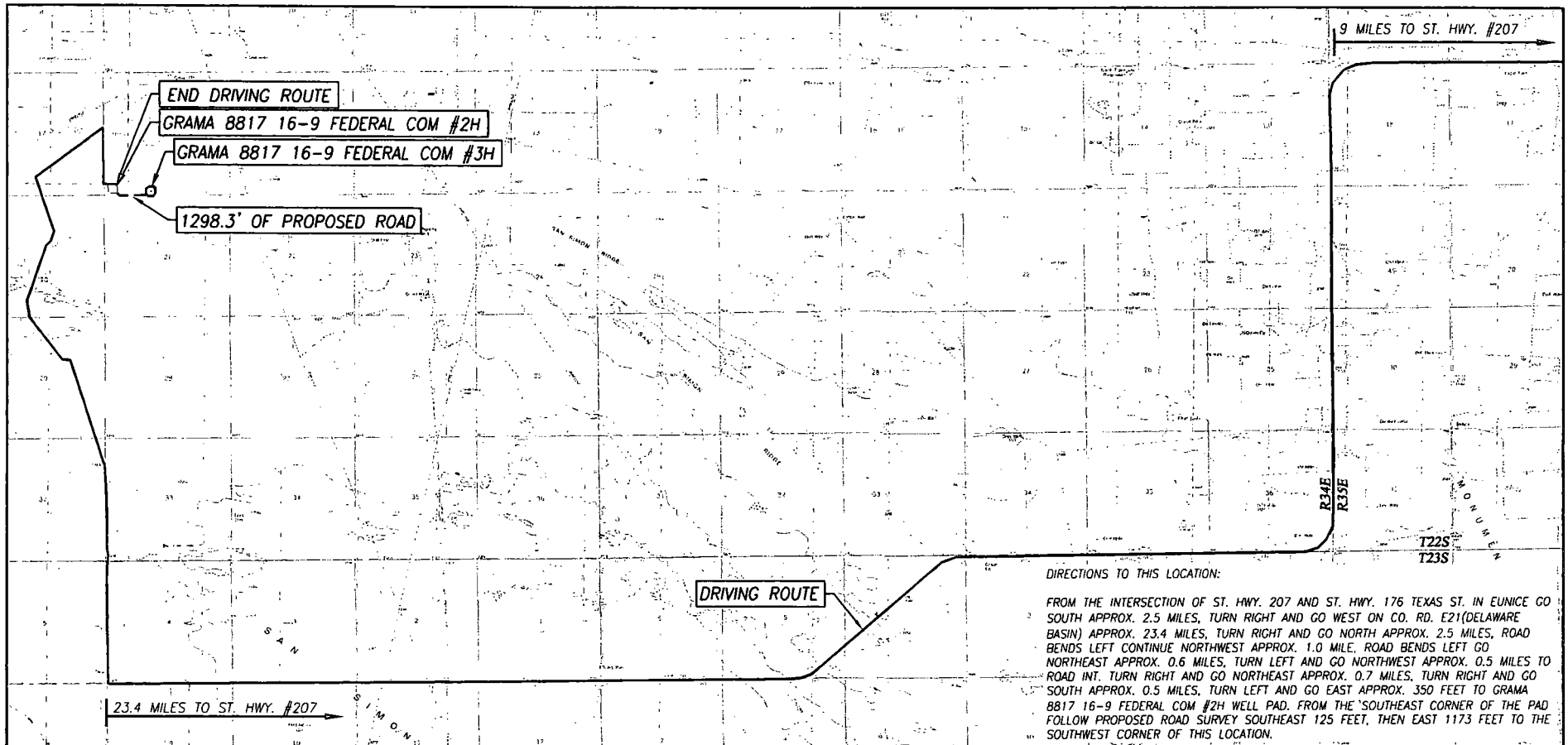


TOPOGRAPHIC AND ACCESS ROAD MAP



SEC. 16 TWP. 22-S RGE. 34-E
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 200' FSL & 1980' FWL
 ELEVATION 3480'
 OPERATOR BTA OIL PRODUCERS, LLC
 LEASE GRAMA 8817 16-9 FEDERAL COM
 U.S.G.S. TOPOGRAPHIC MAP
 SAN SIMON RANCH, N.M. SURVEY N.M.P.M.

SCALE: 1" = 5280'

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF ST. HWY. 207 AND ST. HWY. 176 TEXAS ST. IN EUNICE GO SOUTH APPROX. 2.5 MILES, TURN RIGHT AND GO WEST ON CO. RD. E21(DELAWARE BASIN) APPROX. 23.4 MILES, TURN RIGHT AND GO NORTH APPROX. 2.5 MILES, ROAD BENDS LEFT CONTINUE NORTHWEST APPROX. 1.0 MILE, ROAD BENDS LEFT GO NORTHEAST APPROX. 0.6 MILES, TURN LEFT AND GO NORTHWEST APPROX. 0.5 MILES TO ROAD INT. TURN RIGHT AND GO NORTHEAST APPROX. 0.7 MILES, TURN RIGHT AND GO SOUTH APPROX. 0.5 MILES, TURN LEFT AND GO EAST APPROX. 350 FEET TO GRAMA 8817 16-9 FEDERAL COM #2H WELL PAD. FROM THE SOUTHEAST CORNER OF THE PAD FOLLOW PROPOSED ROAD SURVEY SOUTHEAST 125 FEET, THEN EAST 1173 FEET TO THE SOUTHWEST CORNER OF THIS LOCATION.

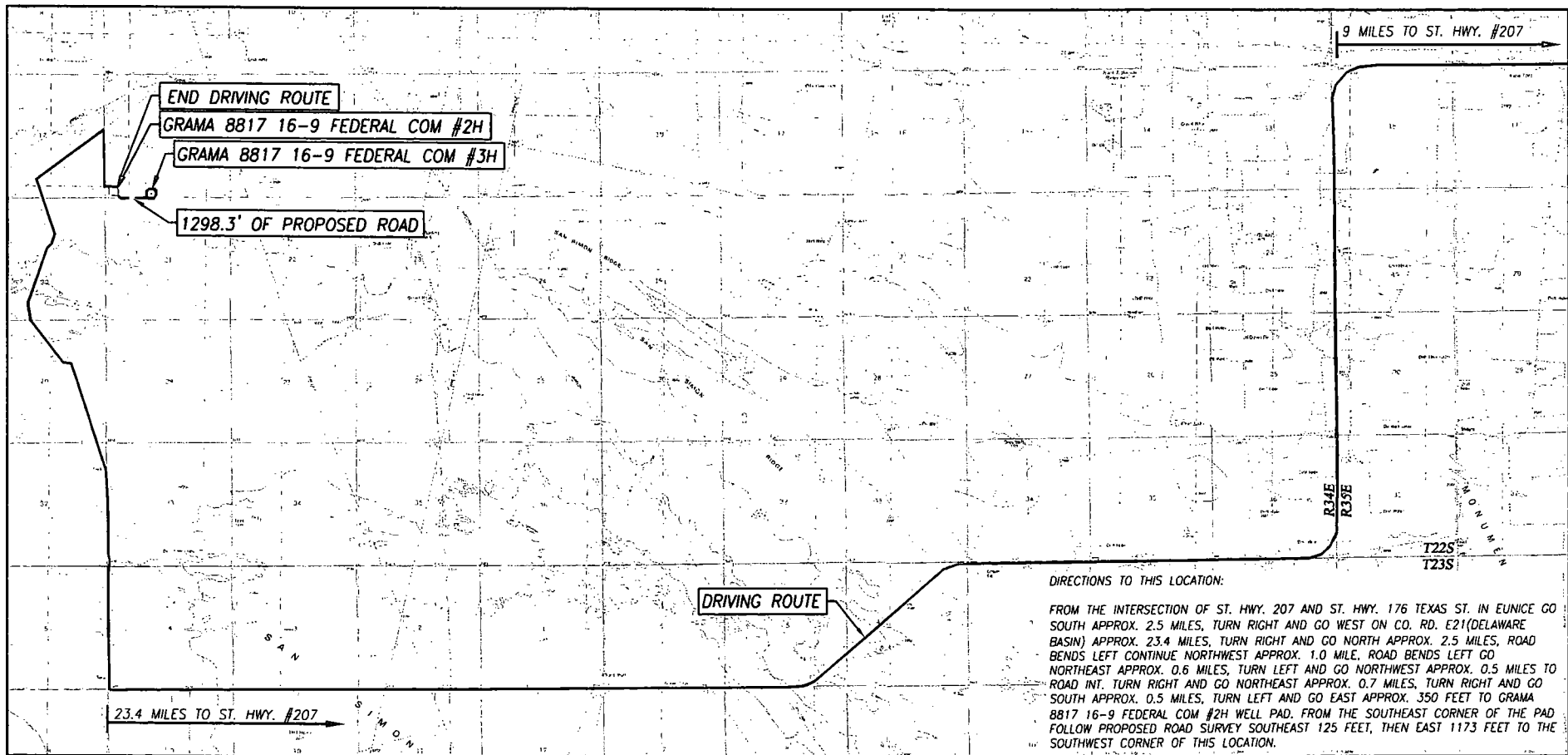
CONTOUR INTERVAL:

SAN SIMON RANCH, N.M. - 10' / SAN SIMON SINK, N.M. - 10'
 OIL CENTER, N.M. - 10' / EAST LAKE, N.M. - 10'



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000

TOPOGRAPHIC AND ACCESS ROAD MAP



SEC. 16 TWP. 22-S RGE. 34-E
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 200' FSL & 1980' FWL
 ELEVATION 3480'
 OPERATOR BTA OIL PRODUCERS, LLC
 LEASE GRAMA 8817 16-9 FEDERAL COM
 U.S.G.S. TOPOGRAPHIC MAP
 SAN SIMON RANCH, N.M. SURVEY N.M.P.M.

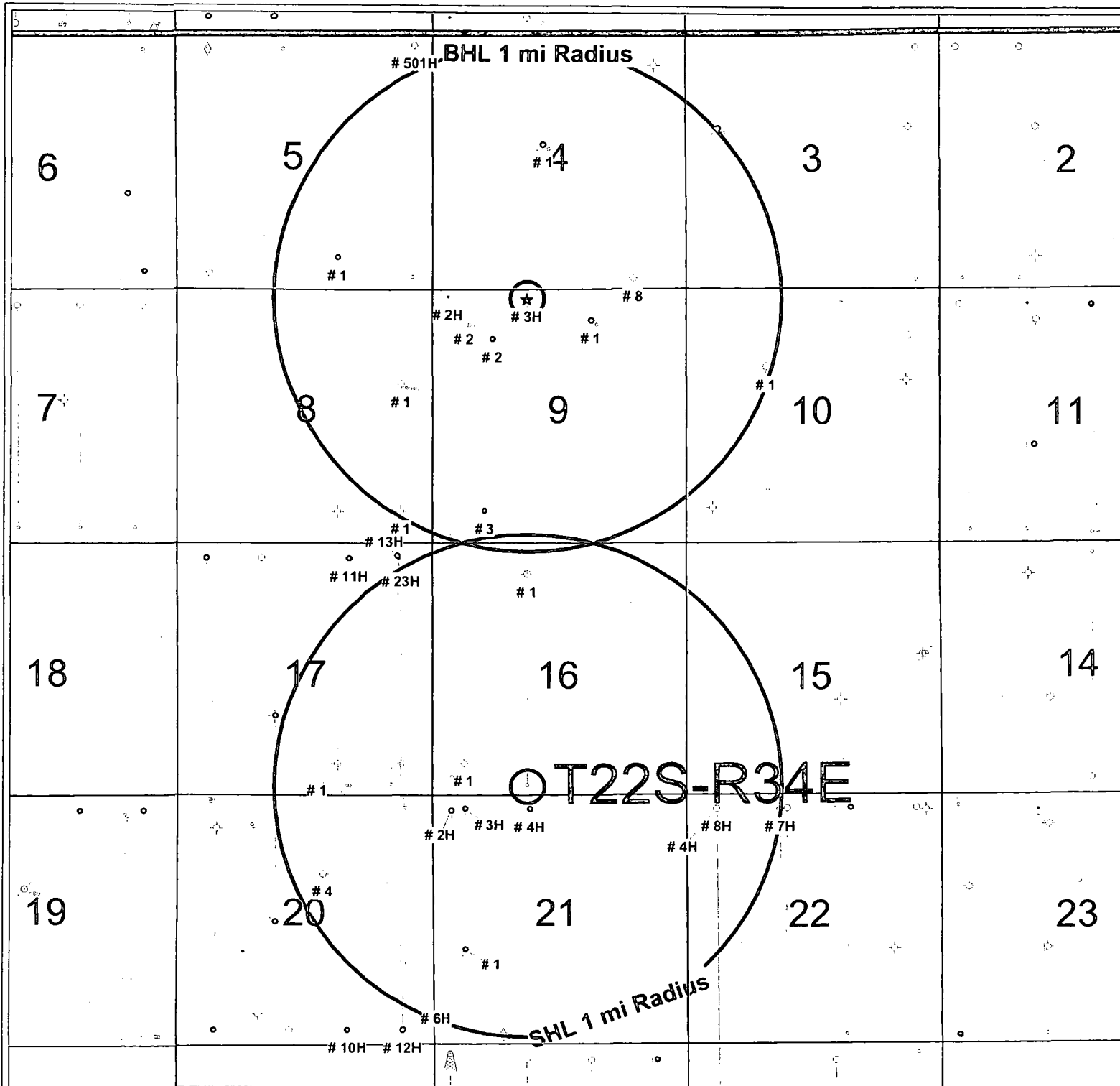
SCALE: 1" = 5280'

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF ST. HWY. 207 AND ST. HWY. 176 TEXAS ST. IN EUNICE GO SOUTH APPROX. 2.5 MILES, TURN RIGHT AND GO WEST ON CO. RD. E21(DELAWARE BASIN) APPROX. 23.4 MILES, TURN RIGHT AND GO NORTH APPROX. 2.5 MILES, ROAD BENDS LEFT CONTINUE NORTHWEST APPROX. 1.0 MILE, ROAD BENDS LEFT GO NORTHEAST APPROX. 0.6 MILES, TURN LEFT AND GO NORTHWEST APPROX. 0.5 MILES TO ROAD INT. TURN RIGHT AND GO NORTHEAST APPROX. 0.7 MILES, TURN RIGHT AND GO SOUTH APPROX. 0.5 MILES, TURN LEFT AND GO EAST APPROX. 350 FEET TO GRAMA 8817 16-9 FEDERAL COM #2H WELL PAD. FROM THE SOUTHEAST CORNER OF THE PAD FOLLOW PROPOSED ROAD SURVEY SOUTHEAST 125 FEET, THEN EAST 1173 FEET TO THE SOUTHWEST CORNER OF THIS LOCATION.

CONTOUR INTERVAL:
 SAN SIMON RANCH, N.M. - 10'/ SAN SIMON SINK, N.M. - 10'
 OIL CENTER, N.M. - 10'/ EAST LAKE, N.M. - 10'

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000



BTA Oil Producers, LLC

Grama 8817 16-9 Fed Com #3H - Radius Map

SHL:200'FSL & 1980'FWL Sec.16, T22S-R34E
 BHL:200'FNL & 1980'FWL Sec.9, T22S-R34E

Lea County, New Mexico

WELL SYMBOLS

- ★ Proposed Location
- Location Only
- Drilling Well
- Drilled, Waiting on Completion
- Oil Well
- Gas Well
- Dry Hole
- Plugged & Abandoned Oil Well
- Plugged & Abandoned Gas Well
- Junked
- Dry Hole With Oil Show
- Dry Hole With Oil & Gas Show
- Gas Injection Well
- Pilot Hole

REMARKS

Grama 8817 16-9 Fed Com #3H Highlighted In Yellow

Surface Hole Location 1 Mile Radius in Red Dash
 Bottom Hole Location 1 Mile Radius in Red

By: JHB

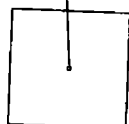
0 2,782 5,564
 FEET

October 25, 2016

Grama 8817 16-9 Fed Com #3H - 1mi Radius Well Data

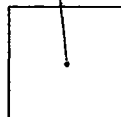
UWI (APINum)	Operator	Well Name	Well #	Sec	Twp	Rng	Surf Lat	Surf Lon	Bot Lat	Bot Lon	SHL Ftg Calls	TD	Status
3002521334	ENSTOR GRAMA RIDGE	FEDERAL GR-4	1	4	22S	34E	32.4215552	-103.4754644	0	0	2310'FNL & 2310'FWL	14870	ACTIVE
3002539922	ENSTOR GRAMA RIDGE	GRAMA RIDGE MORROW UNIT	8	4	22S	34E	32.4136344	-103.4692613	32.4138764	-103.4694568	126'FSL & 1048'FEL	13460	ACTIVE
3002528551	TRAINER C W	FEDERAL	1	5	22S	34E	32.4150933	-103.4894063	0	0	660'FSL & 1980'FEL	14054	INACTIVE
3002542957	EOG RESOURCES INC	UPTURN 5 FEDERAL	501H	5	22S	34E	32.4139349	-103.4843909	32.4272247	-103.4841219	250'FSL & 430'FEL		PERMITTED LOC
3002530046	JUDAH OIL	GRAMA RIDGE 8 STATE	1	8	22S	34E	32.4078105	-103.4851633	0	0	1980'FNL & 660'FEL	13570	ACTIVE
3002537160	OXY USA WTP LP	OXY GR 8 STATE	1	8	22S	34E	32.4005649	-103.4851937	0	0	660'FSL & 660'FEL	13507	DRY
3002508475	HUMBLE OIL & REFG CO	SAUNDERS	2	9	22S	34E	32.4114328	-103.4808712	0	0	660'FNL & 660'FWL	4265	INACTIVE
3002530686	ENSTOR GRAMA RIDGE	GRAMA RIDGE FEDERAL 8817 JV-P	1	9	22S	34E	32.4114635	-103.4722874	0	0	660'FNL & 1980'FEL	13350	ACTIVE
3002530884	BTA OIL PRODUCERS, LLC	GRAMA RIDGE FEDERAL	2	9	22S	34E	32.410379	-103.4788895	0	0	1046'FNL & 1273'FWL	13375	INACTIVE
3002535007	BTA OIL PRODUCERS, LLC	8817 JV-P GRAMA RIDGE FEDERAL	3	9	22S	34E	32.400554	-103.4794917	0	0	660'FSL & 1100'FWL	13360	INACTIVE
3002521719	EOG RESOURCES INC	GOVERNMENT A	1	10	22S	34E	32.4087653	-103.4605344	0	0	1650'FNL & 1650'FWL	13400	INACTIVE
3002530561	BTA OIL PRODUCERS, LLC	GRAMA 8817 JV-P COM	1	16	22S	34E	32.3969234	-103.4766563	0	0	660'FNL & 1980'FWL	13500	ACTIVE
3002534628	BTA OIL PRODUCERS, LLC	8817 JV-P GRAMA C	1	16	22S	34E	32.3860322	-103.4809786	0	0	660'FSL & 660'FWL	13391	ACTIVE
3002543426	BTA OIL PRODUCERS, LLC	GRAMA 8817 JV-P FED COM	2H	16	22S	34E	32.385229	-103.48183	32.4128148	-103.4819657	330'FSL & 380'FWL	20168	ACTIVE
	BTA OIL PRODUCERS, LLC	GRAMA 8817 16-9 FED COM	3H	16	22S	34E	32.3847721	-103.4767082	32.4127125	-103.4765887	200'FSL & 1980'FWL		REC-LOC
3002508480	YORK & HARPER INC	RICKER	1	17	22S	34E	32.3860651	-103.48953	0	0	660'FSL & 1980'FEL	5000	DRY
3002534789	DEVON ENERGY PROD	GAUCHO UNIT	6H	17	22S	34E	32.3860418	-103.4852543	32.3706288	-103.4850267	660'FSL & 660'FEL	16716	ACTIVE
3002541183	DEVON ENERGY PROD	GAUCHO UNIT	10H	17	22S	34E	32.3847973	-103.4888874	32.3706474	-103.4888287	200'FSL & 1780'FEL	16126	ACTIVE
3002541184	DEVON ENERGY PROD	GAUCHO UNIT	11H	17	22S	34E	32.3847964	-103.4887255	32.3978561	-103.4888038	200'FSL & 1730'FEL	16010	ACTIVE
3002542814	DEVON ENERGY PROD	GAUCHO UNIT	23H	17	22S	34E	32.3848499	-103.4859394	32.3978445	-103.4853586	225'FSL & 870'FEL	15832	ACTIVE
3002533930	DEVON ENERGY PROD	GAUCHO UNIT	4	20	22S	34E	32.3797216	-103.4905729	0	0	1650'FNL & 2310'FEL	13440	ACTIVE
3002541564	DEVON ENERGY PROD	GAUCHO UNIT	12H	20	22S	34E	32.3834704	-103.4849811	32.3706018	-103.4852111	275'FNL & 575'FEL	14916	ACTIVE
3002541565	DEVON ENERGY PROD	GAUCHO UNIT	13H	20	22S	34E	32.3836078	-103.4849821	32.3979786	-103.4854513	225'FNL & 575'FEL	15378	ACTIVE
3002534266	DEVON ENERGY PROD	GAUCHO 21 FEDERAL	1	21	22S	34E	32.3752543	-103.4809198	0	0	1980'FSL & 660'FWL	13450	ACTIVE
3002540626	DEVON ENERGY PROD	GAUCHO 21 FEDERAL	2H	21	22S	34E	32.3708429	-103.4818102	32.3832931	-103.4818675	375'FSL & 375'FWL	12600	ACTIVE
3002542136	DEVON ENERGY PROD	GAUCHO 21 FEDERAL	3H	21	22S	34E	32.370362	-103.478325	32.3834112	-103.4809202	200'FSL & 1450'FWL	14917	ACTIVE
3002542137	DEVON ENERGY PROD	GAUCHO 21 FEDERAL	4H	21	22S	34E	32.370362	-103.4781631	32.3833835	-103.4766301	200'FSL & 1500'FWL	14890	ACTIVE
3002543164	COG OPERATING LLC	SQUINTS FEDERAL COM	4H	27	22S	34E	32.3557847	-103.4637599	32.3833807	-103.4639516	190'FSL & 660'FWL		PERMITTED LOC
3002543167	COG OPERATING LLC	SQUINTS FEDERAL COM	7H	27	22S	34E	32.3557692	-103.4593884	32.3833701	-103.4596767	190'FSL & 2010'FWL		PERMITTED LOC
3002543168	COG OPERATING LLC	SQUINTS FEDERAL COM	8H	27	22S	34E	32.3557844	-103.4636627	32.3833798	-103.4639516	190'FSL & 690'FWL		PERMITTED LOC

GRAMA 8817 16-9 FED COM #2H
CENTRAL TANK BATTERY
NAD 83 NME
LAT.=32.385353°
LONG.=103.482312°



1298.3'

GRAMA 8817 16-9 FED COM #3H
NAD 83 NME
LAT.=32.385007°
LONG.=103.477130°



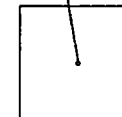
930.3'

GRAMA 8817 16-9 FED COM #4H
NAD 83 NME
LAT.=32.385007°
LONG.=103.472821°



1249.11'

GRAMA 8817 16-9 FED COM #5H
NAD 83 NME
LAT.=32.384996°
LONG.=103.467478°



BTA OIL PRODUCERS, LLC

GRAMA 8817 16-9 FED COM LEASE

PROPOSED FLOWLINE PLAT

SECTION 16, T22S, R34E

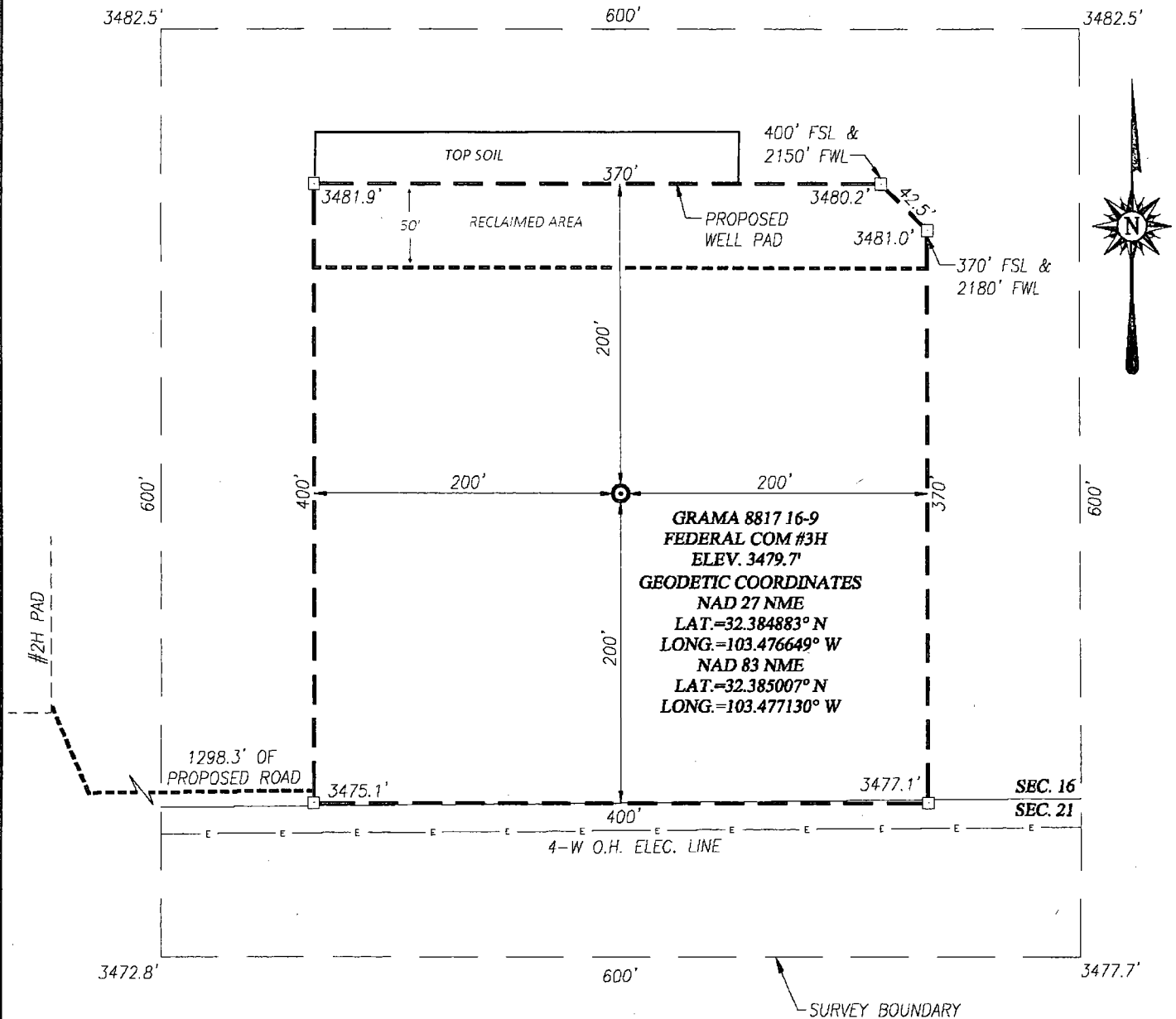
LEA COUNTY, NEW MEXICO

BTA OIL PRODUCERS, LLC
WATER SOURCE AND TRANSPORTATION MAP
GRAMA 8817 16-9 FED COM #3H
SECTION 16, T22S-R34E



Penwell Energy
WR 00878

WELL SITE PLAN

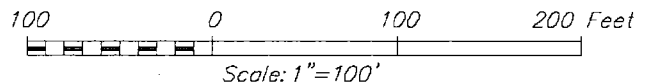


DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF ST. HWY. 207 AND ST. HWY. 176 TEXAS ST. IN EUNICE GO SOUTH APPROX. 2.5 MILES, TURN RIGHT AND GO WEST ON CO. RD. E21(DELWARE BASIN) APPROX. 23.4 MILES, TURN RIGHT AND GO NORTH APPROX. 2.5 MILES, ROAD BENDS LEFT CONTINUE NORTHWEST APPROX. 1.0 MILE, ROAD BENDS LEFT GO NORTHEAST APPROX. 0.6 MILES, TURN LEFT AND GO NORTHWEST APPROX. 0.5 MILES TO ROAD INT. TURN RIGHT AND GO NORTHEAST APPROX. 0.7 MILES, TURN RIGHT AND GO SOUTH APPROX. 0.5 MILES, TURN LEFT AND GO EAST APPROX. 350 FEET TO GRAMA 8817 16-9 FEDERAL COM #2H WELL PAD. FROM THE SOUTHEAST CORNER OF THE PAD FOLLOW PROPOSED ROAD SURVEY SOUTHEAST 125 FEET, THEN EAST 1173 FEET TO THE SOUTHWEST CORNER OF THIS LOCATION.

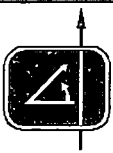
NOTE:

SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION.



BTA OIL PRODUCERS, LLC

GRAMA 8817 16-9 FEDERAL COM #3H WELL LOCATED 200 FEET FROM THE SOUTH LINE AND 1980 FEET FROM THE WEST LINE OF SECTION 16, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

Survey Date: 9/26/16	CAD Date: 11/10/16	Drawn By: ACK
W.O. No.: 16110855	Rev: .	Rel. W.O.:16110712
		Sheet 1 of 1