

District I
3625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Aragon Road, Artec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

REVISED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44861	Pool Code 5695	Pool Name Bilbrey Basin/Bone Spring
Property Code 321456	Property Name CHEDDAR 2BS FEDERAL COM	
UGRID No. 372165	Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	Well Number 1H
		Elevation 3663.1'

Surface Location

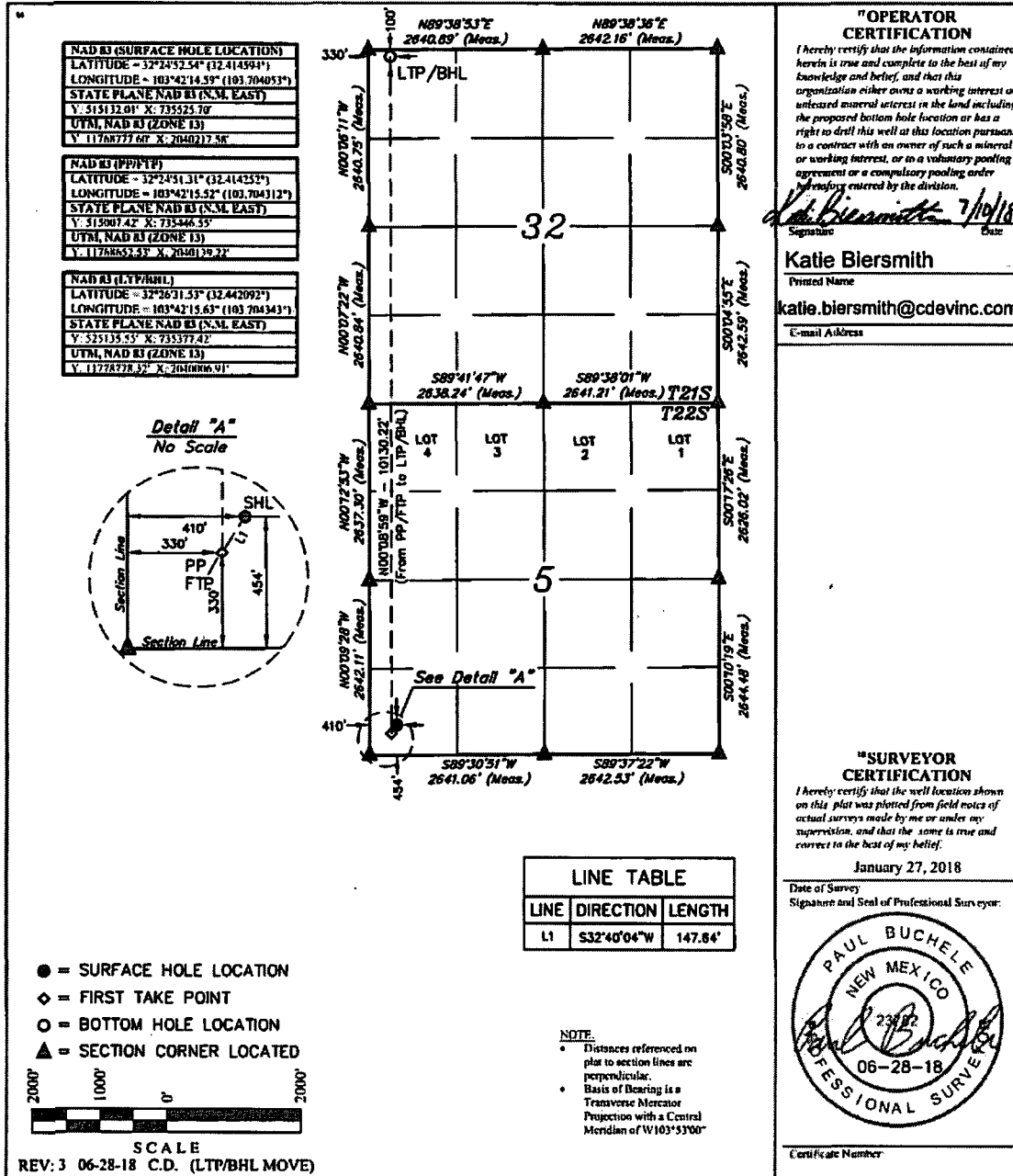
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	22S	32E		454	SOUTH	410	WEST	LEA

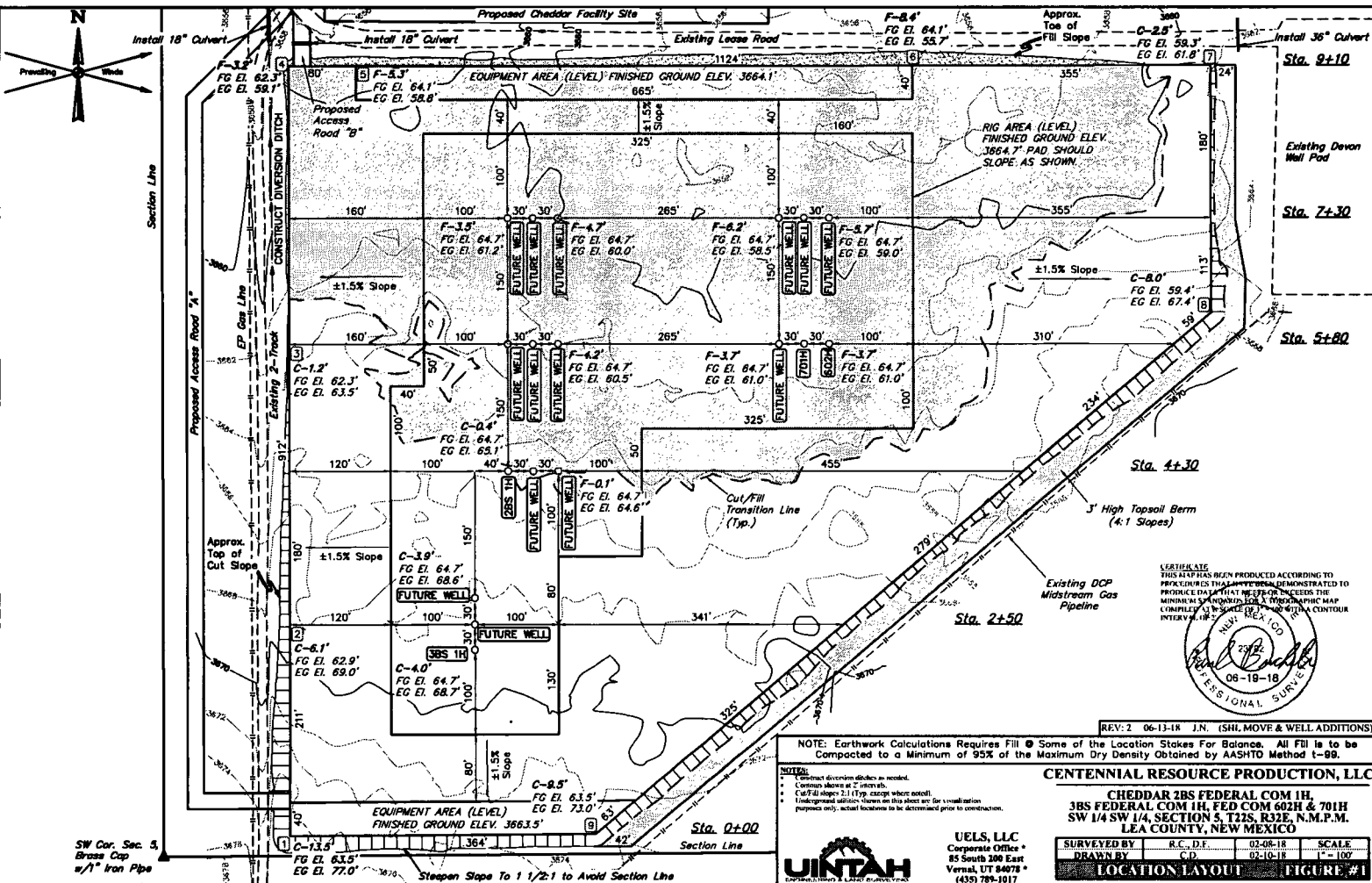
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	21S	32E		100	NORTH	330	WEST	LEA

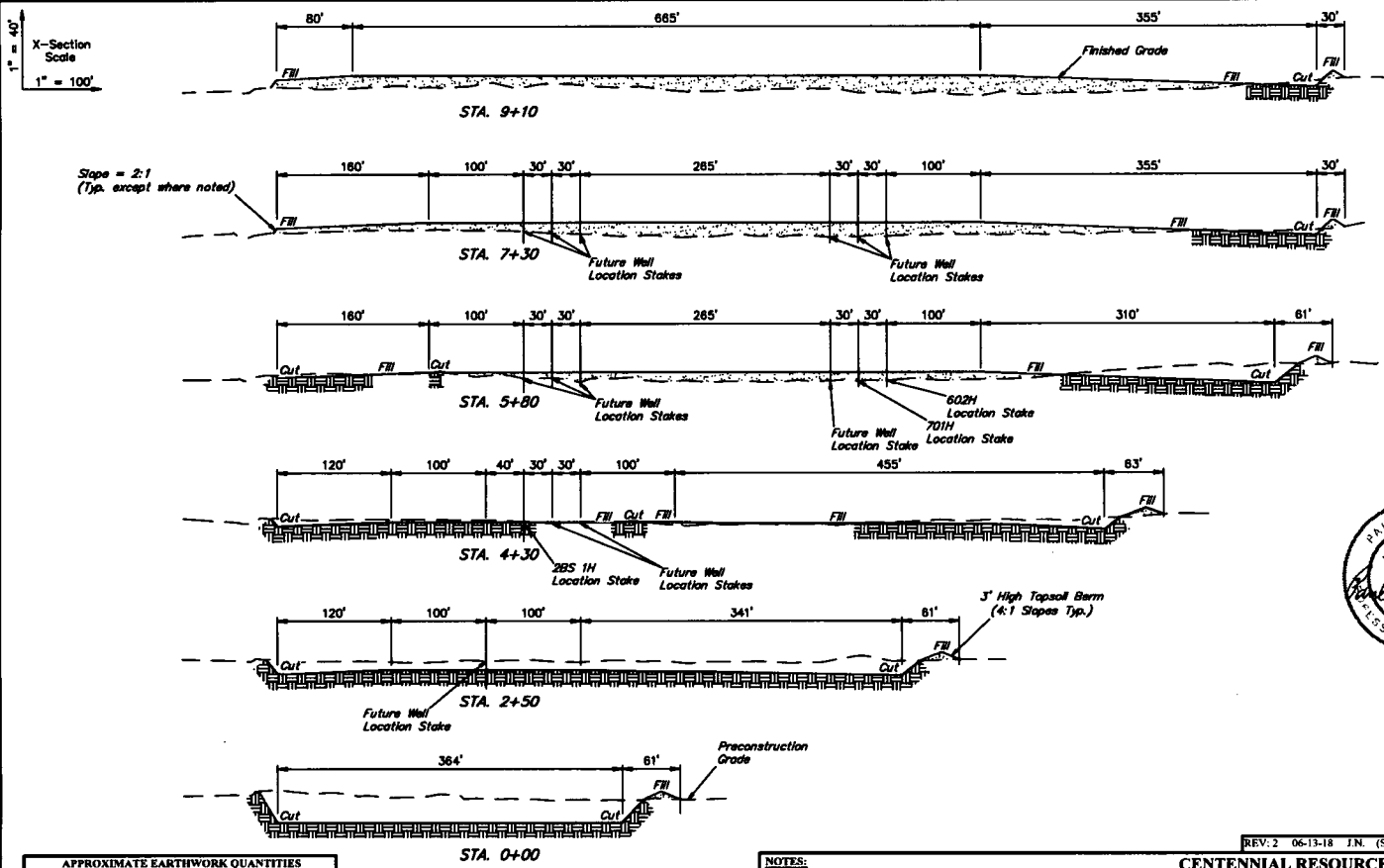
Dedicated Acres
319.68

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





REVISED



APPROXIMATE EARTHWORK QUANTITIES	
TOPSOIL STRIPPING	2,070 Cu. Yds.
REMAINING LOCATION	58,720 Cu. Yds.
TOTAL CUT	60,790 Cu. Yds.
FILL	58,720 Cu. Yds.
EXCESS MATERIAL	2,070 Cu. Yds.
TOPSOIL	2,070 Cu. Yds.
EXCESS UNBALANCE	0 Cu. Yds.
(After Material Redistribution)	

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±19.438
65' WIDE ACCESS ROAD R-O-W "A" DISTURBANCE	±1100.91'	±1.643
65' WIDE ACCESS ROAD R-O-W "B" DISTURBANCE	±53.16'	±0.079
TOTAL SURFACE USE AREA		±21.160

- NOTES:
- Fill quantity includes 5% for compaction.
 - Cut/Fill slopes 2:1 (Typ. except where noted).



UELS, LLC
 Regional Office • 111 NE 3rd Street
 Seminole, TX 79360 • (432) 955-6100
 Corporate Office • 85 South 200 East
 Vernal, UT 84078 • (435) 789-1017

REV: 2 06-13-18 J.N. (SHL MOVE & WELL ADDITIONS)
CENTENNIAL RESOURCE PRODUCTION, LLC

**CHEDDAR 28S FEDERAL COM 1H,
 38S FEDERAL COM 1H, FED COM 602H & 701H
 SW 1/4 SW 1/4, SECTION 5, T22S, R35E, N.M.P.M.
 LEA COUNTY, NEW MEXICO**

SURVEYED BY	R.C. DE	02-08-18	SCALE
DRAWN BY	C.D.	02-10-18	AS SHOWN

TYPICAL CROSS SECTIONS FIGURE #2

22S

6

5

CARLSBAD 43.0 MI. +/-

BLM

PROPOSED LOCATION:
CHEDDAR 2BS FEDERAL COM 1H,
3BS FEDERAL COM 1H,
FED COM 602H & 701H

EXISTING DEVON
WELL PAD

SEE DETAIL "A"

PROPOSED DRAINAGE

EXISTING PIPELINE

EXISTING PIPELINE

DETAIL "A"

EXISTING PIPELINE

PROPOSED CHEDDAR
FACILITY SITE

PROPOSED ACCESS "B" 53' +/-

PROPOSED ACCESS "A" 1,101' +/-

EXISTING 2-TRACK

8

R
32
E

REV: 1 06-18-18 J.A. (SHL MOVE & ADDED WELLS)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD
- EXISTING 2-TRACK
- EXISTING PIPELINE
- PROPOSED DRAINAGE
- INSTALL 18" CULVERT

U N T A H
ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

CENTENNIAL RESOURCE PRODUCTION, LLC

**CHEDDAR 2BS FEDERAL COM 1H,
3BS FEDERAL COM 1H, FED COM 602H & 701H
SW 1/4 SW 1/4, SECTION 5, T22S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO**

SURVEYED BY	R.C., D.F.	02-08-18	SCALE
DRAWN BY	J.A.	02-15-18	1" = 12,000'

ACCESS ROAD MAP **TOPO B**

-Sec. 5

BEGINNING OF ROAD "A" BEARS N08°14'12"E
1019.04' FROM THE SOUTHWEST CORNER OF
SECTION 5, T22S, R32E, N.M.P.M.

END OF ROAD "A" BEARS N66°06'35"E
163.93' FROM THE SOUTHWEST CORNER OF
SECTION 5, T22S, R32E, N.M.P.M.

BEGINNING OF ROAD "B" BEARS N09°21'42"E
1003.35' FROM THE SOUTHWEST CORNER OF
SECTION 5, T22S, R32E, N.M.P.M.

END OF ROAD "B" BEARS N09°53'10"E
950.94' FROM THE SOUTHWEST CORNER OF
SECTION 5, T22S, R32E, N.M.P.M.

**BEGINNING OF PROPOSED
ROAD "A" RIGHT-OF-WAY
(At Edge of Existing Road)**

**BEGINNING OF PROPOSED
ROAD "B" RIGHT-OF-WAY
(At Edge of Existing Road)**

BLM

**Proposed Cheddar 2BS
Federal COM 1H
& 3BS Federal COM 1H**

**END OF PROPOSED ROAD
"B" RIGHT-OF-WAY
(At Edge of Proposed Well Pad)**

**END OF PROPOSED ROAD
"A" RIGHT-OF-WAY
(At Edge of Proposed Well Pad)**

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S44°56'17"W	157.09'
L2	S00°09'27"E	831.25'
L3	N89°50'34"E	112.57'
L4	S00°03'42"E	53.16'

SW Cor. Sec. 5,
Brass Cap w/1"
Iron Pipe

589°30'51"W - 2641.06' (Meas.)

S 1/4 Cor. Sec. 5,
Brass Cap w/1"
Iron Pipe

ROAD "A" RIGHT-OF-WAY DESCRIPTION

A 65' WIDE RIGHT-OF-WAY 32.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 5, T22S, R32E, N.M.P.M., WHICH BEARS N08°14'12"E 1019.04' FROM THE SOUTHWEST CORNER OF SAID SECTION 5, THENCE S44°56'17"W 157.09'; THENCE S00°09'27"E 831.25'; THENCE N89°50'34"E 112.57' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 5, WHICH BEARS N66°06'35"E 163.93' FROM THE SOUTHWEST CORNER OF SAID SECTION 5. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W103°53'00". CONTAINS 1.643 ACRES MORE OR LESS.

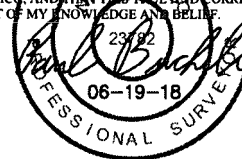
ROAD "B" RIGHT-OF-WAY DESCRIPTION

A 65' WIDE RIGHT-OF-WAY 32.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 5, T22S, R32E, N.M.P.M., WHICH BEARS N09°21'42"E 1003.35' FROM THE SOUTHWEST CORNER OF SAID SECTION 5, THENCE S00°03'42"E 53.16' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 5, WHICH BEARS N09°53'10"E 950.94' FROM THE SOUTHWEST CORNER OF SAID SECTION 5. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W103°53'00". CONTAINS 0.079 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY OF THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



FILE: 63038

REV: 1 06-13-18 J.N. (SHL MOVE & WELL ADDITIONS)

NOTES:

- The maximum grade of existing ground for the proposed access road "A" is $\pm 4.04\%$.
- The maximum grade of existing ground for the proposed access road "B" is $\pm 2.16\%$.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of $W 103^{\circ} 53' 00''$

N CENTENNIAL RESOURCE PRODUCTION, LLC

**CHEDDAR 2BS FEDERAL COM 1H,
3BS FEDERAL COM 1H, FED COM 602H & 701H
SECTION 5, T22S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO**

SURVEYED BY	R.C., D.F.	02-08-18	SCALE
DRAWN BY	C.D.	02-13-18	1" = 400'

ACCESS ROAD R-O-W



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



Project: Lea Co., NM (NAD83)
Site: Cheddar 285 Federal Com
Well: 1H
Wellbore: OH
Design: Plan #1
Lat: 32.414594
Long: -103.704053
GL: 3665.00
KB: KB=25' @ 3690.00u/f (H&P 650)



WELL DETAILS: 1H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	515132.01	735525.70	32.414594	-103.704053

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Cheddar 285 Fed Com 1H PBHL	10559.54	10004.24	-89.38	525135.55	735377.42	Point
Cheddar 285 Fed Com 1H FTP	10577.00	-124.12	-79.88	515007.42	735446.55	Point

SECTION DETAILS

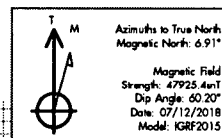
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSet	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6095.00	0.00	0.00	6095.00	0.00	0.00	0.00	0.00	0.00	Build 1"/100'
6694.89	4.00	212.76	6693.79	-26.38	-16.98	1.00	212.76	-26.23	912' Hold
7606.89	4.00	212.76	7600.80	-106.53	-68.56	0.00	0.00	-105.92	Drop 1.5"/100'
8006.92	0.00	0.00	8000.00	-124.12	-79.88	1.50	180.00	-123.40	2003' Hold
10010.08	0.00	0.00	10003.26	-124.12	-79.88	0.00	0.00	-123.40	Build 100'/100'
10911.08	90.10	359.95	10576.22	449.84	-80.42	10.00	359.95	450.54	9554' Hold
20465.50	90.10	359.95	10559.54	10004.24	-89.38	0.00	0.00	10004.64	TD at 20465.50

Formation Tops

TVDPath	Formation
4613.00	Base of Capitan
4637.00	Lamar
4721.00	Ball Canyon
5518.00	Cherry Canyon
5748.00	Manzanita Line
6848.07	Brushy Canyon
8575.22	Bone Spring Lime
8727.22	Leonard Shale
9614.22	First Bone Spring Sand
9878.22	Second Bone Spring Shale
10283.09	Second Bone Spring Sand

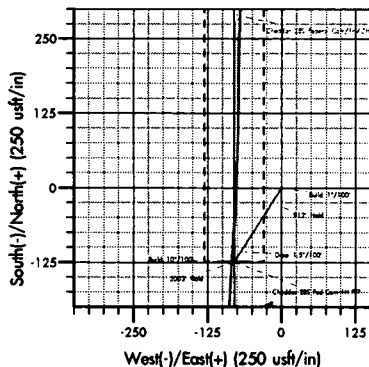
CASING DETAILS

No casing data is available

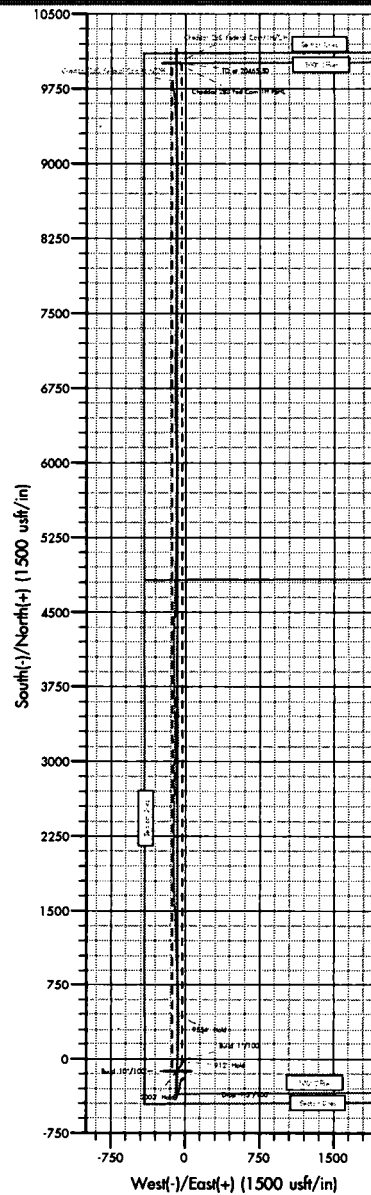


Asimuths to True North
Magnetic North: 6.91°

Magnetic Field
Strength: 47925.4uT
Dip Angle: 60.20°
Date: 07/12/2018
Model: KRF2015



Vertical Section at 359.49° (1500 usf/in)



West(-)/East(+) (1500 usf/in)

Plan: Plan #1 (1H/OH)

Created By: Darryl Moore Date: 10/21 July 13 2018