

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

HOBBS OCC
MAY 05 2014

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41830	² Pool Code G3805	³ Well Name SAND DUNES; BS, SOUTH
⁴ Property Code 313194	⁵ Property Name JAMES 20 FEDERAL COM	
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	
	⁶ Well Number 34H	⁹ Elevation 3674'

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
C	20	23S	32E		330	NORTH	2310	WEST	LEA

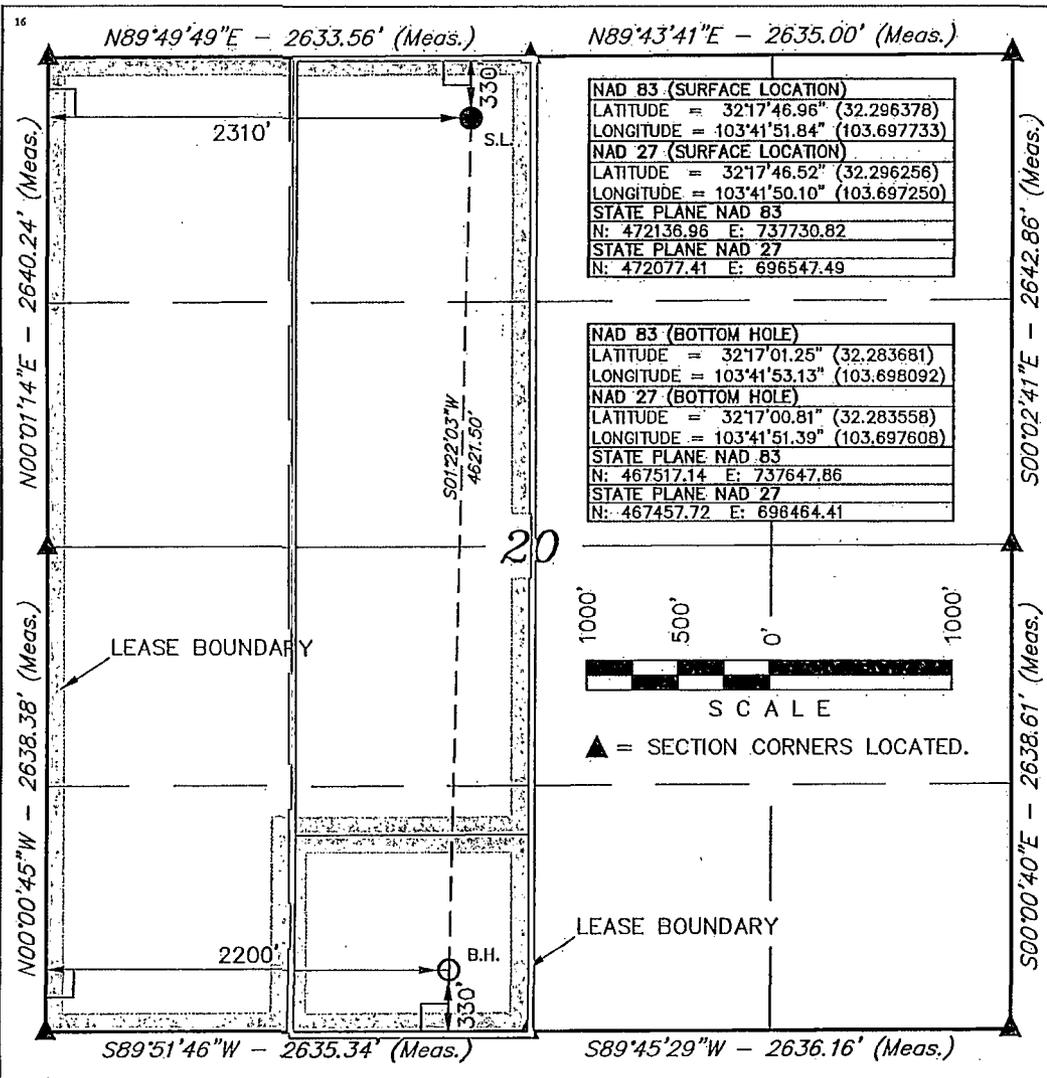
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	23S	32E		330	SOUTH	2200	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

oil
4-30-14
13816



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.

Signature: Hope Knauls
Date: 2/11/13

Printed Name: Hope Knauls
E-mail Address: hknauls@cimarex.com

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.

September 9, 2013

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

MAY 13 2014

JM

CIMAREX ENERGY CO.
JAMES 20 FEDERAL COM 34H
SECTION 20, T23S, R32E, N.M.P.M.

BEGINNING AT HIGHWAY 128 PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE JAMES 20 FEDERAL COM 26H TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 1,198' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTLERY, THEN NORTHERLY DIRECTION APPROXIMATELY 538' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM HIGHWAY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 5.3 MILES.

Exhibit I

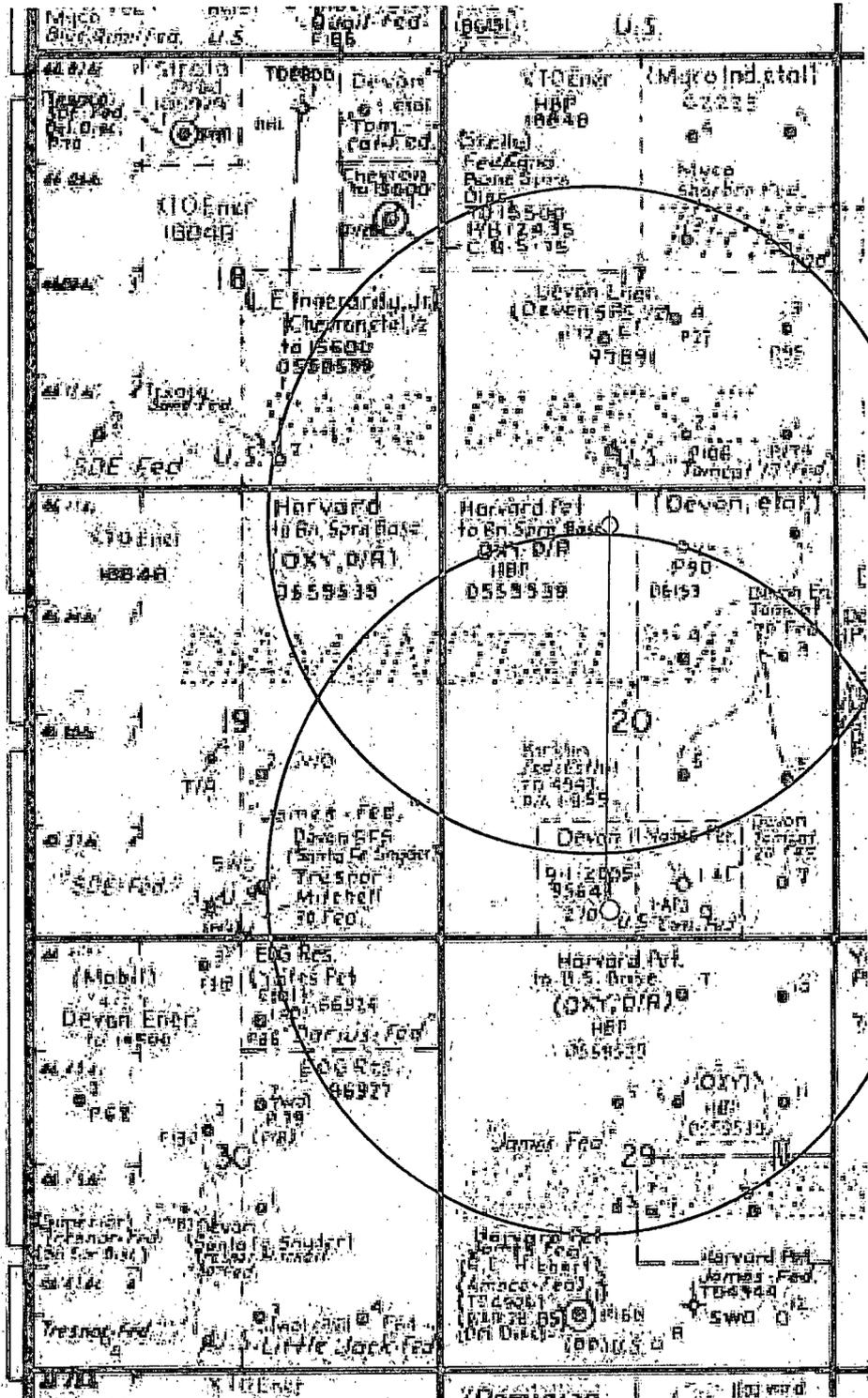
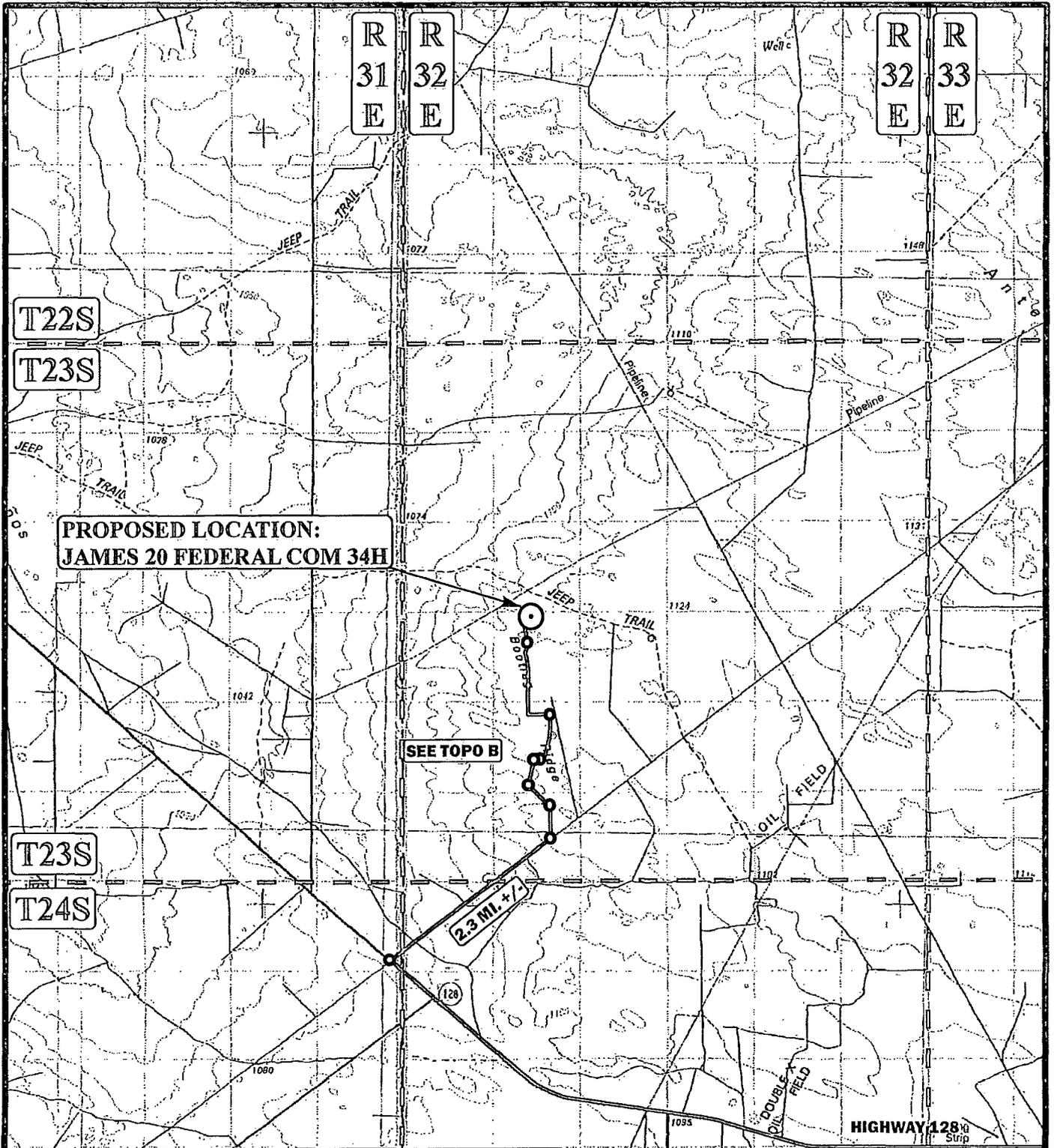


Exhibit A – One Mile Radius Map
 James 20 Federal Com 34H
 Cimarex Energy Co.
 20-23S-32E
 SHL 330 FNL & 2310 FWL
 BHL 330 FSL & 2200 FWL
 Lea County, NM



LEGEND:
 ○ PROPOSED LOCATION

MALAGA, NEW MEXICO IS
 +/- 22.4 MILES WESTERLY

SCALE: 1:100,000
 DRAWN BY: J.L.H.
 DATE DRAWN: 09-14-13

REVISED: 10-08-13
 REV:10-17-13J.L.G.



CIMAREX CIMAREX ENERGY CO.

JAMES 20 FEDERAL COM 34H
 SECTION 20, T23S, R32E, N.M.P.M.
 330' FNL 2310' FWL



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

ACCESS ROAD MAP TOPO A

Exhibit B

9 T23S

**PROPOSED LOCATION:
JAMES 20 FEDERAL COM 34H**

R
32
E

LEGEND:
● EXISTING WELLS

SCALE: 1" = 2000'

DRAWN BY: J.L.H.

DATE DRAWN: 09-14-13

REVISED:



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CIMAREX ENERGY CO.

JAMES 20 FEDERAL COM 34H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 2310' FWL

TOPOGRAPHIC MAP

TOPO C

Exhibit C

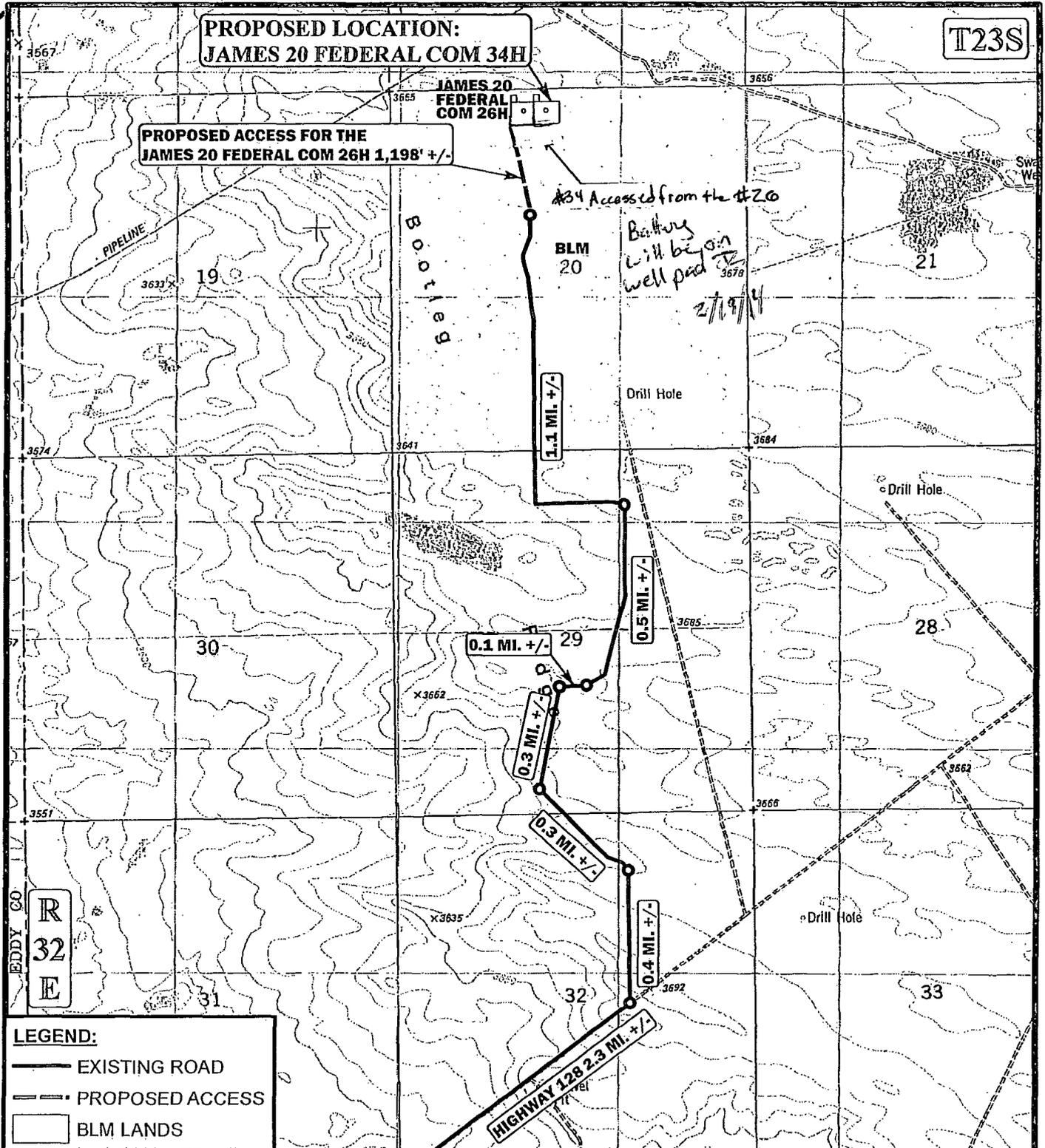
**PROPOSED LOCATION:
JAMES 20 FEDERAL COM 34H**

T23S

**JAMES 20
FEDERAL
COM 26H**

**PROPOSED ACCESS FOR THE
JAMES 20 FEDERAL COM 26H 1,198' +/-**

*#34 Accessed from the #26
Benching
will be on
well pad
2/19/14*



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS
- BLM LANDS

*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 UTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'	REVISED: 10-08-13
DRAWN BY: J.L.H.	REV:10-17-13J.L.G.
DATE DRAWN: 09-14-13	



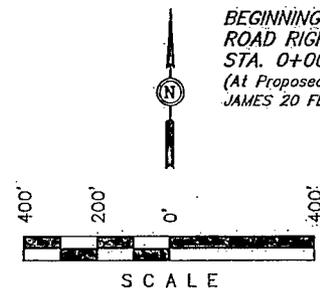
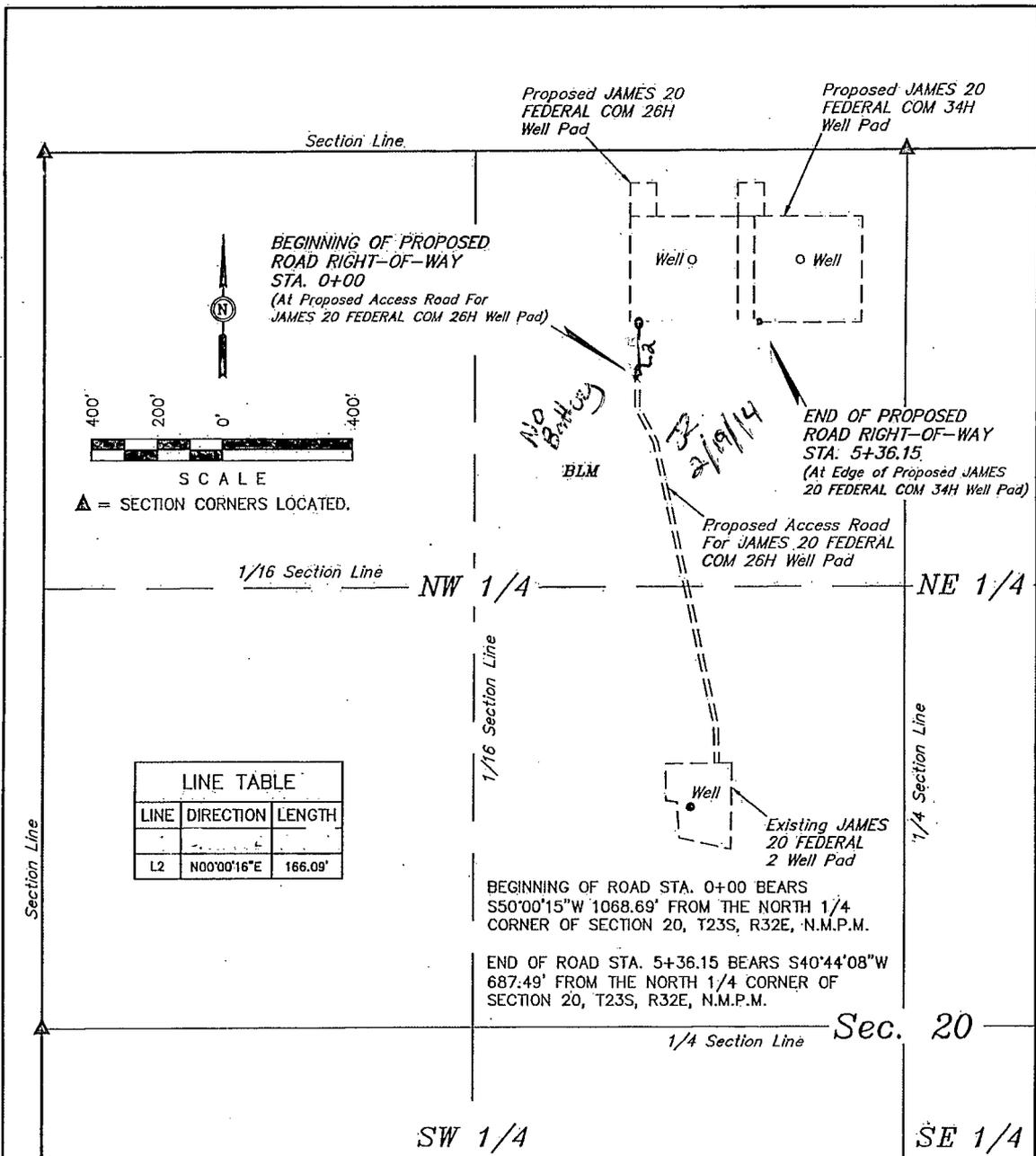
CIMAREX **CIMAREX ENERGY CO.**

JAMES 20 FEDERAL COM 34H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 2310' FWL



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ACCESS ROAD MAP **TOPO B**



SCALE
 Δ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L2	N00°00'16"E	166.09'

BEGINNING OF ROAD STA. 0+00 BEARS S50°00'15"W 1068.69' FROM THE NORTH 1/4 CORNER OF SECTION 20, T23S, R32E, N.M.P.M.
 END OF ROAD STA. 5+36.15 BEARS S40°44'08"W 687.49' FROM THE NORTH 1/4 CORNER OF SECTION 20, T23S, R32E, N.M.P.M.

ROAD RIGHT-OF-WAY DESCRIPTION

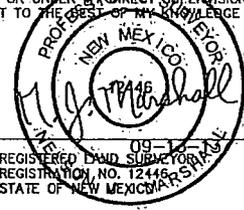
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 20, T23S, R32E, N.M.P.M., WHICH BEARS S50°00'15"W 1068.69' FROM THE NORTH 1/4 CORNER OF SAID SECTION 20, THENCE S89°58'37"E 370.06'; THENCE N00°00'16"E 166.09' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 20, WHICH BEARS S40°44'08"W 687.49' FROM THE NORTH 1/4 CORNER OF SAID SECTION 20. 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 G.P.S. OBSERVATION. CONTAINS 0.369 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
BLM	536.15	0.369	32.49

CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



NOTES:
 • The maximum grade of existing ground for the proposed access road is ±2%.

Exhibit D-1

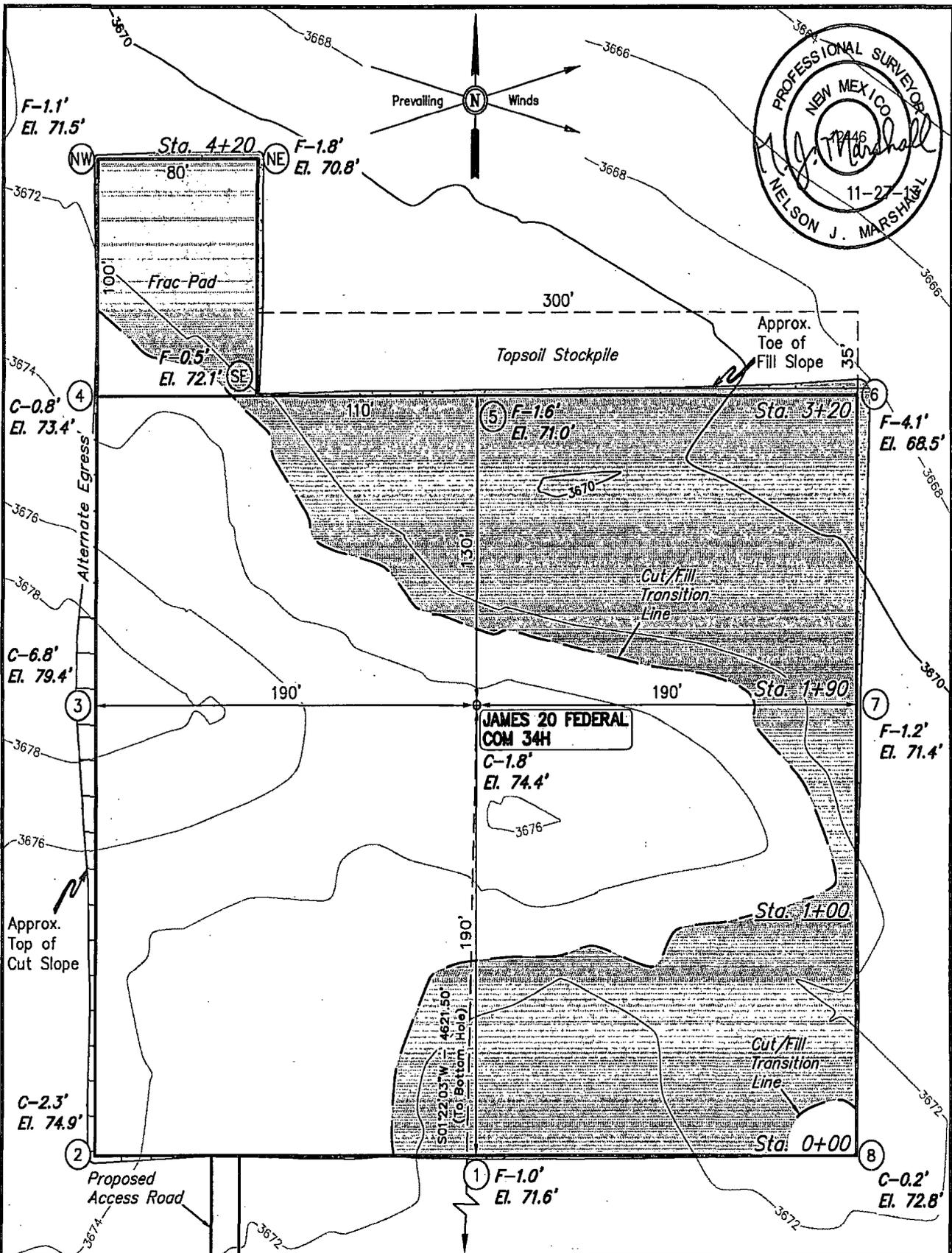
CIMAREX ENERGY CO.
 JAMES 20 FEDERAL COM 34H
 SECTION 20, T23S, R32E, N.M.P.M.
 330' FNL 2310' FWL

UINTAH
 ENGINEERING & LAND SURVEYING

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

DRAWN BY: J.S. SCALE: 1" = 400'
 DATE: 09-15-13 REVISED:

Battery pad Diagram



ELEV. UNGRADED GROUND AT LOC. STAKE = 3674.4' FINISHED GRADE ELEV. AT LOC. STAKE = 3672.6'

NOTES:

• Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.



CIMAREX ENERGY CO.

Exhibit D-2

JAMES 20 FEDERAL COM 34H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 2310' FWL



Corporate Office * 85 South 200 East
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DRAWN BY: J.S.

SCALE: 1" = 60'

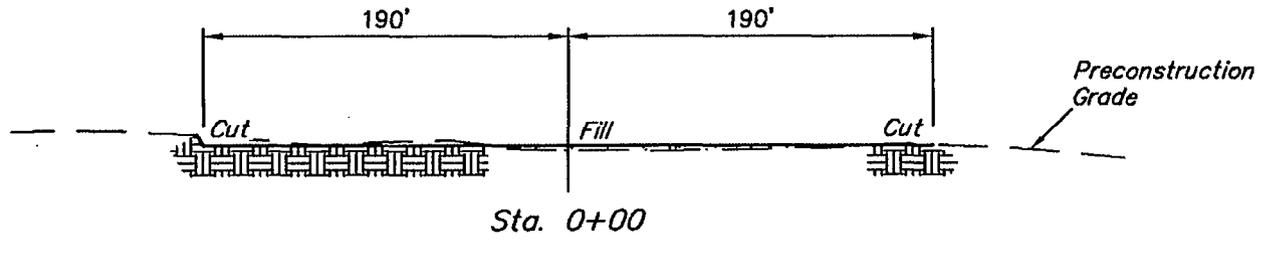
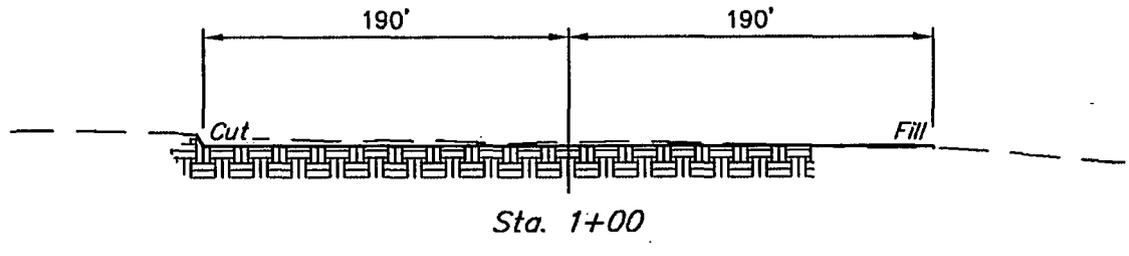
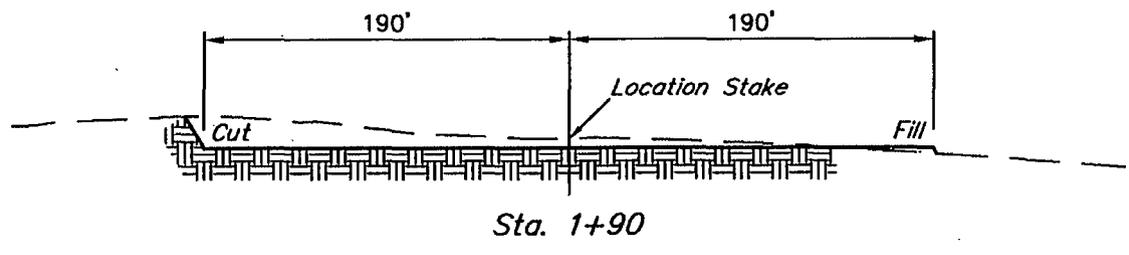
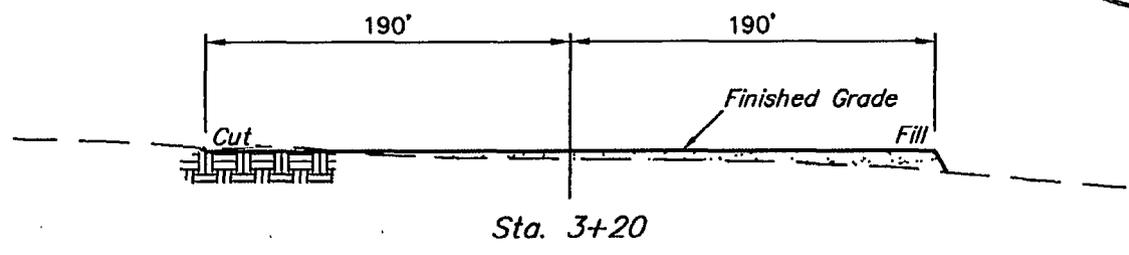
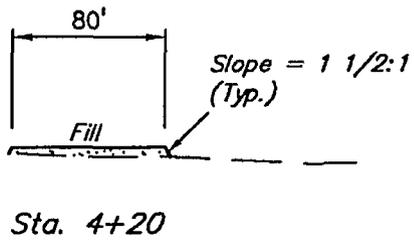
DATE: 09-15-13

REV: 11-27-13 B.D.H.

LOCATION LAYOUT

EXHIBIT D

1" = 40'
 X-Section Scale
 1" = 100'



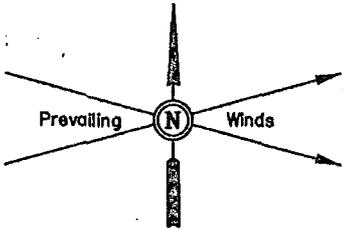
APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS	
(5") TOPSOIL STRIPPING	2,070 Cu. Yds.		
REMAINING LOCATION	3,930 Cu. Yds.	WELL SITE DISTURBANCE	N/A ±3.293
TOTAL CUT	6,000 Cu. Yds.	30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1733.17' ±1.194
FILL	3,930 Cu. Yds.	TOTAL SURFACE USE AREA	±1733.17' ±4.487
EXCESS MATERIAL	2,070 Cu. Yds.		
TOPSOIL	2,070 Cu. Yds.		
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.		

NOTES:
 • Fill quantity includes 5% for compaction.
 • Topsoil should not be stripped below finished grade on substructure area.

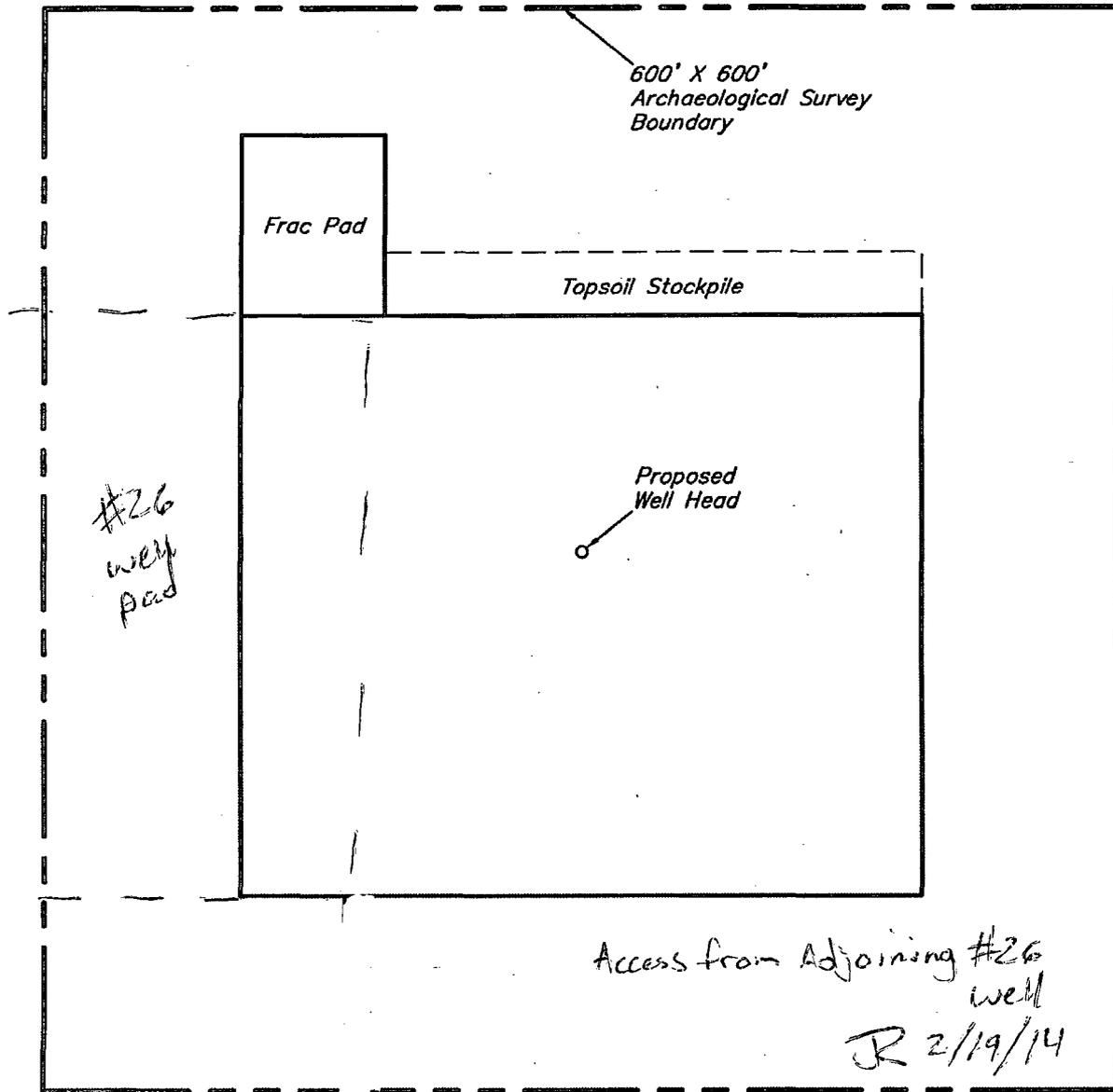
CIMAREX **CIMAREX ENERGY CO.**
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 Corporate Office * 85 South 200 East
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DRAWN BY: J.S. SCALE: AS SHOWN
 DATE: 09-15-13 REV: 11-27-13 B.D.H.
TYPICAL CROSS SECTIONS **EXHIBIT D**



SECTION 17
SECTION 20



NOTES:



CIMAREX ENERGY CO.

JAMES 20 FEDERAL COM 34H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 2310' FWL

DRAWN BY: J.S.	SCALE: 1" = 100'
DATE: 09-15-13	REV: 11-27-13 B.D.H.



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

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

EXHIBIT D