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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

SEP 11 2014

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

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42104	² Pool Code 62160	³ Pool Name Vacuum; Glorieta
⁴ Property Code 31257	⁵ Property Name VACUUM GLORIETA EAST UNIT	
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁶ Well Number 1158-1111 ⁹ Elevation 3939.9'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	17S	35E		1896	SOUTH	28	WEST	LEA

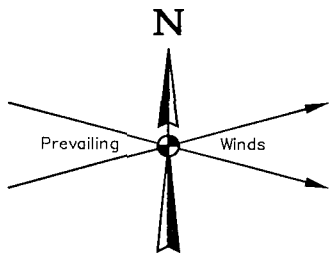
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	28	17S	35E		424	SOUTH	1532	EAST	LEA
¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

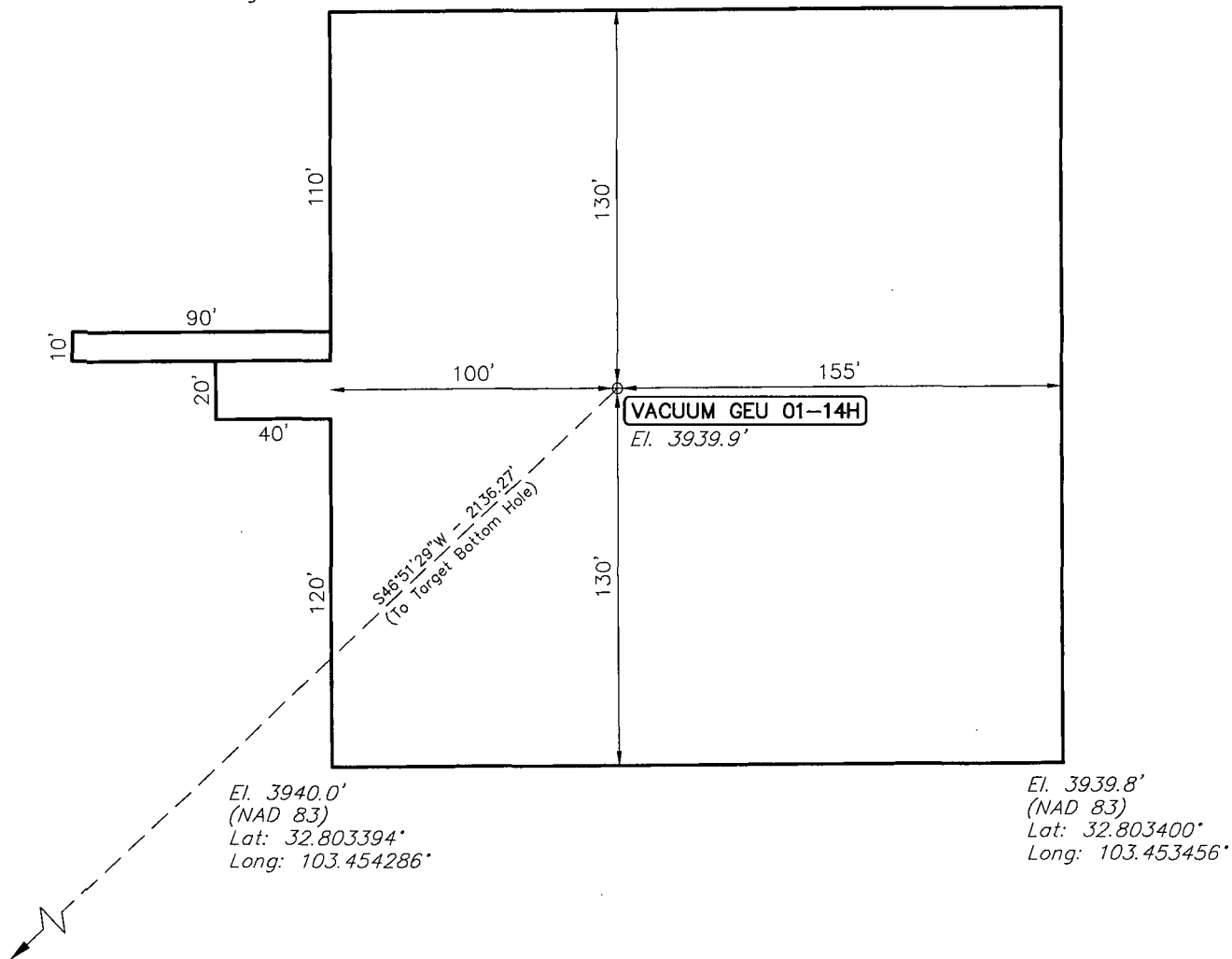
¹⁶ NAD 83 (BOTTOM HOLE) LATITUDE = 32°47'59.06" (32.799739) LONGITUDE = 103°27'32.53" (103.459036) NAD 27 (BOTTOM HOLE) LATITUDE = 32°47'58.62" (32.799617) LONGITUDE = 103°27'30.74" (103.458539) STATE PLANE NAD 83 N: 655788.07 E: 809985.12 STATE PLANE NAD 27 N: 655723.36 E: 768806.18	NAD 83 (SURFACE LOCATION) LATITUDE = 32°48'13.51" (32.803753) LONGITUDE = 103°27'14.27" (103.453964) NAD 27 (SURFACE LOCATION) LATITUDE = 32°48'13.07" (32.803631) LONGITUDE = 103°27'12.48" (103.453467) STATE PLANE NAD 83 N: 657261.63 E: 811531.33 STATE PLANE NAD 27 N: 657196.94 E: 770352.42	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Susan B. Maunder 9/8/14 Signature Date Susan B. Maunder Printed Name Susan.B.Maunder@cop.com E-mail Address
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. July 09, 2014 Date of Survey Signature and Seal of Professional Surveyor: Nelson J. Marshall Certificate Number:

SEP 16 2014



El. 3940.2'
(NAD 83)
Lat: 32.804108°
Long: 103.454292°

El. 3940.0'
(NAD 83)
Lat: 32.804114°
Long: 103.453461°



ELEV. UNGRADED GROUND AT LOC. STAKE = 3939.9'

NOTES:

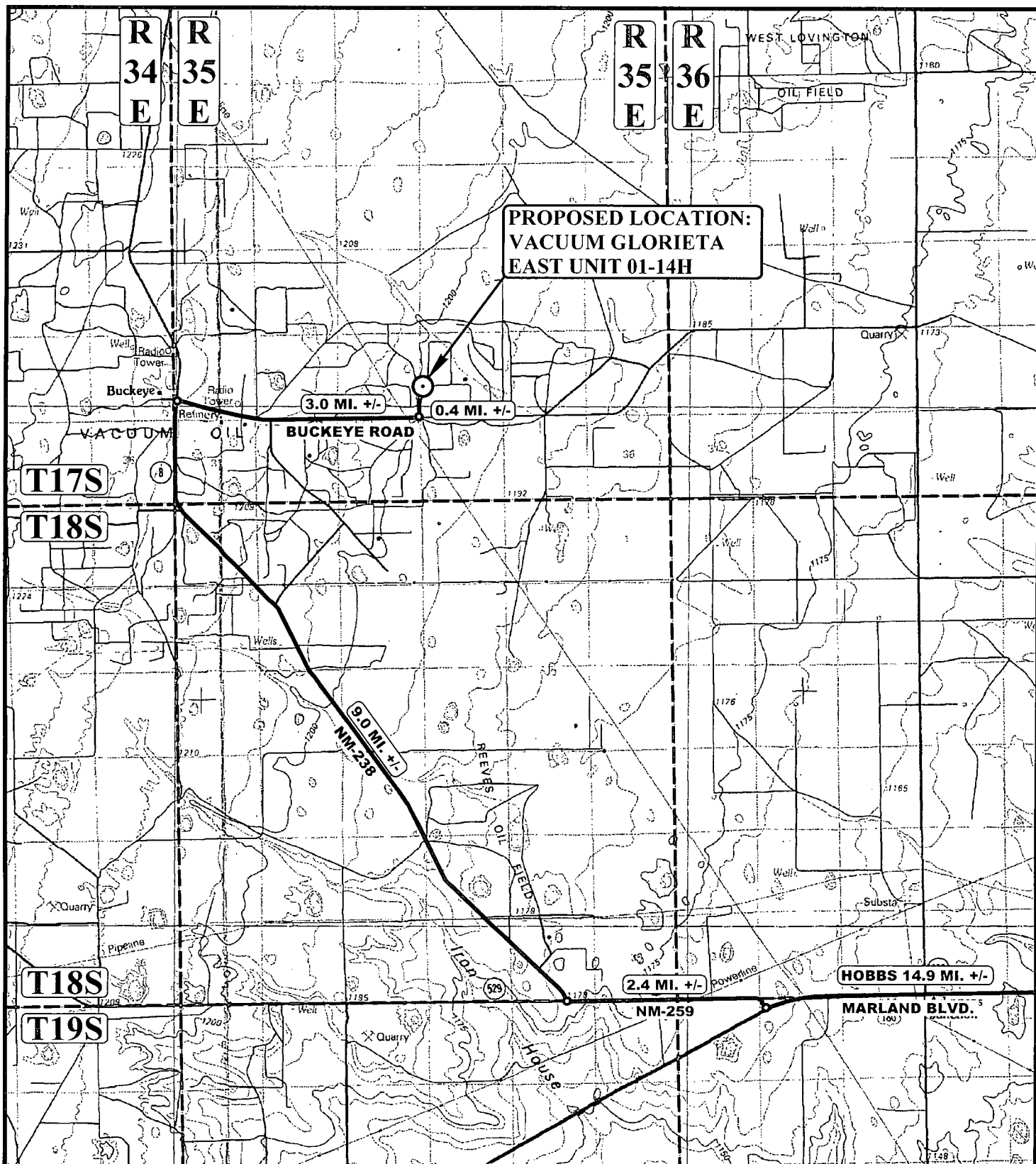
ConocoPhillips Company

VACUUM GLORIETA EAST UNIT 01-14H
SECTION 27, T17S, R35E, N.M.P.M.
1896' FSL 28' FWL



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

DRAWN BY: J.J.	DATE DRAWN: 07-09-14
SCALE: 1" = 60'	REVISED: 00-00-00
LOCATION LAYOUT	FIGURE #1



LEGEND:

○ PROPOSED LOCATION

ConocoPhillips Company

**VACUUM GLORIETA EAST UNIT 01-14H
SECTION 27, T17S, R35E, N.M.P.M.
1896' FSL 28' FWL**



DRAWN BY: L.S.

DATE DRAWN: 07-10-14

SCALE: 1:100,000

REVISED: 00-00-00

ACCESS ROAD MAP

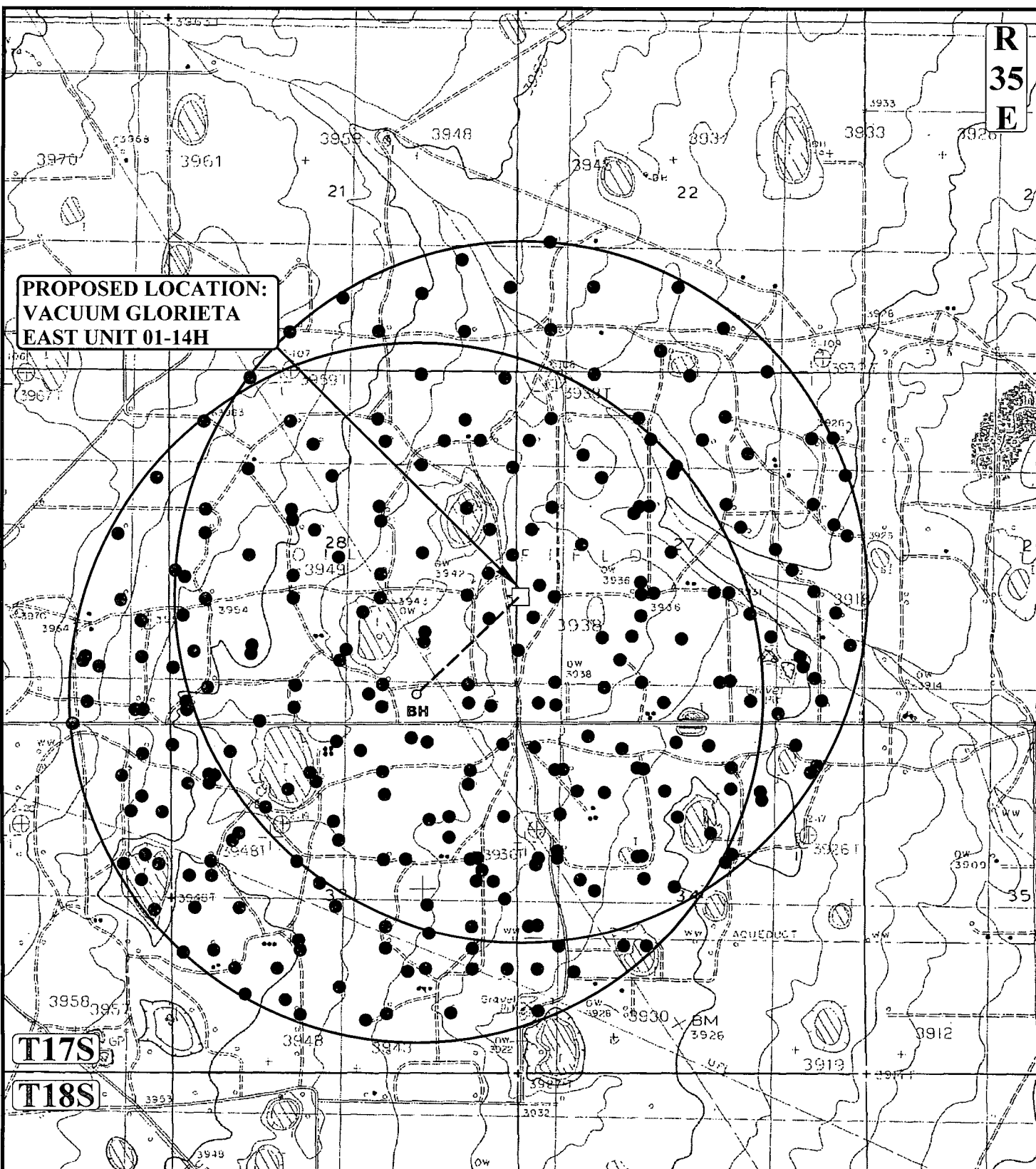
TOPO A



UELS, LLC
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**R
35
E**

**PROPOSED LOCATION:
VACUUM GLORIETA
EAST UNIT 01-14H**



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

ConocoPhillips Company

**VACUUM GLORIETA EAST UNIT 01-14H
SECTION 27, T17S, R35E, N.M.P.M.
1896' FSL 28' FWL**

DRAWN BY: L.S.

DATE DRAWN: 07-10-14

SCALE: 1" = 2000'

REVISED: 00-00-00

WELL PROXIMITY MAP

TOPO C



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



Date:
Version:
Prepared by:

WELL: Vacuum Glorieta East Unit 114H

SURFACE LOC: UL - L - S27 -T17S - R35E 1896' FSL 28' FWL
BH LOC: UL - O - S28 - T17S - R35E 424' FSL 1532' FEL

ELEVATIONS: GL 3,943.0'
KB +13.0' Rig - H&P 446

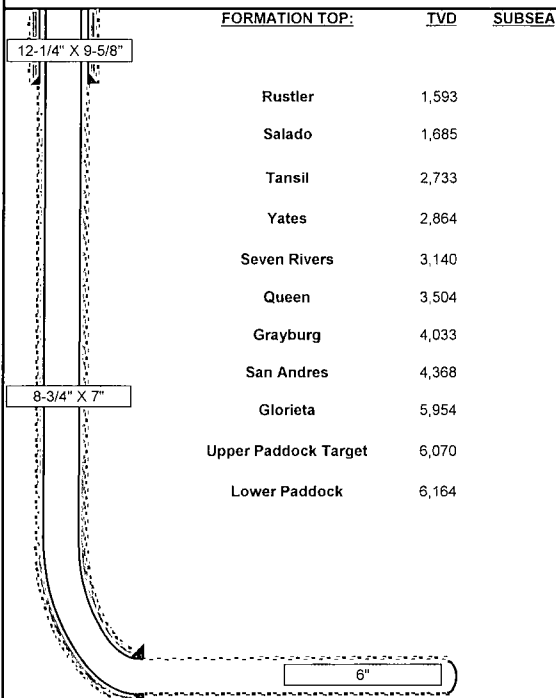
COUNTY, STATE:

API No.:
NDIC Permit:
BLM Permit: N/A

WH Coord.: LAT 32° 48' 13.07"
(NAD-27) LON 103° 27' 12.48"

AFE:

Drilling Network No.:
Invoice Handler ID:
COST ESTIMATE
DRILLING
COMPLETION
FACILITIES
TOTAL



Objective

Notes

Goals

CONTACTS

Drilling Engineer:
Geologist:
Onsite Drilling Rep.:

Drilling Supt.:

Offset logs indicate the presence of the Dunham, Pine, Opeche, and Charles Salts.

DRILLING FLUID:	Type	Interval (MD)	Density ppg	Vis sec/qt	PV cP	YP #/100R2	pH	FL mL	LGS % by vol	CI k mg/L	NaCl ppb sol	Remarks
Surface:	Fresh Water/WBM	Surface-1,627'	8.4-8.9									
Intermediate:	Brine	1,627' - 6,475'	9.0-10.2									
Production:	Brine	6,476' - 7,893'	9.0-10.0									

Reference Baroid Drilling Fluids Program

CASING:	Hole	TOP (MD)	BTM (MD)	Length	Size	Wt	Grade	Connection	BOP:	Working	Test
Surface:	12-1/4"	0'	1,623'	1,623'	9-5/8"	36.00	J55	STC	Annular	3000 psi	3000 psi
Intermediate:	8-3/4"	0'	6,475'	6,475'	7"	26.00	P110	BTC	Double Ram	3000 psi	3000 psi
Production:	6"	6,476'	7,893'	1,417'	6"	Open Hole					

Wellhead:

Reference Drilling Procedure for details on float equipment, centralizers, and liner equipment.

CEMENT:	Hole	MD	TVD	Spacer	Lead	Tail	COMMENTS
Surface:	12-1/4"X9-5/8"	1,623'	1,623'		300 SX	250 SX	TOC Surface
Intermediate:	8-3/4"X7"	6,475'	6064'		500 SX	350 SX	TOC Surface

Reference Halliburton Cementing Recommendation

DIRECTIONAL PLAN:	Comments	MD (ft)	INC (deg)	AZI (deg)	TVD (ft)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100')	SEC-T-R	Section Line Distance
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FORMATION EVALUATION:

Mud Logging - One-Man:
Mud Logging - Two-Man:
Open Hole - PEX
Cased Hole - GR/CBL
MWD - GR

Correlation Well:

OUR WORK IS NEVER SO URGENT OR IMPORTANT THAT WE CANNOT TAKE THE TIME TO DO IT SAFELY!



Azimuths to Grid North
 True North: -0.48°
 Magnetic North: 6.86°
 Magnetic Field
 Strength: 48616.1 nT
 Dip Angle: 60.66°
 Date: 9/1/2014
 Model: BGGM2014

US State Plane 1927 (Exact solution)
 New Mexico East 3001

Created By: TWG
 Date: 13:29, August 27 2014
 Plan: Design #1

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
5348.70	0.00	0.00	5348.70	0.00	0.00	0.00	0.00	KOP, 8.00°/100' Build
6473.70	90.00	226.38	6064.90	-494.08	-518.48	716.20	716.20	Begin 90.00° Lateral
7893.45	90.00	226.38	6064.90	-1473.51	-1546.29	2135.94	2135.94	PBHL

