Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

HOBBS OCD
MAR 22 2017
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-09916

5. Indicate Type of Lease
STATE ☐ FEE ☑

6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name
Northeast Drinkard Unit (NEDU) / 22503

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

8. Well Number 701

2. Name of Operator
Apache Corporation

9. OGRID Number
873

3. Address of Operator
303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

10. Pool name or Wildcat
Eunice; B-T-D, North (22900)

4. Well Location
Unit Letter L : 1980 feet from the South line and 660 feet from the West line
Section 15 Township 21S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3442' GL

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER: DEEPEN / RUN LINER / CTI	☑			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to deepen this well, run a liner and convert to injection in the Drinkard formation, per the attached.

Spud Date: 10/10/1947

Rig Release Date: 11/28/1947

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

SIGNATURE Reesa Fisher TITLE Sr. Staff Reg Analyst DATE 3/20/2017

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: (432) 818-1062

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 03/31/17

Conditions of Approval (if any):

NEDU 701: Deepen Well, Run Liner, and Convert Well to Injection in the Drinkard Formation

API: 32-025-09916

March 16, 2017

Day 0: Prior to start of workover: Schedule and install buried fiberglass injection line.

Day 1/2: MIRU. POOH and LD pump and rods. ND WH and NU BOPs. POOH and LD 2-3/8" production tubing.

Day 3: RIH w/ cone buster mill on 2-7/8" work string. Tag and mill loose CIBP @ 6646'. RU Foam N2 Unit as required. Continue milling/cleaning out well to TD 6654'. POOH and LD mill.

Day 4: PU 4-3/4" bit and RIH to drill out well to new TD of 6765' (+/- 100' below proposed bottom perf)

Day 5: Continue to Drill out well to new TD at +/- 6765'. Circulate wellbore clean and POOH and LD 2-7/8" work string and bit.

Day 6: RU casing crew and equipment and RIH with 4-1/2" 11.6 lb/ft flush joint casing with float collar and float shoe to +/- 6765'.

RU cement crew, perform single stage cement job to surface consisting of 300 bbl fresh water flush, 80 bbl stop loss spacer, and 179 sacks of TXI Lite cement + additives (weight 12.5 ppg, yield 1.64 cf/sack, volume 52.1 bbl), and 71 sacks of TXI Lite cement + additives (weight 13.2 ppg, yield 1.39 cf/sack, volume 17.4 bbl). Total 150% excess slurry of 69.5 bbl. Displace with 105 bbls fresh water (confirm all volumes).

Day 7: WOC

Day 8: RIH w/ 3-7/8" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6750'. Circulate clean. POOH

Day 9: MIRU WL and RIH w/ GR/CBL/CCL/CNL, log well from TD to surface, POOH

PU and RIH w/ 3-1/8" TAGs loaded with SDP charges and perforate the Drinkard @ 2 SPF, 90 deg phasing (estimated 70', 140 shots), POOH

PU and RIH w/ treating packer on 2-3/8" L-80 work string

Day 10: Cont. RIH w/ treating packer on 2-3/8" work string. Hydrotest tubing to 7500 psi while RIH. Set packer +/- 50' above top perf.

MIRU acid crew. Acidize the Drinkard w/10,000 gals 15% HCl while dropping RCN ball sealers (+/- 280 or 100% excess) at a rate of +/- 10 BPM. Max pressure 7500 psi

Note: Burst Pressure of 2-3/8" L-80 4# Tubing: 9840 psi

Note: 80% Burst Pressure of tubing: 7872 psi

Release packer. Run packer over perfs to knock balls off perfs. POOH

Day 11: PU and RIH with 4-1/2" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer +/- 50' above top perf. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" L-80 work string.

Day 12: PU & RIH w/2-3/8" IPC injection tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO.

Day 13: Perform MIT test for NM OCD. Perform bottom hole static pressure test. Place well on injection.

Current WBD (Page 1 of 3)

Apache

Downhole Well Profile w Cement

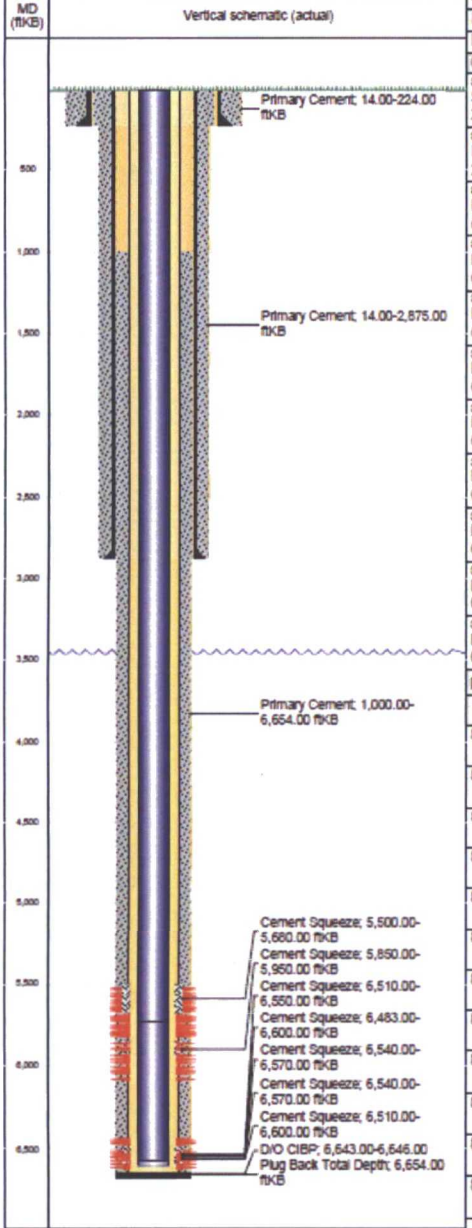
Well Name: NEDU 701 — **Reference Datum: KB**

API/UWI	Surface Legal Location	Field Name	State/Province	Well Purpose
3002509916	1980' FSL, 660' FWL, Unit L, Sec 15, T-21S, R-37E	Eunice North	New Mexico	Production

Spud Date	Original Drilling Rig Release	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Casing Flange Elevation (ft)
10/10/1947 00:00		3,456.0	3,442.0	14.0	

PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)
Original Hole - 6,654	

Production - NE DRINKARD UNIT #701 - Original Hole, 12/22/2016 9:29:3...



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	13 3/8	32.00	H-40	224.00
Inter 1	8 5/8	32.00	H-40	2,875.00
Prod 1	5 1/2	15.50	J-55	6,654.00

Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Top Meas Meth	Start Date
Surface, 224.00ftKB	Primary Cement	14.00	224.00	Returns at Surface	10/11/1947
Inter 1, 2,875.00ftKB	Primary Cement	14.00	2,875.00	Estimated	10/19/1947
Prod 1, 6,654.00ftKB	Cement Plug	6,651.00	6,654.00	Tag	11/23/1947
Prod 1, 6,654.00ftKB	Primary Cement	1,000.00	6,654.00		11/23/1947
Prod 1, 6,654.00ftKB	Cement Squeeze	6,483.00	6,600.00	Tag	11/29/1947
Prod 1, 6,654.00ftKB	Cement Squeeze	6,540.00	6,570.00		12/2/1947
Prod 1, 6,654.00ftKB	Cement Squeeze	6,510.00	6,600.00		12/4/1947
Prod 1, 6,654.00ftKB	Cement Squeeze	6,540.00	6,570.00		12/8/1947
Prod 1, 6,654.00ftKB	Cement Squeeze	6,510.00	6,550.00		6/12/1963
Prod 1, 6,654.00ftKB	Cement Squeeze	5,850.00	5,950.00		6/14/1963
Prod 1, 6,654.00ftKB	Cement Squeeze	5,500.00	5,680.00		10/2/1989

Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Open or Closed
8/24/1978	Blinebry Sqz'd	5,519	5,519	1.0	1	
8/24/1978	Blinebry Sqz'd	5,527	5,527	1.0	1	
8/24/1978	Blinebry Sqz'd	5,532	5,532	1.0	1	
8/24/1978	Blinebry Sqz'd	5,547	5,547	1.0	1	
8/24/1978	Blinebry Sqz'd	5,562	5,562	1.0	1	
8/24/1978	Blinebry Sqz'd	5,569	5,569	1.0	1	
8/24/1978	Blinebry Sqz'd	5,576	5,576	1.0	1	
8/24/1978	Blinebry Sqz'd	5,580	5,580	1.0	1	
8/24/1978	Blinebry Sqz'd	5,594	5,594	1.0	1	
8/24/1978	Blinebry Sqz'd	5,602	5,602	1.0	1	
8/24/1978	Blinebry Sqz'd	5,611	5,611	1.0	1	
8/24/1978	Blinebry Sqz'd	5,622	5,622	1.0	1	

Current WBD (Page 2 of 3)

Apache

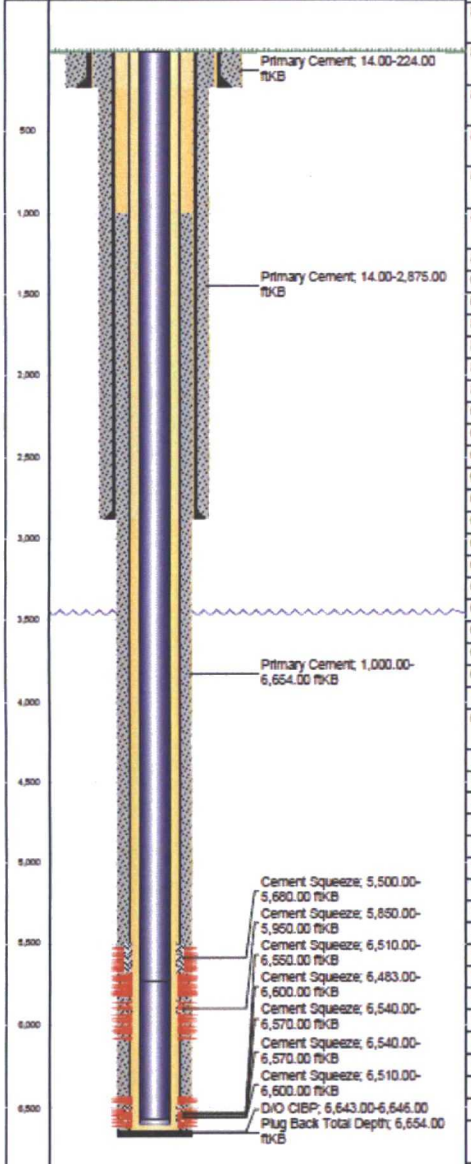
Downhole Well Profile w Cement

Well Name: NEDU 701

Reference Datum: KB

API/UWI	Surface Legal Location		Field Name	State/Province	Well Purpose
3002509916	1980' FSL, 660' FWL, Unit L, Sec 15, T-21S, R-37E		Eunice North	New Mexico	Production
Spud Date	**Original Drilling Rig Release**	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Casing Flange Elevation (ft)**
10/10/1947 00:00		3,456.0	3,442.0	14.0	
PBTD (All) (ftKB)			**Total Depth All (TVD) (ftKB)**		
Original Hole - 6,654					

Production - NE DRINKARD UNIT #701 - Original Hole, 12/22/2016 9:29:3...



Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Open or Closed
8/24/1978	Blinebry Sqz'd	5,637	5,637	1.0	1	
8/24/1978	Blinebry Sqz'd	5,642	5,642	1.0	1	
8/24/1978	Blinebry Sqz'd	5,645	5,645	1.0	1	
8/24/1978	Blinebry Sqz'd	5,650	5,650	1.0	1	
8/24/1978	Blinebry Sqz'd	5,655	5,655	1.0	1	
8/24/1978	Blinebry Sqz'd	5,660	5,660	1.0	1	
8/24/1978	Blinebry Sqz'd	5,670	5,670	1.0	1	
8/24/1978	Blinebry	5,695	5,695	1.0	1	
6/15/1963	Blinebry	5,700	5,701	4.0	8	
6/15/1963	Blinebry	5,700	5,701	4.0	8	
8/24/1978	Blinebry	5,715	5,715	1.0	1	
8/24/1978	Blinebry	5,719	5,719	1.0	1	
8/24/1978	Blinebry	5,723	5,723	1.0	1	
8/24/1978	Blinebry	5,730	5,730	1.0	1	
6/18/1963	Blinebry	5,750	5,750	1.0	1	
6/18/1963	Blinebry	5,756	5,756	1.0	1	
6/18/1963	Blinebry	5,762	5,762	1.0	1	
6/18/1963	Blinebry	5,772	5,772	1.0	1	
6/18/1963	Blinebry	5,778	5,778	1.0	1	
6/18/1963	Blinebry	5,791	5,791	1.0	1	
6/18/1963	Blinebry	5,794	5,794	1.0	1	
6/18/1963	Blinebry	5,797	5,797	1.0	1	
6/18/1963	Blinebry	5,805	5,805	1.0	1	
6/18/1963	Blinebry	5,808	5,808	1.0	1	
6/18/1963	Blinebry	5,811	5,811	1.0	1	
6/18/1963	Blinebry	5,814	5,814	1.0	1	
6/18/1963	Blinebry	5,817	5,817	1.0	1	
10/12/1989	Blinebry	5,868	5,868	2.0	2	
6/14/1963	Blinebry Sqz'd	5,894	5,895	4.0	8	
10/12/1989	Blinebry	5,904	5,904	2.0	2	
10/12/1989	Blinebry	5,939	5,939	2.0	2	
10/12/1989	Blinebry	5,955	5,955	2.0	2	
10/12/1989	Blinebry	5,959	5,959	2.0	2	
10/12/1989	Blinebry	5,980	5,980	2.0	2	
10/12/1989	Tubb	6,011	6,011	2.0	2	
10/12/1989	Tubb	6,024	6,024	2.0	2	
10/12/1989	Tubb	6,030	6,030	2.0	2	
10/12/1989	Tubb	6,044	6,044	2.0	2	
10/12/1989	Tubb	6,048	6,048	2.0	2	
10/12/1989	Tubb	6,076	6,076	2.0	2	
10/12/1989	Tubb	6,083	6,083	2.0	2	
10/12/1989	Drinkard	6,439	6,439	2.0	2	
10/12/1989	Drinkard	6,447	6,447	2.0	2	
10/12/1989	Drinkard	6,455	6,455	2.0	2	
10/12/1989	Drinkard	6,461	6,461	2.0	2	
10/12/1989	Drinkard	6,466	6,466	2.0	2	
12/4/1947	Drinkard Sqz'd	6,514	6,514	4.0	4	

Current WBD (Page 3 of 3)

Apache

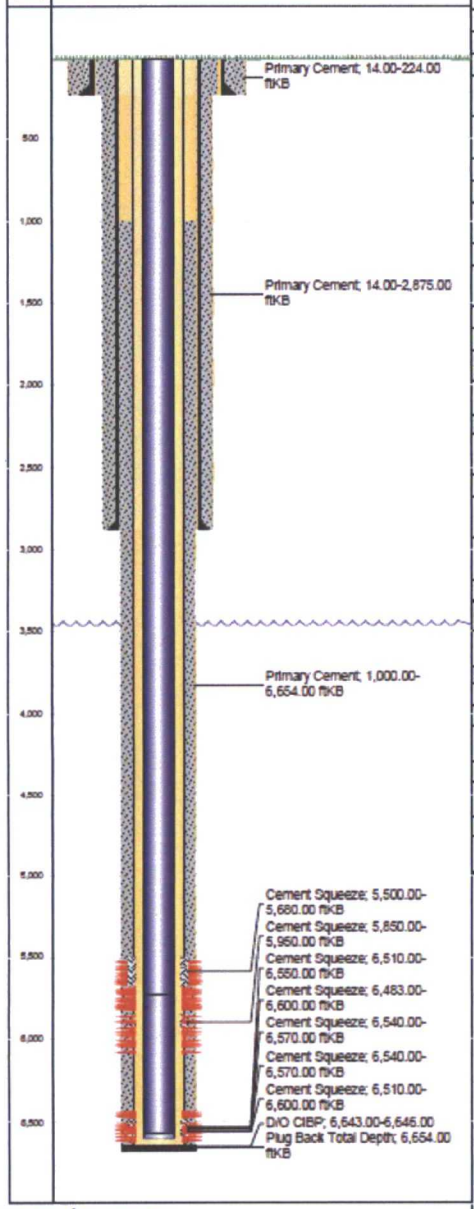
Downhole Well Profile w Cement

Well Name: NEDU 701

Reference Datum: KB

API/UWI	Surface Legal Location		Field Name	State/Province	Well Purpose
3002509916	1980' FSL, 660' FWL, Unit L, Sec 15, T-21S, R-37E		Eunice North	New Mexico	Production
Spud Date	**Original Drilling Rig Release**	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**	**Casing Flange Elevation (ft)**
10/10/1947 00:00		3,456.0	3,442.0	14.0	
PBTD (All) (ftKB)			**Total Depth All (TVD) (ftKB)**		
Original Hole - 6,654					

Production - NE DRINKARD UNIT #701 - Original Hole, 12/22/2016 9:29:3...



Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Open or Closed
12/9/1947	Drinkard Sqz'd	6,520	6,540	4.0	84	
10/12/1989	Drinkard	6,529	6,529	2.0	2	
10/12/1989	Drinkard	6,535	6,535	2.0	2	
10/12/1989	Drinkard	6,542	6,542	2.0	2	
12/1/1947	Drinkard Sqz'd	6,545	6,565	4.0	84	
12/5/1947	Drinkard Sqz'd	6,547	6,563	4.0	68	
10/12/1989	Drinkard	6,563	6,563	2.0	2	
10/12/1989	Drinkard	6,568	6,568	2.0	2	
12/4/1947	Drinkard Sqz'd	6,578	6,578	4.0	4	
10/12/1989	Drinkard	6,588	6,588	2.0	2	
11/29/1947	Drinkard Sqz'd	6,595	6,595	2.0	2	
10/12/1989	Drinkard	6,606	6,606	2.0	2	
11/25/1947	Drinkard	6,610	6,651	4.0	168	

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing	5/19/2016	6,589.48	6,602.0

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	184		T&C Upset	2 7/8	6.50	J-55	5,714.18
Anchor/catcher	1			2 7/8			2.70
Tubing	27		T&C Non-Upset	2 7/8	6.40	J-55	839.12
Tubing	1		101 Nylon - NonUpset	2 7/8	6.50	J-55	32.38
Seat Nipple	1			2 3/8	5.10	SS	1.10

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Other In Hole

Description	OD (in)	Top (ftKB)	Run Date
D/O CIBP	5 1/2	6,643	10/10/1989

Plug Back Total Depths

Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
4/13/2015		6,654	

Comments

Comment

Proposed WBD (Proposed/Current Split)

Proposed

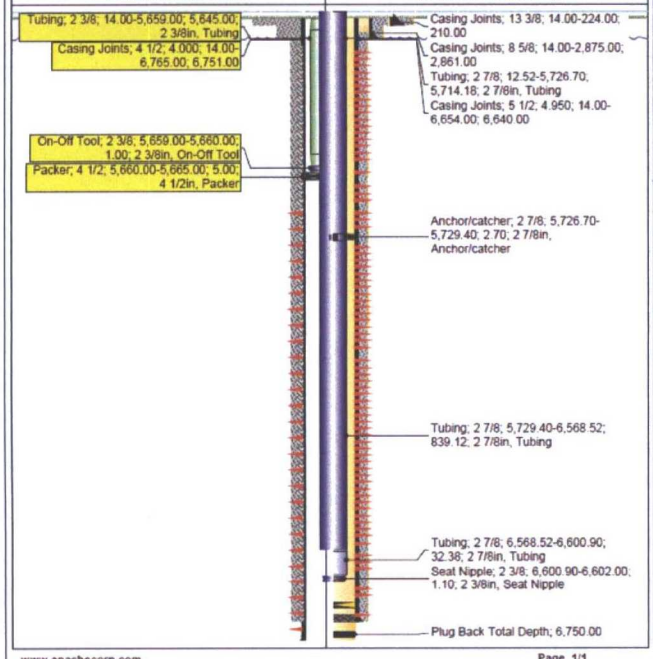
Apache

Well Name: NEDU 701

Legal Well Name	Common Well Name	Wellbore API/UWI (API 12 Digits)
NORTHEAST DRINKARD UNIT 701	NEDU 701	3002509916

Ground Elevation (ft)	Original KB Elevation (ft)	Surface Legal Location	PBTD (All) (ftKB)	Total Depth (ftKB)
3,442.0	3,456.0	1980' FSL, 660' FWL, Unit L, Sec 15, T-21S, R-37E	Original Hole - 6,750	6,765.0

Production - NE DRINKARD UNIT #701 - Original Hole, 3/16/2017 10:53:27 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
Surface	17 1/2	14.0	224.0	10/10/1947
Inter 1	11	224.0	2,875.0	10/12/1947
Prod 1	7 3/8	2,875.0	6,654.0	10/21/1947
Prod 2	4 3/4	6,654.0	6,765.0	

Casing

Csg Des	OD (in)	Wt (lb/ft)	Grade	Set Depth (ftKB)
Surface	13 3/8	32.00	H-40	224.00
Inter 1	8 5/8	32.00	H-40	2,875.00
Prod 1	5 1/2	15.50	J-55	6,654.00
Prod Lnr 1	4 1/2	11.60	J-55	6,765.00

Cement

String	Des	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Surface, 224.00ftKB	Primary Cement	14.00	224.00	Returns at Surface
Inter 1, 2,875.00ftKB	Primary Cement	14.00	2,875.00	Estimated
Prod 1, 6,654.00ftKB	Primary Cement	1,000.00	6,654.00	
Prod 1, 6,654.00ftKB	Cement Plug	6,651.00	6,654.00	Tag
Prod Lnr 1, 6,765.00ftKB	Primary Liner Cement	14.00	6,765.00	
Prod 1, 6,654.00ftKB	Cement Squeeze	5,500.00	6,654.00	

Proposed Liner Perforations

Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Density (shots/ft)	Entered Shot Total
Proposed	5,715	6,665	2.0	140