December 12, 2003
Survey:	T18S; R35E	Longitude:	
Unit P, 990 FSL & 990 FEL		Latitude:	
		Freshwater Depths:	
API #:	30-025-03074		
Lease or ID:	E-3140		

Casing					
Description	Size (inches)	Depth (feet)	TOC (feet)	Cement (sacks)	Hole Size (inches)
Surface:	13-3/8	313	Surface	375	17
Intermediate:	8-5/8	3,311	420	1400	11
Production:	5-1/2	9,092	3,170	679	7-7/8

Existing Plugs					
Description	Top (feet)	Depth (feet)	Volume (sacks)	Volume (cu ft)	
1 CIBP w/ 25 sx C cmt	8,500	8,613	25	33	
2 class C cement, balanced	6,165 (tag'd)	6,334	25	33	
3 class C cement, balanced	4,162	4,409	25	33	
4 class C cement, balanced	3,137	3,384	25	33	
5 class C cement, balanced	2,850 (tag'd)	3,105	25	33	
6 class C cmt, perf & sqz w/ packer	1,474 (tag'd)	1,598	35	46	
7 class C cmt, perf & sqz w/ packer	259 (tag'd)	363	115	152	
8 class C cmt, perf & sqz w/ packer	surface	60	30	40	

Perforations			
Formation	Top (feet)	Depth (feet)	
Abo Reef	8,663	8,942	

Formations		
Name	Top of Formation	
Rustler	1,598	
Top of Yates	2,994	
Grayburg	4,395	
Glorieta	6,329	

Comments
MIRU plugging crew 12/08/03. Plug #1 pumped in three 25 sk plugs, unable to tag cmt, set CIBP. Perforated at 3,050' for plug #5, unable to squeeze at 1,500 psi, pumped balanced plug.

Prepared By: Jim Newman
Date: December 19, 2003

TRIPLE N
SERVICES INC.
MIDLAND, TX

PLUGGED WELLBORE SKETCH

ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations

Date May 30, 2008

RKB @ 3969'
DF @ 3968'
GL @ 3959'

Subarea
Lease & Well No
Legal Description
County
Field
Date Spudded
API Number
Status
Drilled as Shell State "VAA" No. 5

Buckeye
East Vacuum GB/SA Unit, Tract 0577, Well 005
2310' FSL & 330' FWL, Sec 5, T18S, R35E, NMPM Survey,
Lea State New Mexico
Vacuum (Grayburg-San Andres)
6/25/63 Rig Released. 7/13/63
30-025-20363
PLUGGED 05/27/08
State Lease No. E-6504

11" Hole
7-5/8" 24# H-40 @ 325'
Cmt'd w/250 sx, circ 25 sx to surface

Perf/sqz'd 90 sx C cmt 375' - surface

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
4701-4711	7/16/63	Perforate 4701-4711 w/1 JSPF					
	7/17/63	15% NEA	3,000	Ball sealer: 3000	1750	4 0	
	7/19/63	Set BP @ 4684'					
	7/19/63	Perforate 1 JSPF 4633, 4634, 4637, 4645, 4646, 4649, 4650, 4652, 4659 and 4661 (10 HOLES)					
4633-4661	7/19/63	15% NEA	2,000		2250	1600	4 8
	7/22/63	Pull BP @ 4684'					
4633-4711	9/12/63	Lease Crude	20,000	30,000	3500	2200	17 5
4633-4711	10/26/71	Gelled Brine Wtr	38,000	49,000	4100	1700	38 0
	2/27/73	Pmp 300 gals NEA down casing					
	9/20/77	Perforate 4640, 4665, 4671, 4675, 4681, 4714, 4723 & 4727					
4640-4727	9/20/77	Acid	5,500	66 BS		0	8 5
	12/22/05	Scan tubing, hang well on					

Perf/sqz'd 40 sx C cmt 1,507 - 1,340' Tagged
Top of Salt @ +/- 1507'

Base Salt @ +/- 2935'
TOC 4-1/2" Csg @ 2950' (Calc.)

25 sx C cmt 3,088 - 2,740 Tagged
Perf'd @ 3,035', unable to sqz @ 1,800 psi,
Maxi Brown w/ OCD ok'd balanced plug

25 sx C cmt 4,570 - 4,200'
tagged PBTD & circulated plugging mud

4633 4634 4637
4640 4645 4646
4649 4650 4652 4659 4661
4665 4671 4675 4681
4701' - 4711'
4714 4723 4727

7-7/8" Hole
4-1/2" 11.6# J-55 @ 4790'
Cmt'd w/400 sx
TOC @ 2950' (Calc.)

PBTD 4760'
TD 4794'

Prepared by
Triple N Services



Plugs set 5/23/08 - 5/27/08

- 1) Circulated plugging mud from PBTD
- 2) 25 sx C cmt 4,570 - 4,200'
- 3) Perforated @ 3,035', unable to squeeze @ 1,800 psi
- 4) 25 sx C cmt 3,088 - 2,740' TAGGED
- 5) Perf/sqz'd 40 sx C cmt 1,507 - 1,340' TAGGED
- 6) Perf/sqz'd 90 sx C cmt 375' - surface

Capacities

4-1/2" 11 6# csg	11 459 ft/ft3	0 0872 ft3/ft
	64 340 ft/bbl	0 0155 bbl/ft
7-5/8" 24# csg	3 715 ft/ft3	0 2691 ft3/ft
	20 860 ft/bbl	0 0479 bbl/ft
7-7/8" openhole	2 957 ft/ft3	0 3382 ft3/ft
	16 599 ft/bbl	0 0602 bbl/ft

Formation Tops:

Rustler 1507'
Yates 2935'
7 Rivers 3274'
Queen 3896'
San Andres 4629'

05-30-08