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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 42215	² Pool Code 62180	³ Pool Name Vacuum; Grayburg, San Andres
⁴ Property Code 31172	⁵ Property Name EAST VACUUM GBSA UNIT 2738	⁶ Well Number 523W
⁷ OGRID No. 217817	⁸ Operator Name ConocoPhillips Company	⁹ Elevation 3934.2'

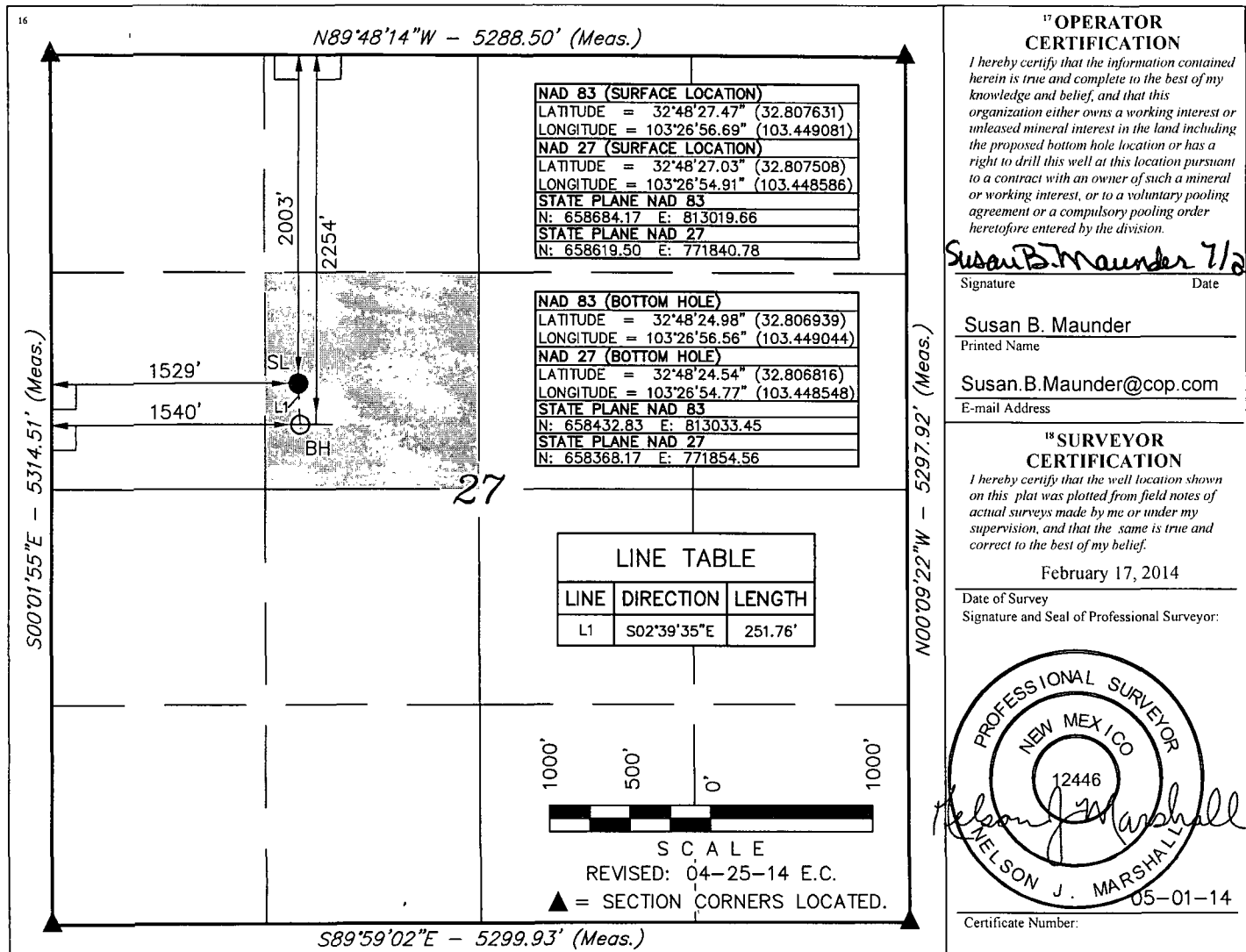
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	17S	35E		2003	NORTH	1529	WEST	LEA

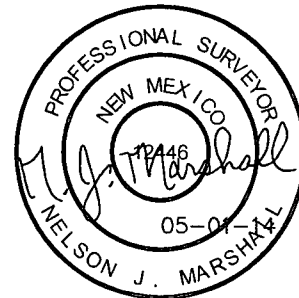
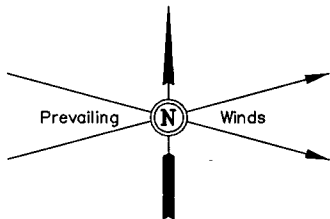
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	17S	35E		2254	NORTH	1540	WEST	LEA
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. WFX-945						

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.

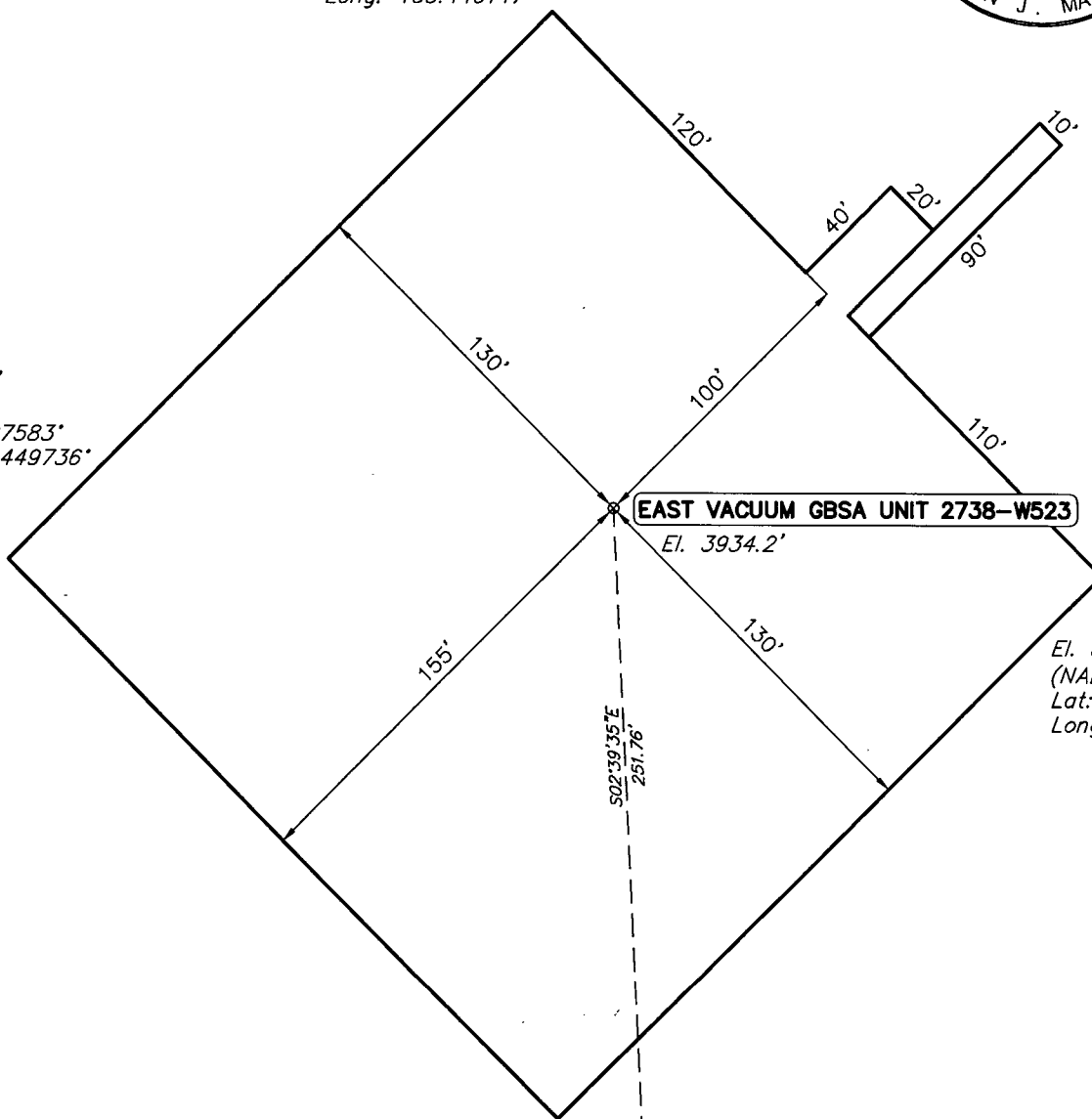


AUG 04 2015



El. 3936.1'
(NAD 83)
Lat: 32.808078°
Long: 103.449147°

El. 3933.5'
(NAD 83)
Lat: 32.807583°
Long: 103.449736°



El. 3932.1'
(NAD 83)
Lat: 32.807569°
Long: 103.448553°

El. 3932.0'
(NAD 83)
Lat: 32.807075°
Long: 103.449142°

Bottom Hole

ELEV. UNGRADED GROUND AT LOC. STAKE = 3934.2'

NOTES:

- Flare pit is to be located a min. of 100' from the well head.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

ConocoPhillips

ConocoPhillips Company

EAST VACUUM GBSA UNIT 2738-W523
SECTION 27, T17S, R35E, N.M.P.M.
2003' FNL 1529' FWL

DRAWN BY: E.C.

SCALE: 1" = 60'

DATE: 02-19-14

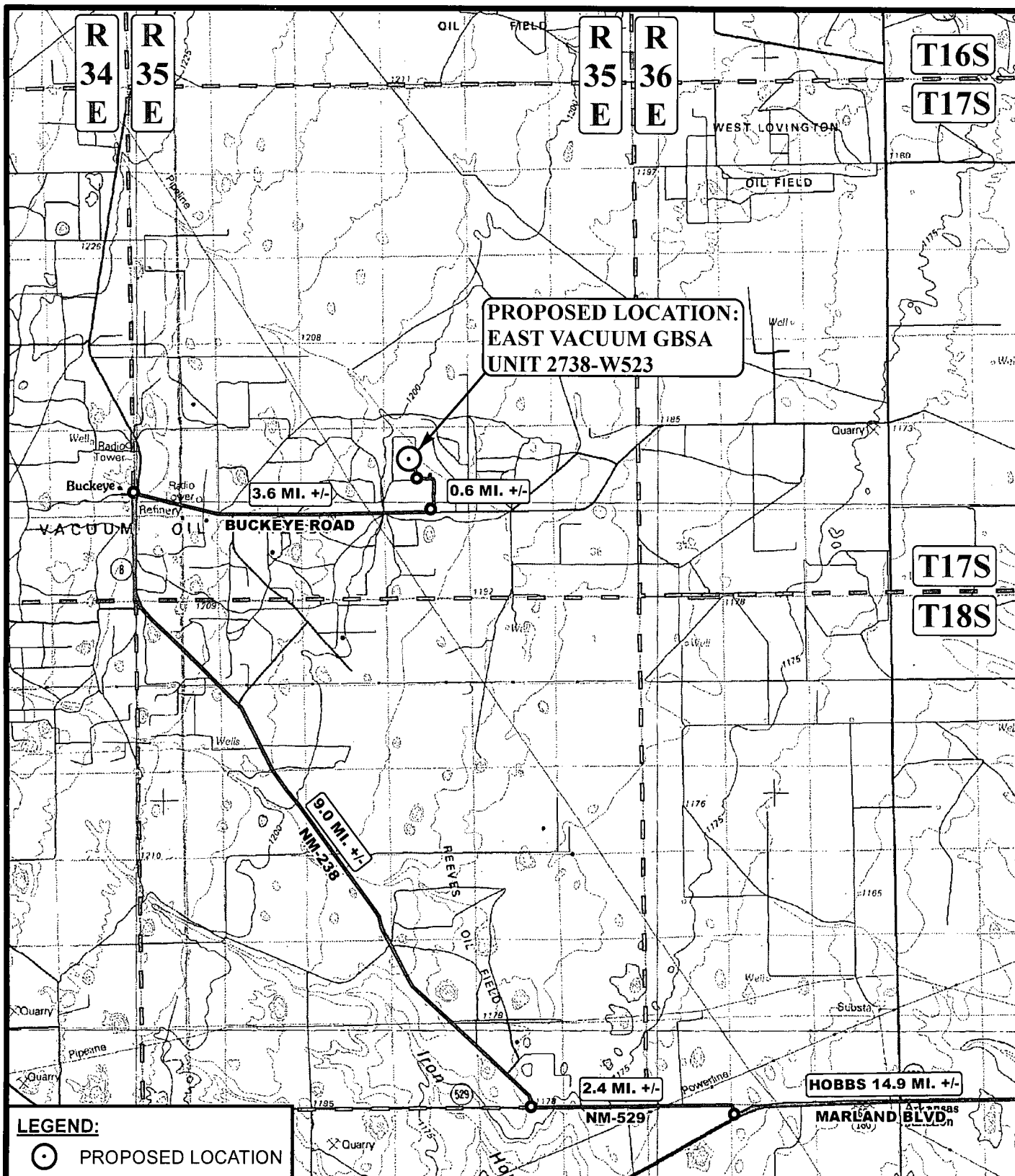
REVISED: 04-25-14 E.C.



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

LOCATION LAYOUT

FIGURE #1



SCALE: 1:100,000
 DRAWN BY: L.S.
 DATE DRAWN: 02-25-14



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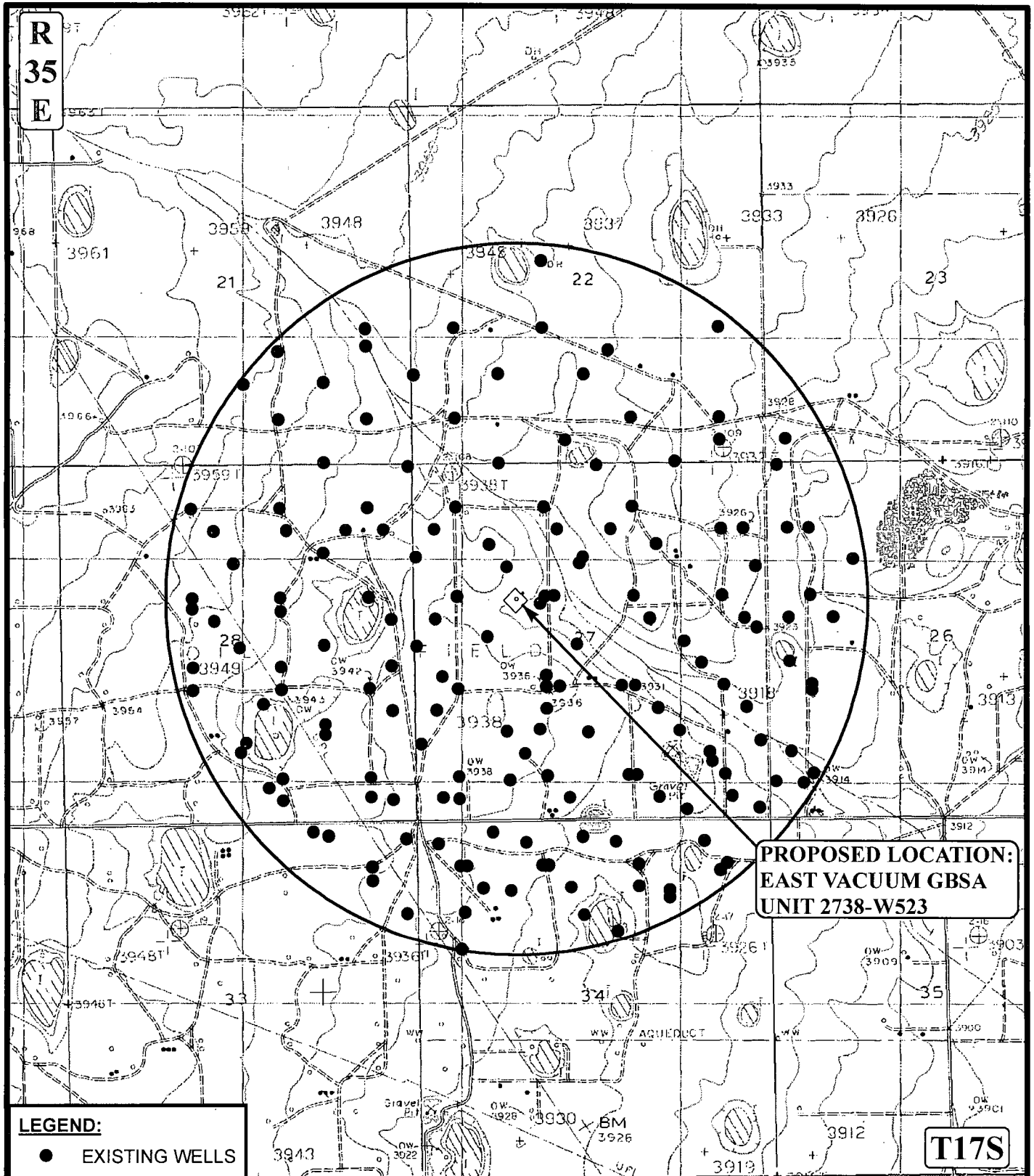
ConocoPhillips

ConocoPhillips Company

EAST VACUUM GBSA UNIT 2738-W523
 SECTION 27, T17S, R35E, N.M.P.M.
 2003' FNL 1529' FWL

ACCESS ROAD MAP

TOPO A



SCALE: 1" = 2000'	REVISED:
DRAWN BY: L.S.	
DATE DRAWN: 02-25-14	



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ConocoPhillips

ConocoPhillips Company

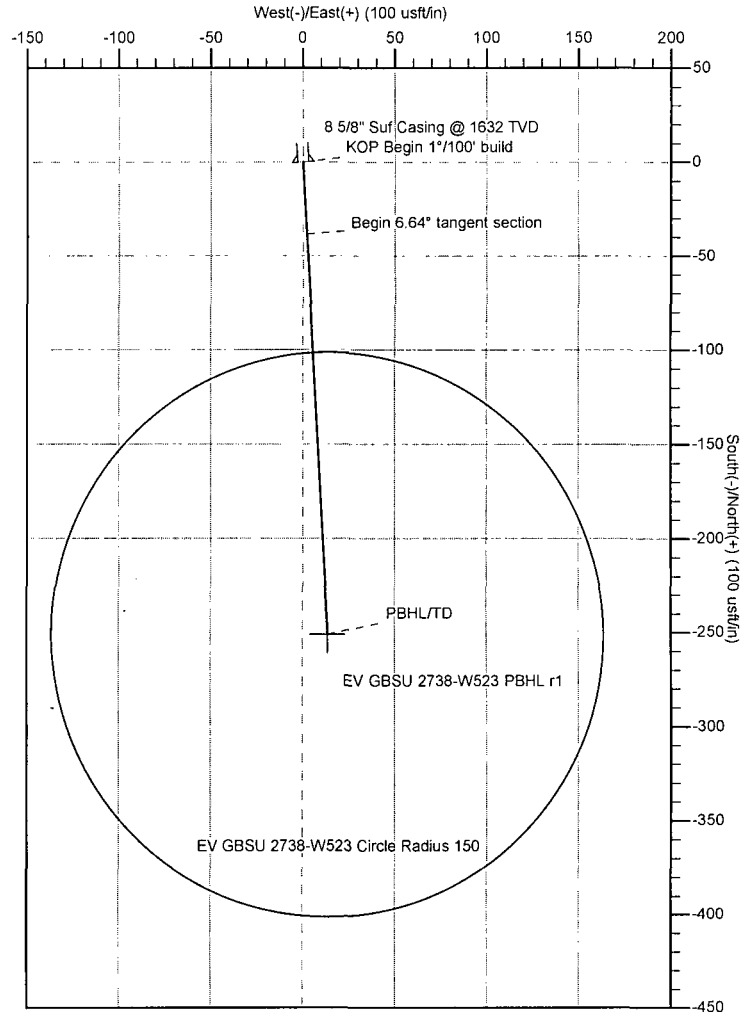
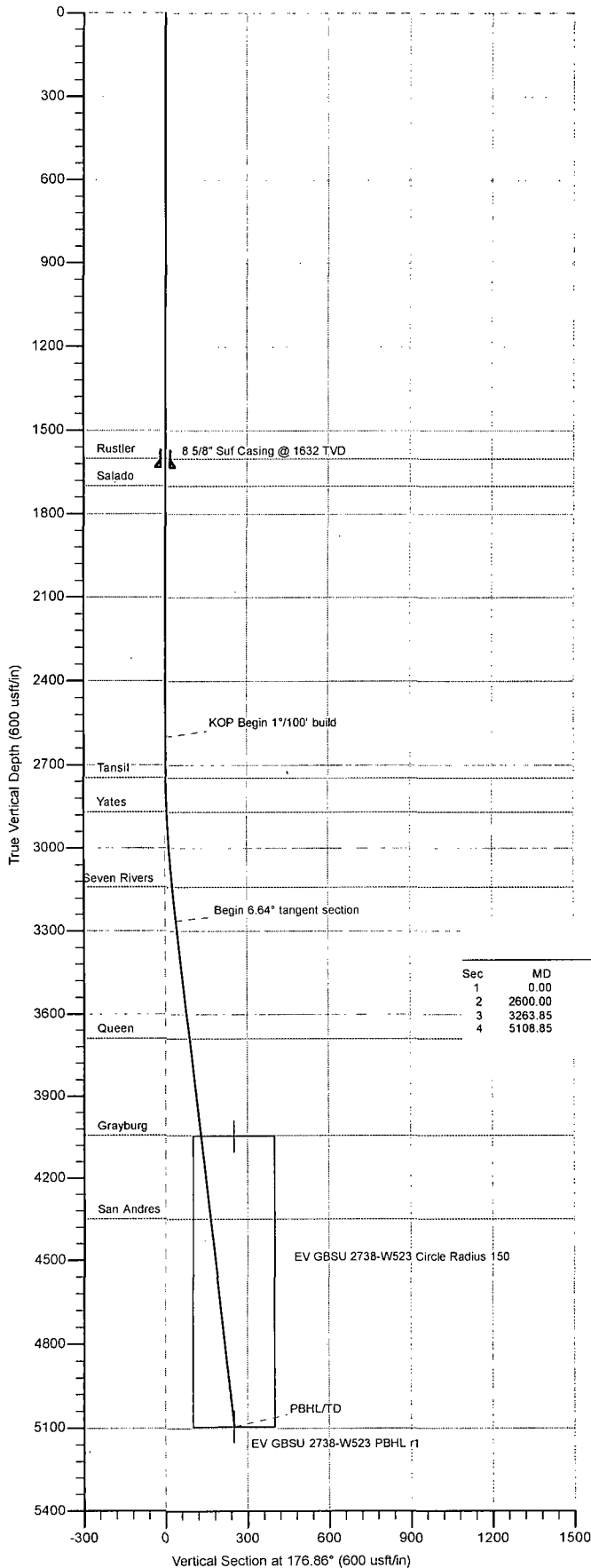
EAST VACUUM GBSA UNIT 2738-W523
SECTION 27, T17S, R35E, N.M.P.M.
2003' FNL 1529' FWL

TOPOGRAPHIC MAP

TOPO C



Well: Well 2738-W523
 Site: East Vacuum GBSA Unit
 Project: Lea County, New Mexico
 Design: rev1
 Rig: PD 194



Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 1 1/100' build
3	3263.85	6.64	176.86	3262.37	-38.36	2.10	1.00	176.86	38.42	Begin 6.64° tangent section
4	5108.85	6.64	176.86	5095.00	-251.33	13.78	0.00	0.00	251.71	PBHL/TD

Surface Location: RKB=3944+14 @ 3958.00usft (PD 194)
 US State Plane 1927 (Exact solution)
 New Mexico East 3001

Northing: 658619.50 Easting: 771840.78 Latitude: 32° 48' 27.026841 N Longitude: 103° 26' 54.908329 W

Total Correction (M => G) To convert a Magnetic Direction to a Grid Direction, Add 6.86°

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1602.00	1602.00	Rustler
1700.00	1700.00	Salado
2747.00	2747.02	Tansil
2870.00	2870.10	Yates
3140.00	3140.80	Seven Rivers
3690.00	3694.37	Queen
4045.00	4051.77	Grayburg
4350.00	4358.83	San Andres



Azimuths to Grid North
 True North: -0.48°
 Magnetic North: 6.86°

Magnetic Field
 Strength: 48729.0nT
 Dip Angle: 60.66°
 Date: 4/22/2014
 Model: USER DEFINED

