

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM10186

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
89101157008. Well Name and No.  
WDDU 919. API Well No.  
30-025-24035-00-S110. Field and Pool or Exploratory Area  
DOLLARHIDE11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
CHEVRON USA INCORPORATED

Contact: HOWIE LUCAS

E-Mail: howie.lucas@chevron.com

3a. Address

6301 DEAUVILLE BLVD  
MIDLAND, TX 79706

3b. Phone No. (include area code)

Ph: 832-588-4044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 31 T24S R38E SENE 1980FNL 990FEL

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Sta☐ Reclamation☐ Recomplete☐ Temporarily A☐ Water Dispos.INT TO PA Pm  
P&A NR \_\_\_\_\_  
P&A R \_\_\_\_\_

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Please see attachments.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #386499 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by MUSTAFA HAQUE on 10/05/2017 (18MH0005SE)

Name (Printed/Typed) HOWIE LUCAS

Title ENGINEER

Signature (Electronic Submission)

Date 08/28/2017

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ZOTA STEVENS

Title PETROLEUM ENGINEER

Date 10/16/2017

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

FOR RECORD ONLY  
MW/OCD 10/24/2017

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**



Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

**ZS 10162017**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5 Lease Serial No.  
NMNM10186

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No.

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No  
West Dollarhide Drinkard Unit 91

2 Name of Operator  
CHEVRON USA INC

9. API Well No  
30-025-24035

3a Address  
6301 DEAUVILLE BLVD RM N3007  
MIDLAND TX 79706

3b. Phone No. (include area code)  
832-588-4044

10 Field and Pool or Exploratory Area  
Dollarhide Tubb; Drinkard

4 Location of Well (Footage, Sec. T. R. M., or Survey Description)  
Unit H SEC 31 T24S R38E Mer NMP SENE 1 980' FNL & 990' FEL

11 Country or Parish, State  
Lea County, NM

**12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

13-3/8" 68# @ 605' TOC surface, 9-5/8" 40# 3,814' TOC 1,180', 7" 23# @ 8,980' TOC 4,824', 4-1/2" 9.5# 3,500'-8,500' TOC 3,500'. Perfs 6,387'-6,475', 6,546'-6,692', 7,149'-7,344', 7,520'-7,530' (squeezed), 8,507'-8,714' (squeezed), CIBP 6,835' w/ 35' cmt cap, CIGR 8,020' w/ 23' cmt cap, 60 sx plug f/ 9,000'-9,162', 50 sx plug f/ 9,808'-9,894', PBTD 6,800, TD 10,275'.

Chevron respectfully requests to abandon this well as follows:

1. Notify BLM 24 hrs. prior to starting work (575) 234-5909
2. MIRU, NDWH, NU BOPE, POOH w/ tubing and rods.
3. Tag CIBP cement cap at 6,800', spot 20' sx CL "C" cement f/ 6,800' t/ 6,600' **25SKS 140L & TAG**
4. Set CIBP at 6,350', circulate 9.5 ppg salt gel, spot 20' sx CL "C" cement f/ 6,350' t/ 6,150', WOC, tag, & test. **25SK**
5. Spot 20' sx CL "C" cement f/ 5,980' t/ 5,780' (Tubb);
6. Perf @ 4,000' and sqz 215 sx CL "C" cement from 3,450'-4,000', WOC & tag (San Andres, Queen, Shoe, TOL).
7. Spot 40 sx CL "C" cement f/ 2,725' t/ 2,525', WOC & tag (Yates, B-Salt)
8. Spot 40 sx CL "C" cement f/ 1,350' t/ 1,150' (T. Salt) **WOC and TAG**
9. Perf @ 655' and sqz 350 sx CL "C" cement f/ Surface t/ 655' (FW, Shoe)
10. Cut off wellhead 3' below grade, Verify Cement To Surface, install required dry hole marker as per COA's, turn over to reclamation.

All cement plugs will be class "C" with a closed loop system used

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)  
Howie Lucas

Title Project Engineer

Signature

Date 08/28/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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Office

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(Instructions on page 2)



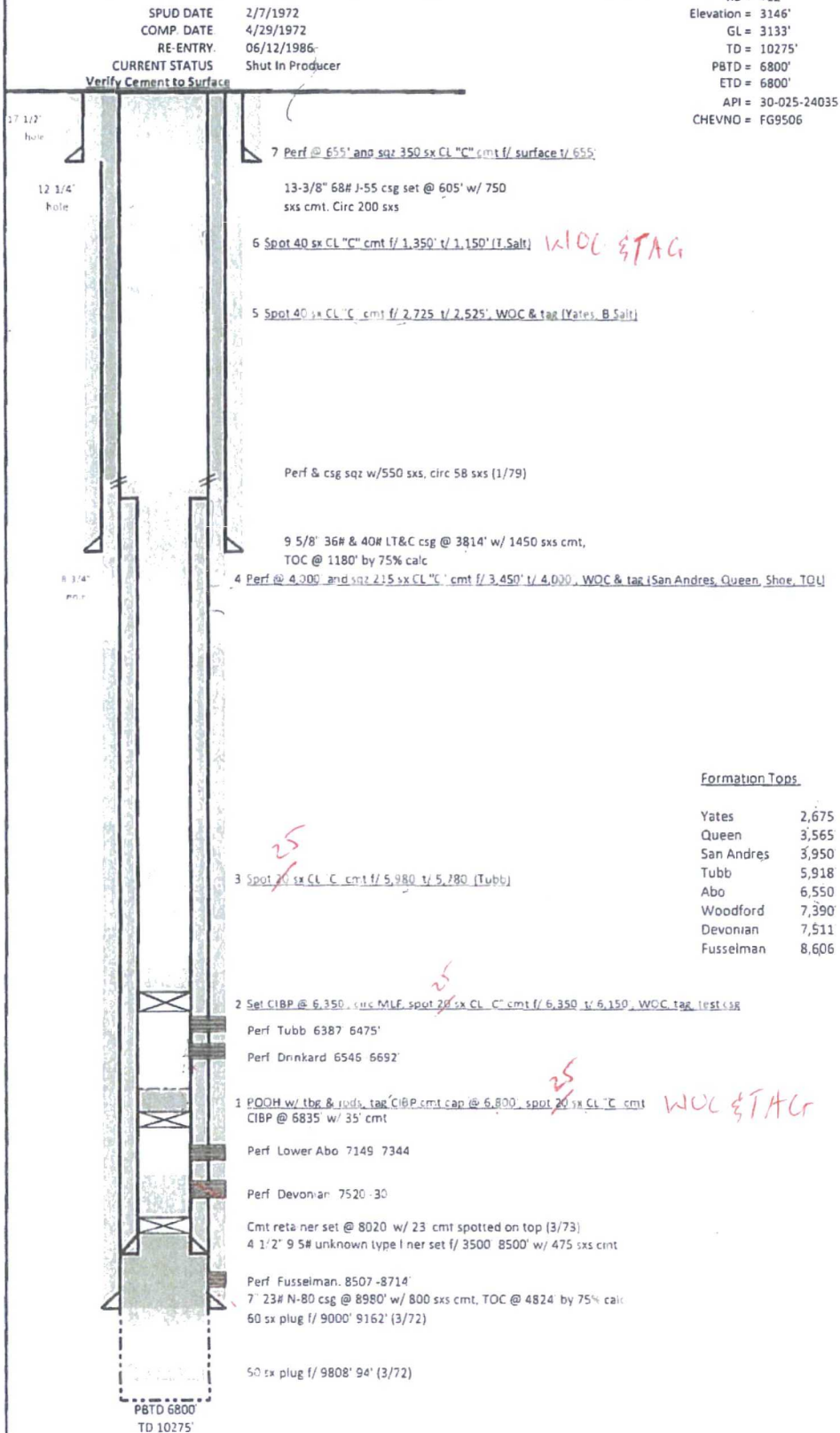
# **Proposed WBD - WDDU #91**

Location: 1980' FNL & 990' FEL, Sec. 31, Township 24S, Range 38E, Lea County, NM

Previous Well Name: Elliot Federal '31' #3

TEAM:  
FIELD: Dollarhide (WDDU)  
LEASE/UNIT: West Dollarhide Drinkard Unit  
COUNTY: Lea

DATE CHKD: 8/28/2017  
BY: Howie Lucas  
WELL: #91  
STATE: New Mexico



## Formation Tops

Yates	2,675
Queen	3,565
San Andres	3,950
Tubb	5,918
Abo	6,550
Woodford	7,390
Devonian	7,511
Fusselman	8,606

8/28/2017

# Current WBD - WDDU #91

Location: 1980' FNL & 990' FEL, Sec. 31, Township 24S, Range 38E, Lea County, NM

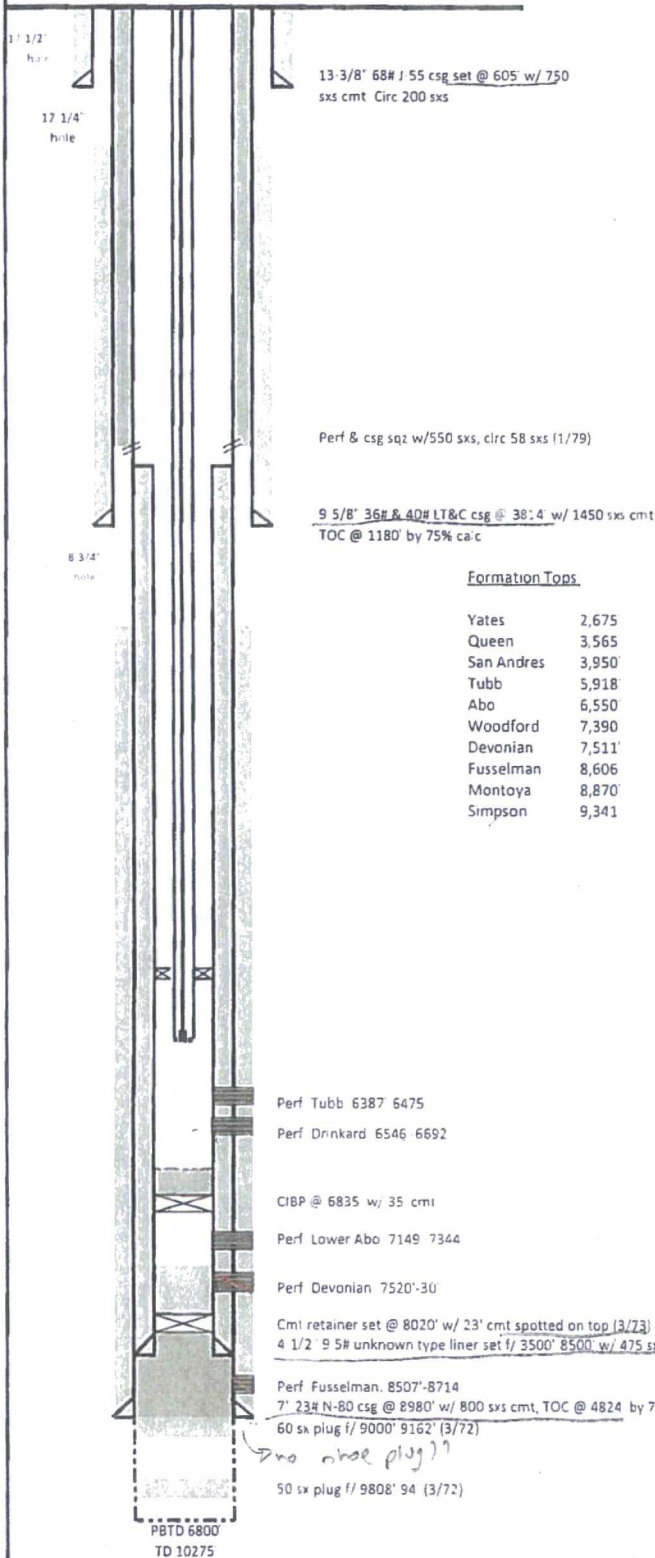
Previous Well Name: Elliot Federal 31' #3

TEAM:  
FIELD: Dollarhide (WDDU)  
LEASE/UNIT: West Dollarhide Drinkard Unit  
COUNTY: Lea

DATE CHKD: 8/28/2017  
BY: Howie Lucas  
WELL: #91  
STATE: New Mexico

SPUD DATE: 2/7/1972  
COMP DATE: 4/29/1972  
RE ENTRY: 06/12/1986  
CURRENT STATUS: Shut in Producer

KB = +12'  
Elevation = 3146'  
GL = 3133'  
TD = 10275'  
PBDT = 6800'  
ETD = 6800'  
API = 30-025 24035  
CHEVNO = FG9506



## History:

3/72 Well TD: Well TD @ 10,275' - plug back to Fus w/spot 50 sxs plug from 9904' to 9,809' and 60 sxs from 9,162 to 9,000' - L&T 1000#s - good.

4/72 Initial Comp: Perf 8507-8714' Acidize w/6000 gals 15% HCl in 3 stgs

5/72 Liner: Csg collapsed 4300'-4330' with water inflow. Ran 6 1/4" csg roller then 4 1/2" liner from 3500'-8500' & cmt w/475 sxs DO to TD

Tested liner @2500# for 30 min - held.

3/73 Plug Back: Set cmt ret @ 8020', pumped 200 sxs class "H" cmt into Fus Perfs. Dump bail 23' cmt on ret PBDT 7997' Perf Dev 7520'-7530' w/ 20 shots. Acidize w/1500 gals 15%.

1/79 Csg Repair: Set RBP @ 7214', Perf csg @ 3465', set cmt ret @ 3380' sqz 550 sxs cmt in 2 stgs, circ out 58 sxs. DO cmt 3363 to cmt ret & 3386'-3475' @ liner top. PU 3 7/8" bit and CO cmt stringers 3475'-3815', CO to 7212'

6/82 Plug and Abandon: Set cmt retainer 3400' and pump 325 sxs, spot 35' on top of ret. Spot 25 sxs 2682'-2582', 25 sxs 623'-523' and 10 sxs 50'-surf - no csg recovered.

5/86 Re-entry to well: Renamed WDDU 91, DO to 6800' perf 6387-6475' 2 JSPI, 152 holes, acidize w/8000 gal NEFE 15% & 228 BS. Perf 6546'-6692' 2 JSPI, 152 holes acidize w/175000 gal NEFE 15% & 228 BS

5/94 Recomplete: RIH with bit & BHA to PBDT, DO to 7450', perf 7149'-7344' (Lower Abo), 120 holes, acidize w/5200 gal 20% NE-FE in 3 stgs w/100 BS & 2 1000# salt blocks, RTP.

11/96 PB & Acid: Set CIBP @ 6835' dump bail 35' cmt Set pkr @ 6520' & acidize Upper Abo w/5000 gal 15% HCl in 5 stgs with 500# blk salt between stg. Set RBP @ 6510' & pkr @ 6290' Scale sqz Drinkard perfs w/ 2 drums 793 & Acidize w/3000 gal 15% NE-FE using 140 BS RTP

Tubing Strings									
String	Depth	Size	Weight	Material	Notes	Depth	Size	Weight	Material
1	0-10275	13-3/8"	68#	155	Csg	0-10275	13-3/8"	68#	155
2	0-10275	9 5/8"	36#	40#	LT&C	0-10275	9 5/8"	36#	40#
3	0-10275	7 1/2"	23#	N-80	Csg	0-10275	7 1/2"	23#	N-80
4	0-10275	4 1/2"	9 5/8"	Unknown	Liner	0-10275	4 1/2"	9 5/8"	Unknown
5	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer
6	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer
7	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer
8	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer
9	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer
10	0-10275	3 7/8"	Bit	Stringer	3475'-3815'	0-10275	3 7/8"	Bit	Stringer

Rod Strings									
String	Depth	Size	Weight	Material	Notes	Depth	Size	Weight	Material
1	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
2	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
3	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
4	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
5	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
6	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
7	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
8	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
9	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel
10	0-10275	3/8"	11.2	Steel	Retainer	0-10275	3/8"	11.2	Steel

8/28/2017