



Certificate of Analysis

Number: 6030-22040461-004A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Kevin Garrett
Caza Operating
200 N. Loraine St Ste 1550
Midland, TX 79701

May 03, 2022

Station Name: Forehand Ranch 22-8 Allocation
Station Number: 55080023
Station Location: Caza Operating
Sample Point: Meter run
Instrument: 70142339 (Inficon GC-MicroFusion)
Last Inst. Cal.: 05/02/2022 0:00 AM
Analyzed: 05/03/2022 08:06:51 by ERG

Sampled By: John Whitt
Sample Of: Gas Spot
Sample Date: 04/27/2022 12:00
Sample Conditions: 49.4 psig, @ 87.5 °F Ambient: 76 °F
Effective Date: 04/27/2022 12:00
Method: GPA-2261M
Cylinder No: 5030-01467

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.00000	0.000		GPM TOTAL C2+ 6.399
Nitrogen	1.127	1.15606	1.475		GPM TOTAL C3+ 3.294
Methane	74.632	76.53561	55.936		GPM TOTAL iC5+ 0.781
Carbon Dioxide	0.086	0.08778	0.176		
Ethane	11.305	11.59329	15.881	3.105	
Propane	5.686	5.83136	11.714	1.609	
Iso-butane	0.799	0.81918	2.169	0.268	
n-Butane	1.964	2.01400	5.333	0.636	
Iso-pentane	0.480	0.49214	1.618	0.180	
n-Pentane	0.555	0.56895	1.870	0.207	
Hexanes Plus	0.879	0.90163	3.828	0.394	
	97.513	100.00000	100.000	6.399	

Calculated Physical Properties

	Total	C6+
Relative Density Real Gas	0.7606	3.2176
Calculated Molecular Weight	21.95	93.19
Compressibility Factor	0.9960	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1311	5129
Water Sat. Gas Base BTU	1289	5040
Ideal, Gross HV - Dry at 14.696 psia	1306.0	5129.2
Ideal, Gross HV - Wet	1283.2	5039.7

Comments: H2S Field Content 0 ppm

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Caza Flared Gas Calculation Forehand 22 8H/9H CTB

input

calculated

Date	10/25/2022
Reported Flared metered Volume (mcf)	400
Last 7 Day Avg metered Gas Production (mcf)	700.86
% of gas flared vs Produced (% mcf) & (% hrs)	57.1%
Avg Gas production per hour for 24 hrs (mcf)	29.20
number of hours flare was active (hours)	13.70

source

pumpers text

pumpers text

prodman ctb report

NM OIL CONSERVATION

ARTESIA DISTRICT

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 and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

DEC 21 2015

Form C-101
Revised July 18, 2013RECEIVED ☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address CAZA OPERATING, LLC. 200 NORTH LORAIN SUITE 1550 MIDLAND, TEXAS 79701		OGRID Number 249099
Property Code 314249		API Number 30-015-43555
Property Name FOREHAND RANCH 22 STATE		Well No. 8H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	22	23S	27E		2310'	SOUTH	1980'	WEST	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	27	23S	27E		660'	SOUTH	1980'	WEST	EDDY

9. Pool Information

Pool Name Forehand RANCH WOLF CAMP SW	Pool Code 96409
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Additional Well Information

11. Work Type N	12. Well Type O	13. Cable/Rotary ROTARY	14. Lease Type S	15. Ground Level Elevation 3149'
16. Multiple NO	17. Proposed Depth TVD-11,000' MD-17,685'	18. Formation WOLF CAMP	19. Contractor Unknown	20. Spud Date When Approved
Depth to Ground water 100'		Distance from nearest fresh water well .5 miles Northeast		Distance to nearest surface water No surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
COND,	26"	20"	Conductor	120'	Redi-mix	Surface
Surface	17 1/2"	13 3/8"	48#	450'	15415 Sx.	Surface
1st Inter.	12 1/4"	9 5/8"	40#	2200'	616 Sx.	Surface

Casing/Cement Program: Additional Comments

SEE ATTACHED SHEETS

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000 PSI	2000 PSI	Schaffer- Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name: Joe T. Janica

Title: Permit Eng.

E-mail Address: joejanica@valornet.com

Date: 12/15/15

Phone: 575-391-8503

OIL CONSERVATION DIVISION

Approved By:

Title: District Supervisor

Approved Date: 12/29/2015

Expiration Date: 12/29/2017

Conditions of Approval Attached

Type	Hole Size	Casing Size	Weight	Setting Depth	Cement Sx.	TOC
Conductor	26"	20"	NA	120'	Redi-mix	Surface
Surface	17½"	13 3/8"	48#	450'	415 Sx	Surface
1st Inter mediate	12¼"	9 5/8"	40#	2200'	616 Sx	Surface
2nd Inter mediate	8 3/4"	7"	29#	113,000'	1403 Sx	1500' from surface
Prod Liner	6 1/8"	4½"	13.5#	17,685-10,273'	360 Sx	10273' from Surface

1. Set 120' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 450' with fresh water with high viscosity sweeps. Run and set 450' of 13 3/8" 48# H-40 ST&C casing. Cement first stage with 265 Sx. of Class "C" cement + 4% Bentonite, + 2% CaCl, + 0.25# Celloflakes/Sx, Yield 1.75 ft³/Sx. 100% excess, tail in with 150 Sx. of Class "C" cement 100% excess + 2% CaCl, Yield 1.33 ft³/Sx. Circulate cement to surface.
3. Drill 12½" hole to 2200' with Brine water with high viscosity sweeps to clean hole. Run and set 2200' of 935/8" 36# J-55 LT&C casing. Cement first stage with 416 Sx. of Class "C" Lite 35/65 POZ cement + 4% Gel, + 5% salt, Yield 2.16 ft³/Sx. 100% excess, tail in with 200 Sx. of Class "C" cement + 1% CaCl 100% excess Yield 1.33 ft³/Sx. Top of cement surface.
4. Drill 8 3/4" hole to 11,300' with cut Brine. Run and set 1300' of 7" 26# HCP-110 BT&C casing, + 10,000' of 7" 29# HCP-110 LT&C casing. Cement first stage with 758 Sx. of Class "H" 35/65 POZ + 1lb/Sx KOLseal/Sx. 50% excess Yield 1.93 ft³/Sx. Tail in with 645 Sx. of Class "H" cement + loss control + defoamer, Yield 1.17 ft³/Sx. 50% excess top of cement 1500' from surface.
5. Drill 6 1/8" hole to 17,685' with cut Brine. Run and set a 7412' 4½" 13.5% HCP-110 CDP liner. Cement with 360 Sx. of Class "H" SoluCem cement + fluid loss control + Defoamer (Acid Soluble) 35% excess Yield 2.59 ft³/Sx.

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

NM OIL CONSERVATION Form C-102
ARTESIA DISTRICT Revised August 1, 2011
Submit one copy to appropriate District Office
DEC 21 2015
RECEIVED AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015- 43555	Pool Code 96409	Pool Name FOREHAND RANCH-WOLFCAMP SOUTHWEST
Property Code 314249	Property Name FOREHAND 22 STATE	Well Number 8H
OGRID No. 249099	Operator Name CAZA OPERATING, LLC	Elevation 3149'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	22	23-S	27-E		2310	SOUTH	1980	WEST	EDDY

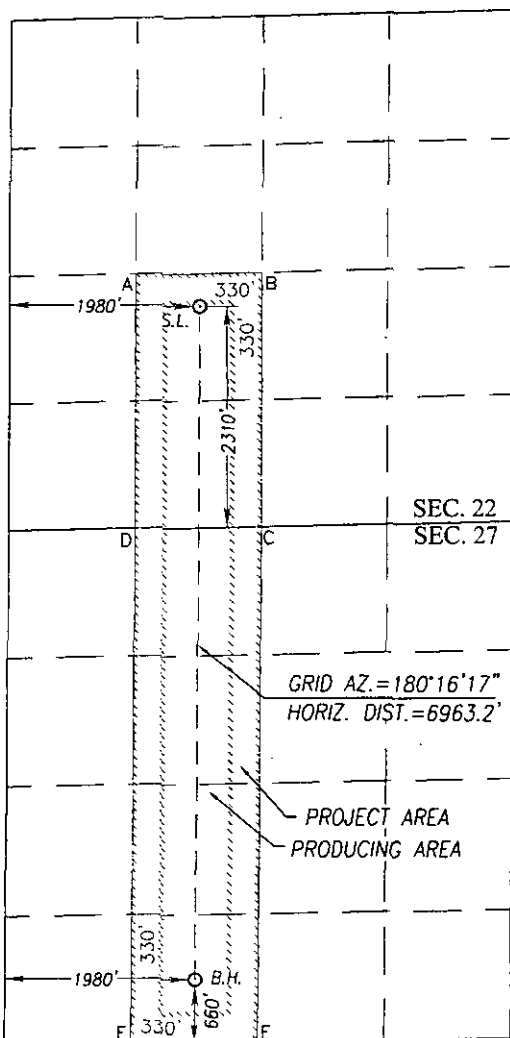
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	27	23-S	27-E		660	SOUTH	1980	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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

SCALE: 1"=2000'



GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 469111.3 N
X= 588693.0 E
LAT.=32.289568° N
LONG.=104.180084° W

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 469052.5 N
X= 547510.6 E
LAT.=32.289448° N
LONG.=104.179586° W

CORNER COORDINATES TABLE

NAD 27 NME

A - Y= 469380.0 N, X= 546844.7 E
B - Y= 469410.0 N, X= 548157.6 E
C - Y= 466756.6 N, X= 548153.0 E
D - Y= 466728.0 N, X= 546839.5 E
E - Y= 461421.5 N, X= 546813.5 E
F - Y= 461441.1 N, X= 548133.3 E

CORNER COORDINATES TABLE

NAD 83 NME

A - Y= 469438.7 N, X= 588027.0 E
B - Y= 469468.8 N, X= 589339.9 E
C - Y= 466815.4 N, X= 589335.4 E
D - Y= 466786.7 N, X= 588021.9 E
E - Y= 461480.0 N, X= 587996.0 E
F - Y= 461499.7 N, X= 589315.8 E

BOTTOM HOLE LOCATION

NAD 83 NME

Y= 462149.8 N
X= 588660.0 E
LAT.=32.270432° N
LONG.=104.180223° W

BOTTOM HOLE LOCATION

NAD 27 NME

Y= 462091.3 N
X= 547477.5 E
LAT.=32.270312° N
LONG.=104.179725° W

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Joe T. Janica
Signature Date
12/15/15
Joe T. Janica
Printed Name
joejanica@valornet.com
E-mail Address

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.

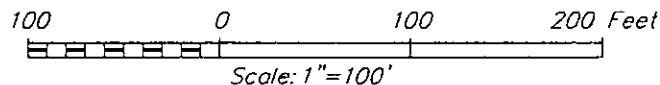
NOVEMBER 12, 2015

Date of Survey
Signature & Seal of Professional Surveyor:

Garrett J. Eidson
NEW MEXICO
REGISTERED SURVEYOR
3239
12/01/2015
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239
LSL JWSC W.O. 15.11.1055

NOTE:
1) SEE "TOPOGRAPHICAL AND ACCESS
ROAD MAP" FOR PROPOSED ROAD
LOCATION.

FROM THE INTERSECTION OF U.S. HWY. 285 AND CO RD. 728
GO WEST ON CO RD. 728 APPROX. 3.8 MILES TO CO. RD. 706,
TURN LEFT ON CO. RD. 706 AND GO SOUTH APPROX. 0.4
MILES, TURN RIGHT AND GO SOUTH-SOUTHWEST APPROX. 0.8
MILES, THEN TURN RIGHT AND GO WEST APPROX. 0.2 MILES.
TURN RIGHT AND GO NORTH APPROX. 0.2 MILES, TURN LEFT
AND GO WEST APPROX. 0.2 MILES TO AN EXISTING WELL PAD,
FROM THE NW COR. OF THE PAD FOLLOW ROAD STAKES
NORTH-NORTHWEST FOR .25 MILES TO THIS LOCATION.



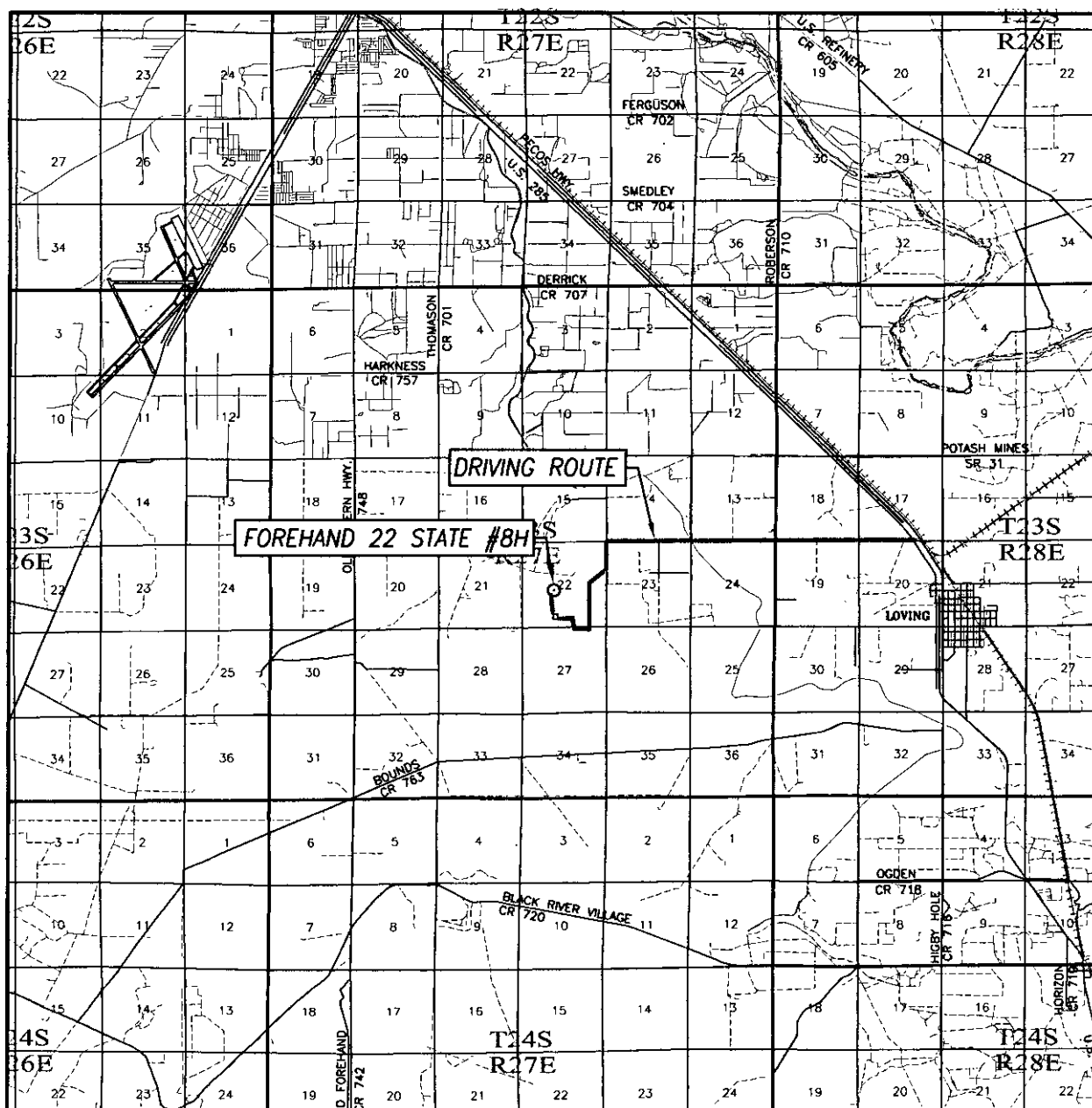
FOREHAND 22 STATE #8H WELL
LOCATED 2310 FEET FROM THE SOUTH LINE
AND 1980 FEET FROM THE WEST LINE OF SECTION 22,
TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Sheet 1 of 1



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

VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE TOPOGRAPHICAL AND ACCESS ROAD MAP

SEC. 22 TWP. 23-S RGE. 27-E

SURVEY N.M.P.M.

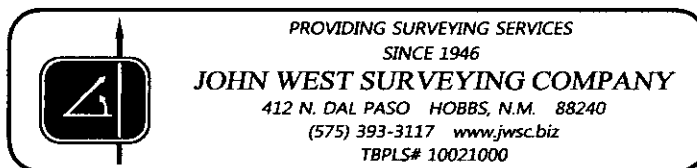
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 2310' FSL & 1980' FWL

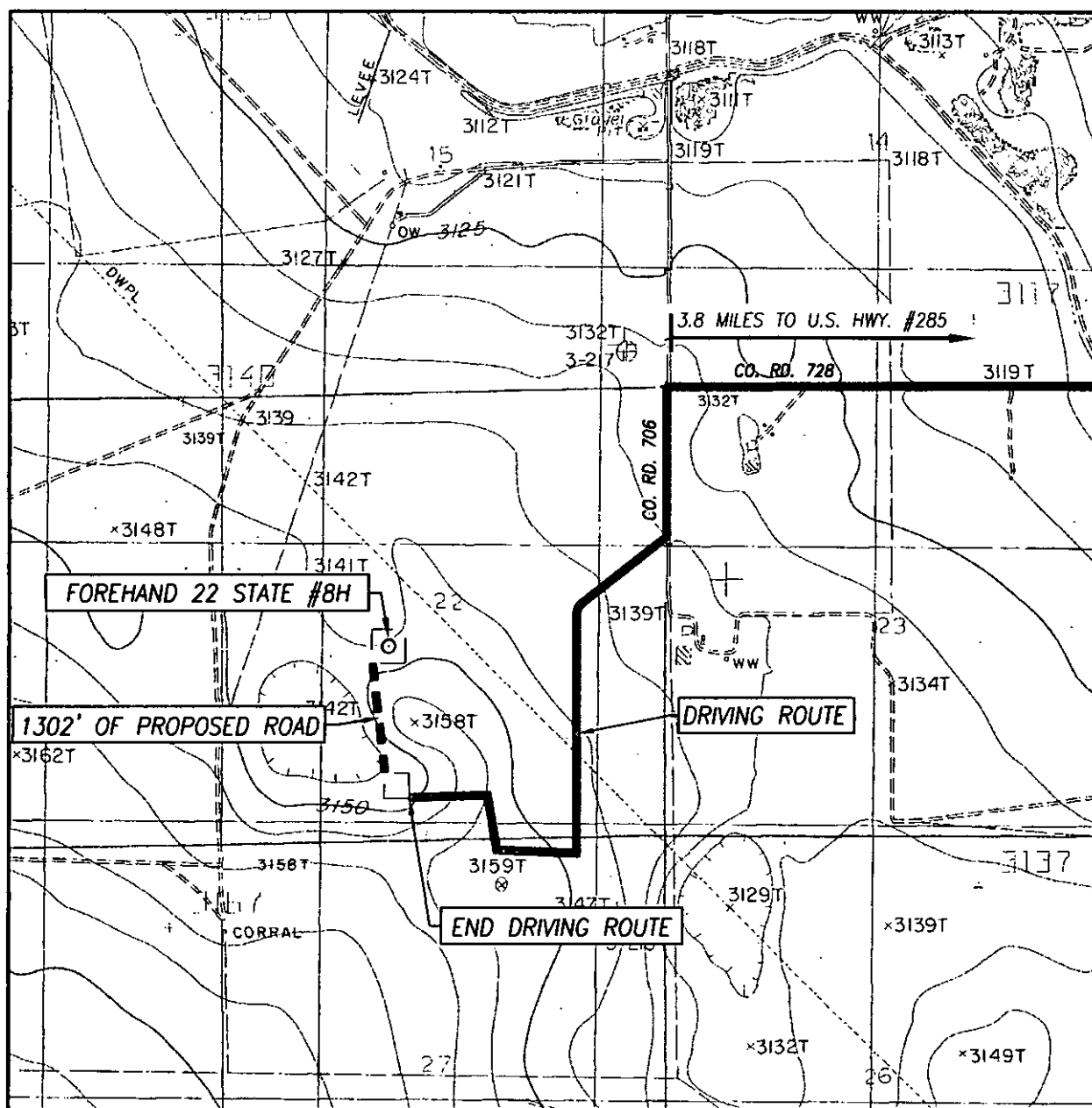
ELEVATION 3149'

OPERATOR CAZA OPERATING, LLC

LEASE FOREHAND 22 STATE



TOPOGRAPHICAL AND ACCESS ROAD MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
OTIS, N.M. - 10'SEC. 22 TWP. 23-S RGE. 27-ESURVEY N.M.P.M.COUNTY EDDY STATE NEW MEXICODESCRIPTION 2310' FSL & 1980' FWLELEVATION 3149'OPERATOR CAZA OPERATING, LLCLEASE FOREHAND 22 STATEU.S.G.S. TOPOGRAPHIC MAP
OTIS, N.M.

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF U.S. HWY. 285 AND CO RD. 728 GO WEST ON CO RD. 728 APPROX. 3.8 MILES TO CO. RD. 706, TURN LEFT ON CO. RD. 706 AND GO SOUTH APPROX. 0.4 MILES, TURN RIGHT AND GO SOUTH-SOUTHWEST APPROX. 0.8 MILES, THEN TURN RIGHT AND GO WEST APPROX. 0.2 MILES. TURN RIGHT AND GO NORTH APPROX. 0.2 MILES, TURN LEFT AND GO WEST APPROX. 0.2 MILES TO AN EXISTING WELL PAD, FROM THE NW COR. OF THE PAD FOLLOW ROAD STAKES NORTH-NORTHWEST FOR .25 MILES TO THIS LOCATION.

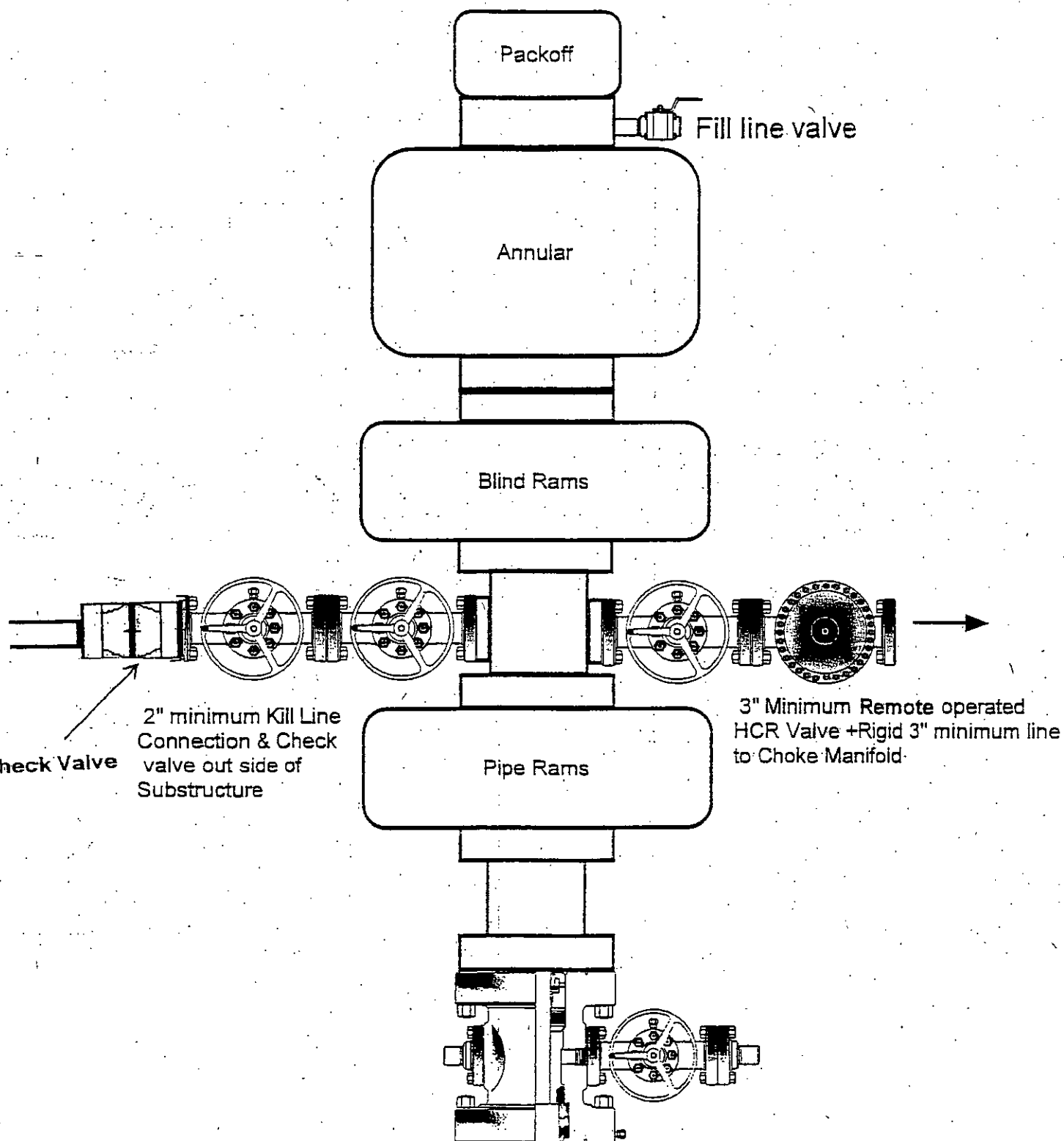
PROVIDING SURVEYING SERVICES
SINCE 1946**JOHN WEST SURVEYING COMPANY**

412 N. DAL PASO HOBBS, N.M. 88240

(575) 393-3117 www.jwsc.biz

TBPLS# 10021000

CAZA OPERATING, LLC.
FOREHAND RANCH "22" STATE # 8H
5000 PSI 13 5/8" BOP



5,000 psi Manifold Equipment- Configuration of chokes may vary.

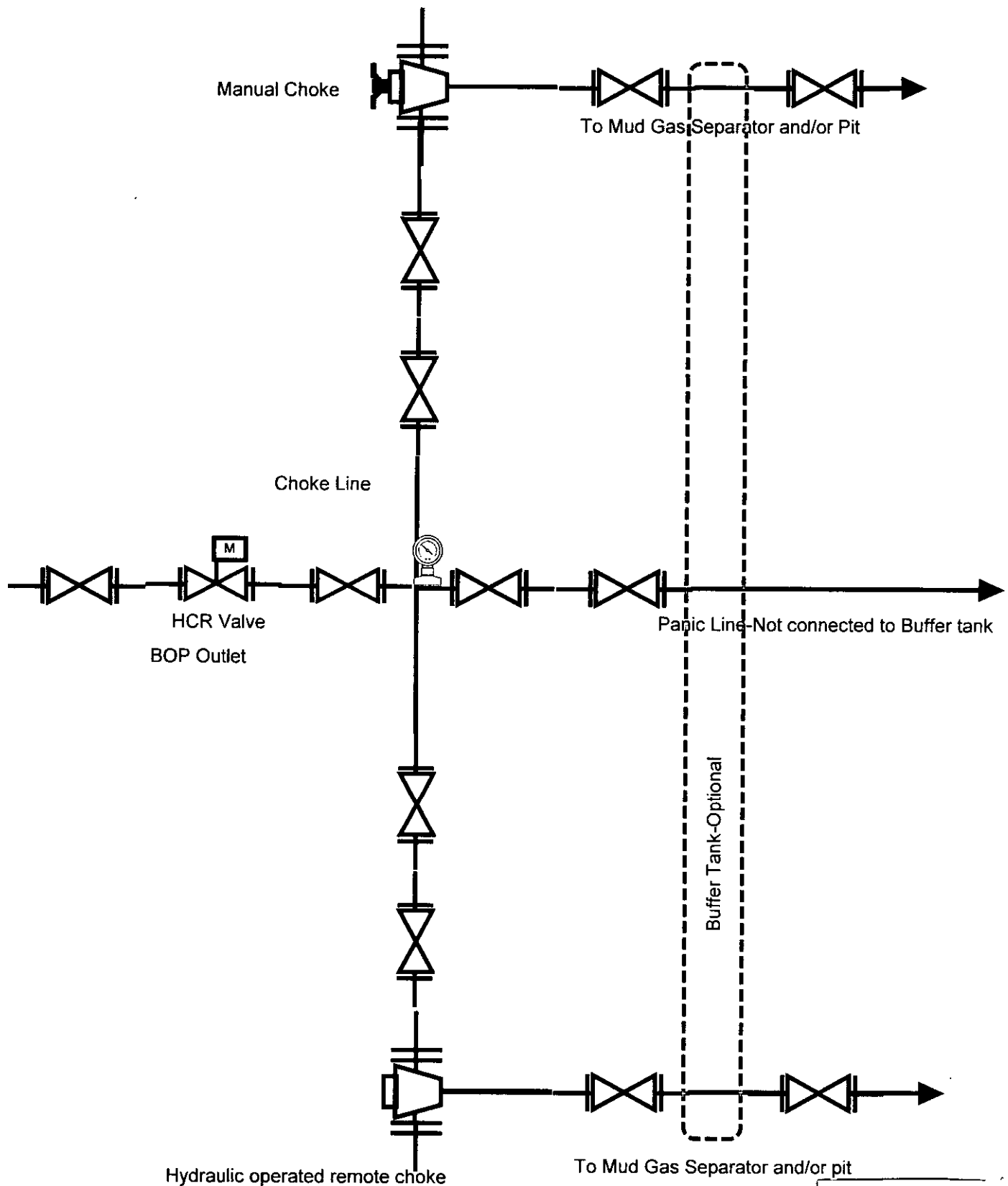
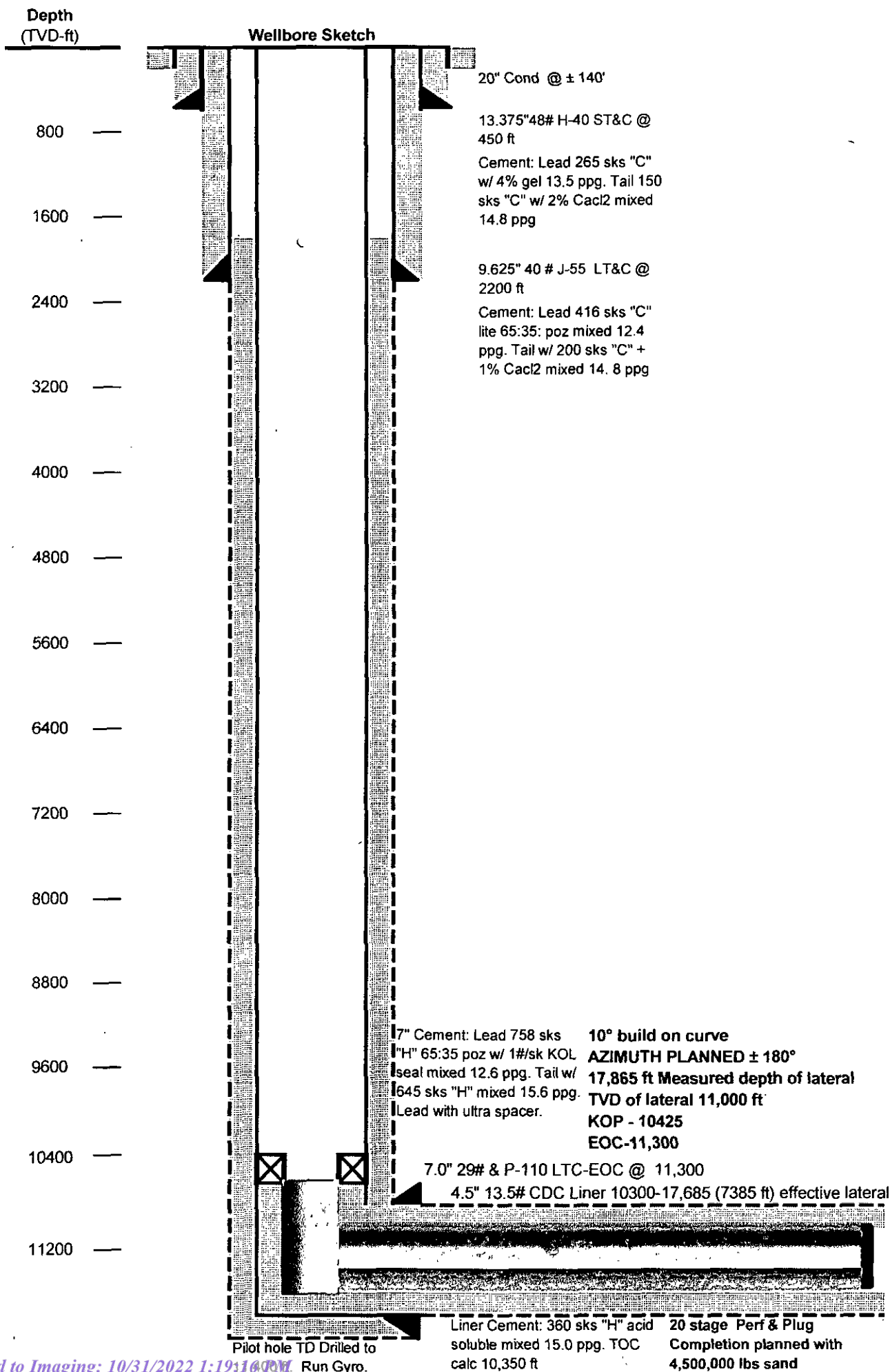


EXHIBIT "E-1"



Caza Operating, LLC

Eddy County, New Mexico

COPYRIGHT 1990 MITCHELL ENGINEERING, PO BOX 1492, GOLDEN, CO, 80402, USA (303) 273 3744

LONG's METHOD OF SURVEY COMPUTATION**OBLIQUE CIRCULAR ARC INTERPOLATION****DISTANCE TABLE**

6000	MD OF INTERPOLATION DEPTH,(feet)
#N/A	TVD COORDINATE OF THE DEPTH (feet)
#N/A	N/S COORDINATE OF DEPTH (feet)
#N/A	E/W COORDINATE OF DEPTH (feet)

STATION A	STATION B
400.00	600.00
300.00	400.00
100.00	300.00
300.00	ft

3 D DISTANCE BETWEEN STATION A AND STATION B

TABLE OF SURVEY STATIONS

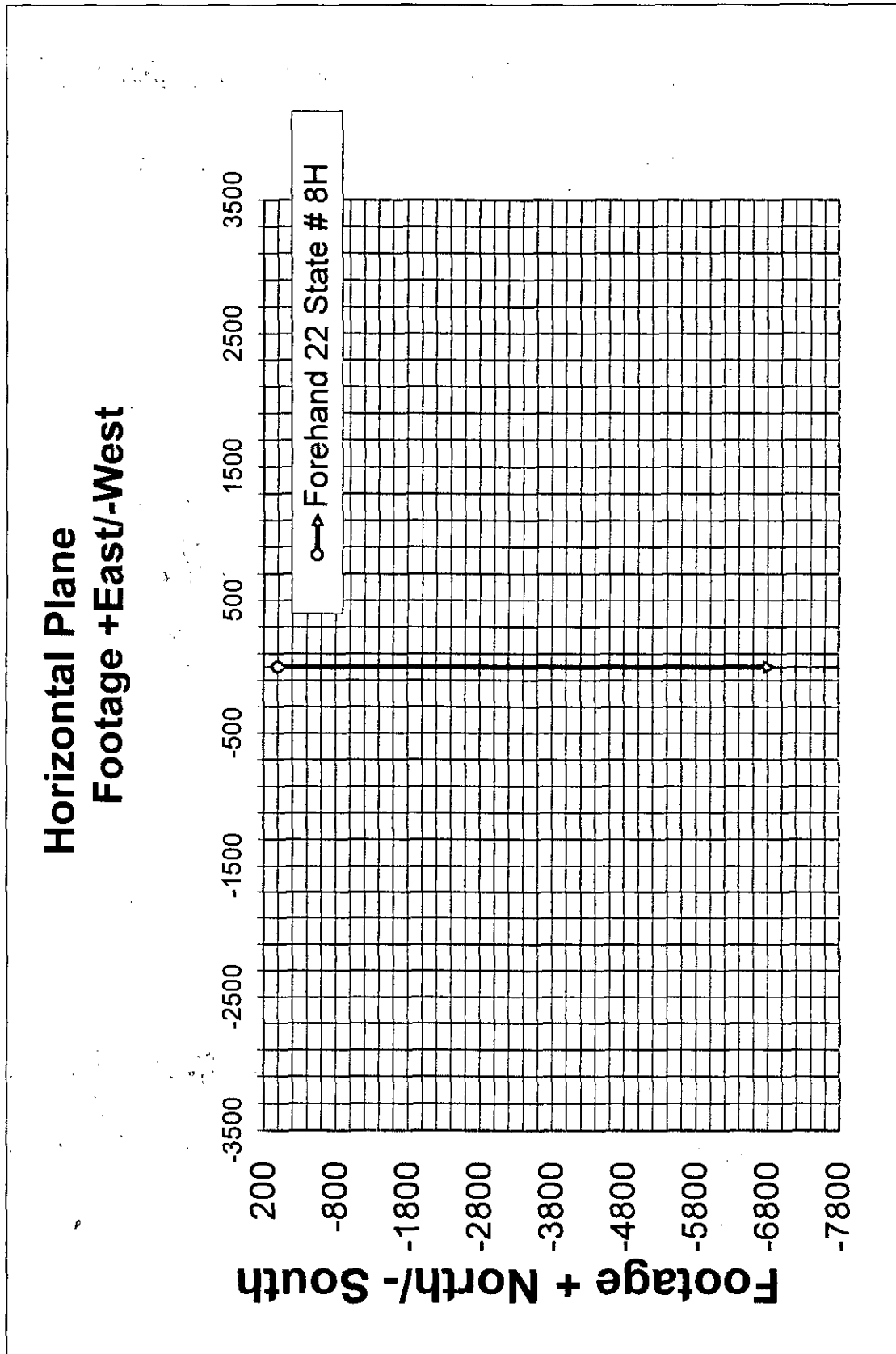
Calculator =

STA	ΔMD	INCL	AZIM	MD	TVD	N+S-	E+W-	DLS
		deg	deg	ft	ft	ft	ft	deg/100FT
1	TIE POINT =>	0	0	10428.00	10428.00	0.00	0.00	-
2	100	10	180	10528.00	10527.49	-8.70	0.00	10.00
3	100	20	180	10628.00	10626.98	-17.40	0.00	10.00
4	100	30	180	10728.00	10714.48	-76.76	0.00	10.00
5	100	40	180	10828.00	10796.29	-134.05	0.00	10.00
6	100	50	180	10928.00	10924.20	-286.48	0.00	10.00
7	100	60	180	11028.00	10966.40	-376.99	0.00	10.00
8	100	70	180	11128.00	10966.40	-376.99	0.00	10.00
9	100	80	180	11228.00	11000.96	-672.96	0.00	0.00
10	100	90	180	11328.00	11000.96	-772.96	0.00	0.00
11	100	90	180	11428.00	11000.96	-872.96	0.00	0.00
12	100	90	180	11528.00	11000.96	-972.96	0.00	0.00
13	100	90	180	11628.00	11000.96	-1072.96	0.00	0.00
14	100	90	180	11728.00	11000.96	-1172.96	0.00	0.00
15	100	90	180	11828.00	11000.96	-1272.96	0.00	0.00
16	100	90	180	11928.00	11000.96	-1372.96	0.00	0.00
17	100	90	180	12028.00	11000.96	-1472.96	0.00	0.00
18	100	90	180	12128.00	11000.96	-1572.96	0.00	0.00
19	100	90	180	12228.00	11000.96	-1672.96	0.00	0.00
20	100	90	180	12328.00	11000.96	-1772.96	0.00	0.00
21	100	90	180	12428.00	11000.96	-1872.96	0.00	0.00
22	100	90	180	12528.00	11000.96	-1972.96	0.00	0.00
23	100	90	180	12628.00	11000.96	-2072.96	0.00	0.00
24	100	90	180	12728.00	11000.96	-2172.96	0.00	0.00
25	100	90	180	12828.00	11000.96	-2272.96	0.00	0.00
26	100	90	180	12928.00	11000.96	-2372.96	0.00	0.00
27	100	90	180	13028.00	11000.96	-2472.96	0.00	0.00
28	100	90	180	13128.00	11000.96	-2572.96	0.00	0.00
29	100	90	180	13228.00	11000.96	-2672.96	0.00	0.00
30	100	90	180	13328.00	11000.96	-2772.96	0.00	0.00
31	100	90	180	13428.00	11000.96	-2872.96	0.00	0.00
32	100	90	180	13528.00	11000.96	-2972.96	0.00	0.00
33	100	90	180	13628.00	11000.96	-3072.96	0.00	0.00
34	100	90	180	13728.00	11000.96	-3172.96	0.00	0.00
35	100	90	180	13828.00	11000.96	-3272.96	0.00	0.00
36	100	90	180	13928.00	11000.96	-3372.96	0.00	0.00
37	100	90	180	14028.00	11000.96	-3472.96	0.00	0.00
38	100	90	180	14128.00	11000.96	-3572.96	0.00	0.00

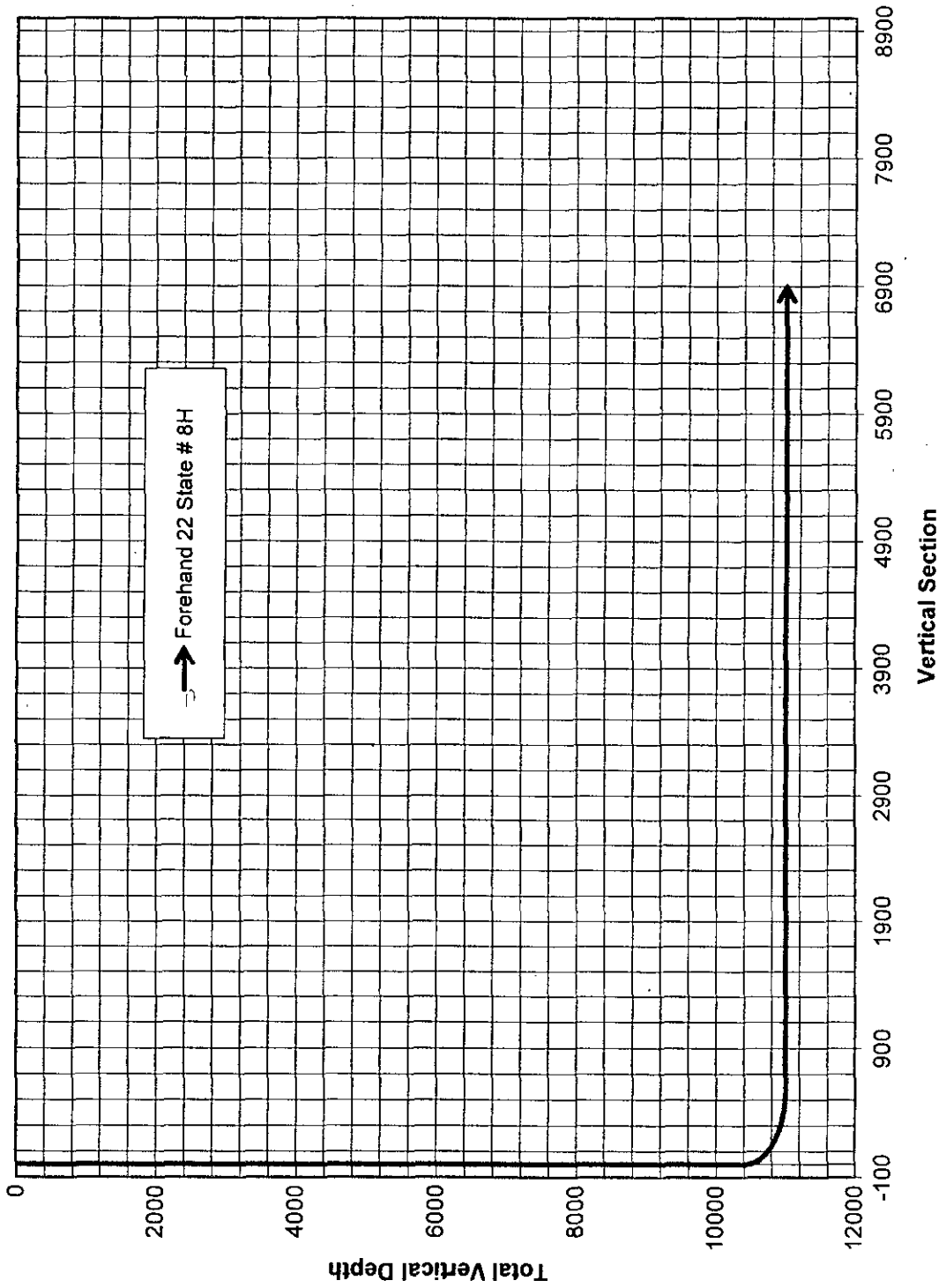
Caza Operating, LLC

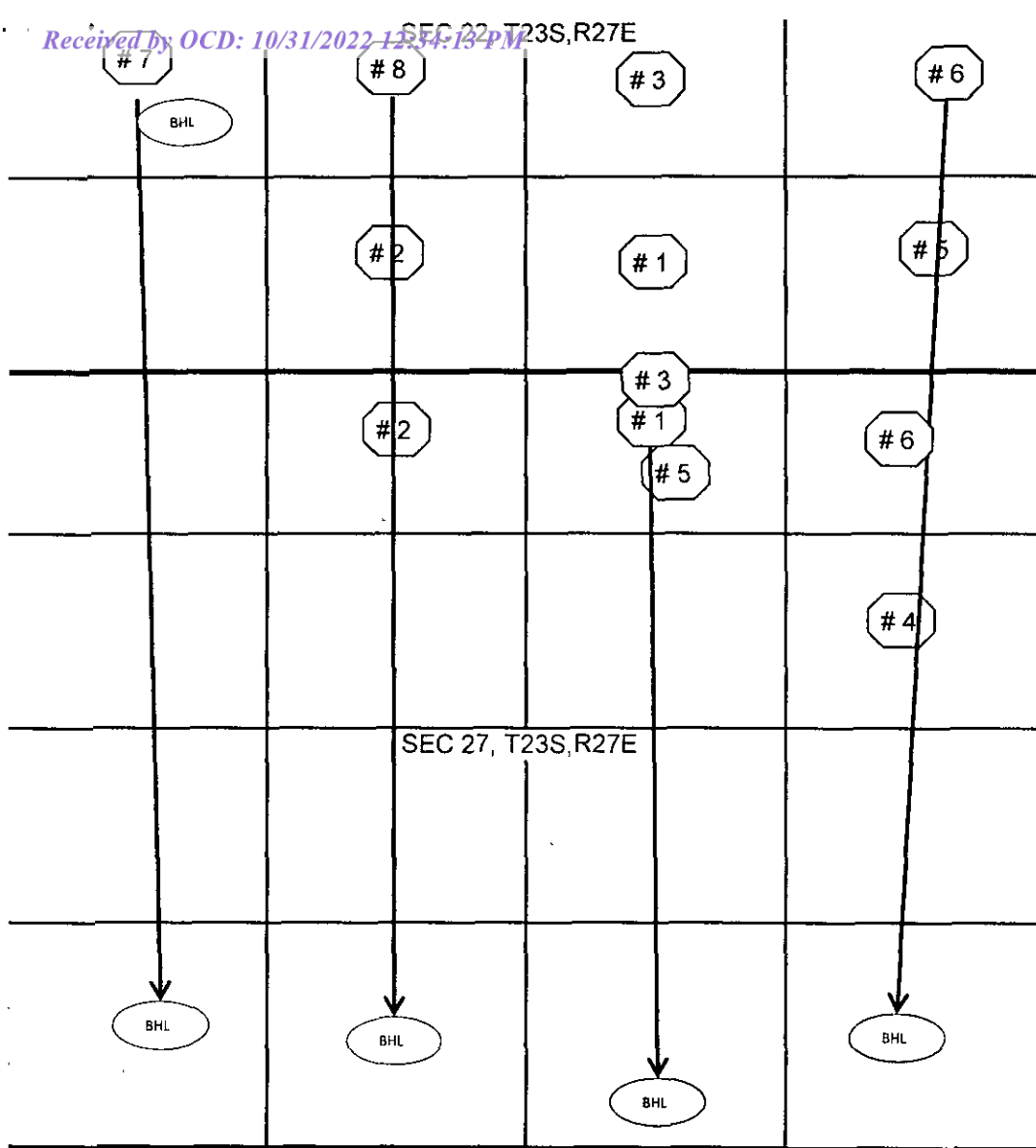
Eddy County, New Mexico

39	100	90	180	14228.00	11000.96	-3472.96	0.00	0.00
40	100	90	180	14328.00	11000.96	-3572.96	0.00	0.00
41	100	90	180	14428.00	11000.96	-3672.96	0.00	0.00
42	100	90	180	14528.00	11000.96	-3772.96	0.00	0.00
43	100	90	180	14628.00	11000.96	-3872.96	0.00	0.00
44	100	90	180	14728.00	11000.96	-3972.96	0.00	0.00
45	100	90	180	14828.00	11000.96	-4072.96	0.00	0.00
46	100	90	180	14928.00	11000.96	-4172.96	0.00	0.00
47	100	90	180	15028.00	11000.96	-4272.96	0.00	0.00
48	100	90	180	15128.00	11000.96	-4372.96	0.00	0.00
49	100	90	180	15228.00	11000.96	-4472.96	0.00	0.00
50	100	90	180	15328.00	11000.96	-4572.96	0.00	0.00
51	100	90	180	15428.00	11000.96	-4672.96	0.00	0.00
52	100	90	180	15528.00	11000.96	-4772.96	0.00	0.00
53	100	90	180	15628.00	11000.96	-4872.96	0.00	0.00
54	100	90	180	15728.00	11000.96	-4972.96	0.00	0.00
55	100	90	180	15828.00	11000.96	-5072.96	0.00	0.00
56	100	90	180	15928.00	11000.96	-5172.96	0.00	0.00
57	100	90	180	16028.00	11000.96	-5272.96	0.00	0.00
58	100	90	180	16128.00	11000.96	-5372.96	0.00	0.00
59	100	90	180	16228.00	11000.96	-5472.96	0.00	0.00
60	100	90	180	16328.00	11000.96	-5572.96	0.00	0.00
61	100	90	180	16428.00	11000.96	-5672.96	0.00	0.00
62	100	90	180	16528.00	11000.96	-5772.96	0.00	0.00
63	100	90	180	16628.00	11000.96	-5872.96	0.00	0.00
64	100	90	180	16728.00	11000.96	-5972.96	0.00	0.00
65	100	90	180	16828.00	11000.96	-6072.96	0.00	0.00
66	100	90	180	16928.00	11000.96	-6172.96	0.00	0.00
67	100	90	180	17028.00	11000.96	-6272.96	0.00	0.00
68	100	90	180	17128.00	11000.96	-6372.96	0.00	0.00
69	100	90	180	17228.00	11000.96	-6472.96	0.00	0.00
70	100	90	180	17328.00	11000.96	-6572.96	0.00	0.00
71	100	90	180	17428.00	11000.96	-6672.96	0.00	0.00
72	100	90	180	17528.00	11000.96	-6772.96	0.00	0.00
73	100	90	180	17628.00	11000.96	-6872.96	0.00	0.00
74	57	90	180	17685.00	11000.96	-6929.96	0.00	0.00
75								



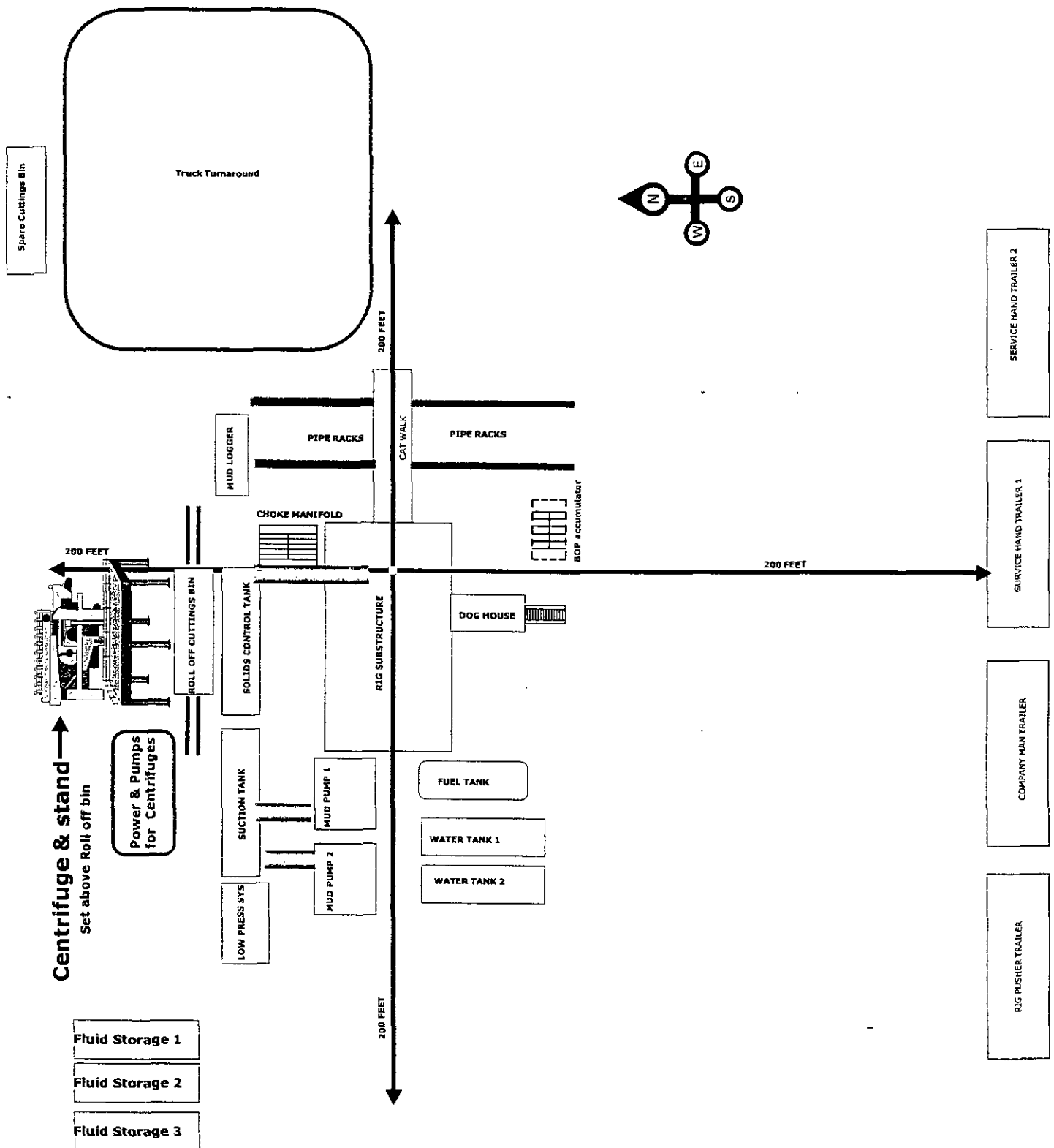
Forehand 22 State #8H





	Surface Location	Depth and Strata	Current Prod Zone	Bottom Hole Location
om # 8H	2310 FSL & 1980 FWL	TD = 17,685 Lwr Wlfcmp Hrztl	Hrztl Wlfcmp	660 FSL & 1980 FWL, Sec 27
om # 7H	2440 FSL & 660 FWL	TD = 17,815 Lwr Wlfcmp Hrztl	Hrztl Wlfcmp	660 FSL & 825 FWL, Sec 27
om # 6H	2168 FSL & 288 FEL	TD = 17,815 Lwr Wlfcmp Hrztl	Hrztl Wlfcmp	660 FSL & 825 FEL, Sec 27
om # 1H	252 FNL & 1900 FEL	TD = 9200 2nd Bone Springs Hrztl	Horiz Bone Sprgs	330 FSL & 1900 FEL
e # 5	500 FNL & 1650 FEL	TD= 3545 Delaware	Delaware	Same
e # 3	150 FNL & 1900 FEL	NOT Drilled= Ramsey proposal	N/A	Permitted
e # 2	330 FNL & 1980 FWL	Not Drilled. 3rd Bone proposal	N/A	Permitted
e # 4	1980 FNL & 660 FEL	Delaware Pressure Maintenance	N/A	Drilled & completed
e # 6	660 FNL & 660 FEL	TD=4000 Delaware	Permit filed	Permit Filed
e # 1	660 FSL & 1980 FEL	Ramsey producer	Ramsey	Producing
e # 2	660 FSL & 1980 FWL	4000' Delaware Proposal	Permit approved	Permit approved
e #3	1980 FSL & 1780 FEL	4000' Delaware Proposal	Permit approved	Permit approved
e #5	782 FSL & 527 FEL	4000' Delaware Proposal	Permit filed	Permit Filed

Closed Loop Oil Well



Note: The Rig and Closed System Company for this well have not been selected thus the set up shown is simply generic.



Operations and Maintenance Plan

Closed Loop equipment will be inspected and monitored closely on a daily basis by each drilling rig Tour and by those hired specifically to operate the equipment. Any leak or release detected will be repaired immediately and the proper NMOCD official will be notified within the 48 hr requirement. A large release will require Caza Operating, LLC representatives to contact NMOCD immediately at the Hobbs office 575 393 6161 as stated by NMOCD rule 116.

Closure Plan

During and after drilling operations, liquids (which apply), all drill cuttings and drilling fluids will be hauled and disposed of at the R-360 disposal (permit number NM-01-0006) located about 30 miles East of Carlsbad, New Mexico. An alternate approved disposal site has been selected "Sundance" Parabo NM-01-0003 which is 5 miles East of Eunice, NM. The Second site would only be used in the event of problems with R-360 disposal.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 154969

DEFINITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 154969
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• this application's operator, hereinafter "this operator";• venting and/or flaring, hereinafter "vent or flare";• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";• the statements in (and/or attached to) this, hereinafter "the statements in this";• and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 154969

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 154969
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident Well	[30-015-43555] FOREHAND RANCH 22 STATE #008H
Incident Facility	Unavailable.

Determination of Reporting Requirements

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.

An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.

Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved

Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 154969

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 154969
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/25/2022
Time vent or flare was discovered or commenced	08:45 AM
Time vent or flare was terminated	10:45 PM
Cumulative hours during this event	14

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Gas Plant Natural Gas Flared Released: 400 Mcf Recovered: 0 Mcf Lost: 400 Mcf.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[147831] Lucid Artesia Company
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	The downstream operator had slam valve shut at sales point. This event was outside the control of operator.
Steps taken to limit the duration and magnitude of vent or flare	Flare minimal mcf
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The downstream operator had slam valve shut at sales point. This event was outside the control of operator.

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ACKNOWLEDGMENTS

Action 154969

ACKNOWLEDGMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 154969
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 154969

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 154969
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tberry	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	10/31/2022