

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. NMNM96244
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	8. Well Name and No. LIVESTOCK FEDERAL 9 2	
2. Name of Operator CHESAPEAKE OPERATING INC	Contact: SHARON E. DRIES E-Mail: sdries@chkenergy.com	9. API Well No. 30-025-36583-00-X1
3a. Address P O BOX 18496 OKLAHOMA CITY, OK 73154	3b. Phone No. (include area code) Ph: 405.879.7985 Fx: 405.879.9583	10. Field and Pool, or Exploratory UNKNOWN <i>BOOTLEG RIDGE</i> <i>MORROW, EAST</i>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T22S R33E SWNE 1450FNL 1950FEL 32.40945 N Lat, 103.57470 W Lon		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Chesapeake Operating, Inc. has decided to drill the Livestock 9 Federal 2 as a directionally drilled well. The bottom hole will be 1720' FNL and 2140' FEL. Nabors Rig 311 will be used to drill this well. The rig plat, directional drill information, and revised survey plat showing the surface and bottom hole location are attached.

(CHK PN 819494)

14. I hereby certify that the foregoing is true and correct. Electronic Submission #28942 verified by the BLM Well Information System For CHESAPEAKE OPERATING INC, sent to the Hobbs Committed to AFMSS for processing by LINDA ASKWIG on 03/29/2004 (04LA0127SE)	
Name (Printed/Typed) SHARON E. DRIES	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/29/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>DAVID R GLASS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>03/29/2004</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <u>Hobbs</u>

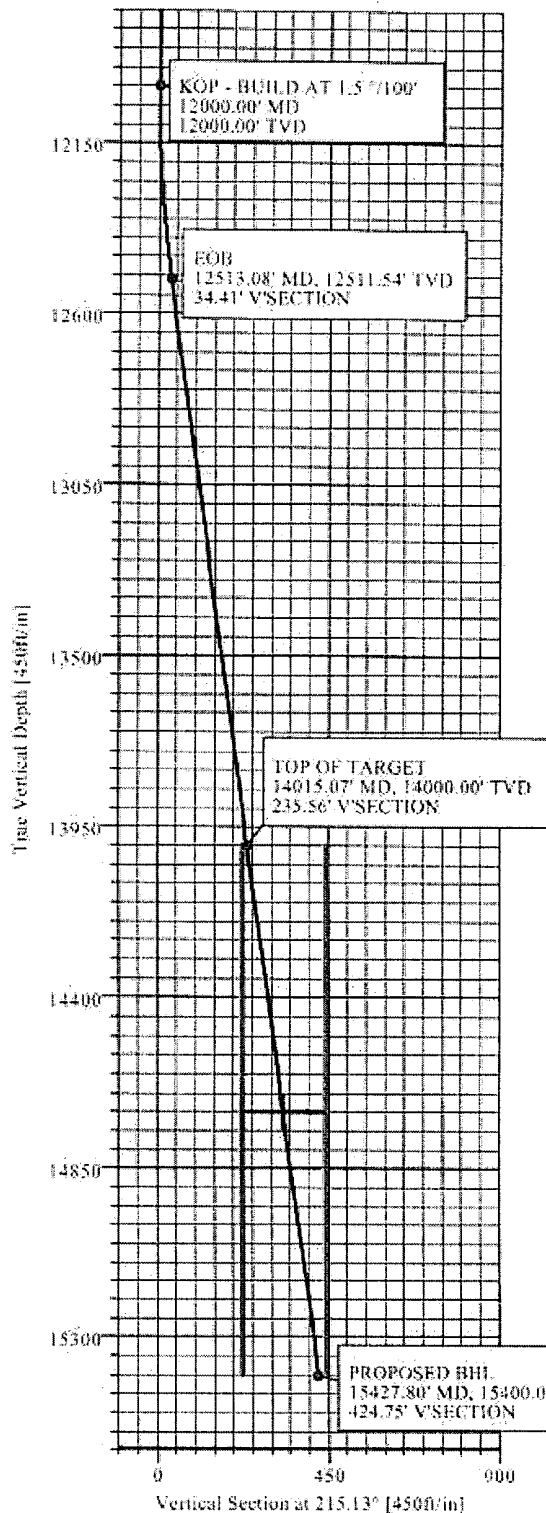
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

KZ

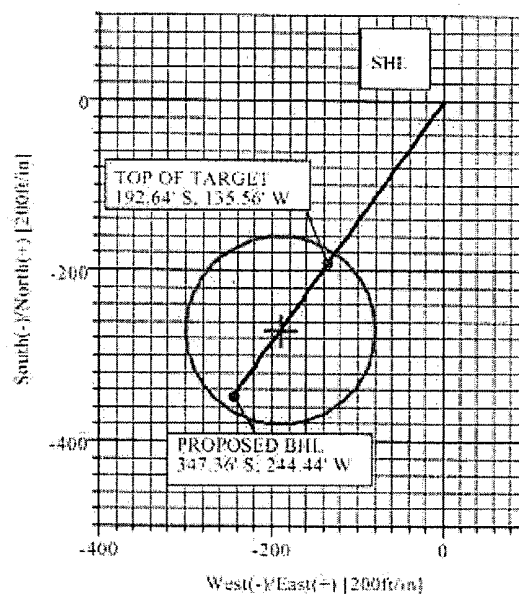
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	215.13	0.00	0.00	0.00	0.00	0.00	0.00	
2	12000.00	0.00	215.13	12000.00	0.00	0.00	0.00	0.00	0.00	KOP
3	12513.08	7.70	215.13	12511.54	-28.14	-19.80	1.50	215.13	34.41	EOB
4	14015.07	7.70	215.13	14000.00	-192.64	-135.56	0.00	0.00	235.56	TARGET
5	14721.43	7.70	215.13	14700.00	-270.00	-190.00	0.00	0.00	330.15	
6	15427.80	7.70	215.13	15400.00	-347.36	-244.44	0.00	0.00	424.75	BHL



COMPUTALOG

Drilling Services



Precision Drilling

COMPANY: CHESAPEAKE OPERATING, Inc

WELL NAME: LIVESTOCK FEDERAL #2-9
 LOCATION: LEA COUNTY, NM
 FILE: DRAFT
 PROPOSAL/COMPLETION: PROPOSAL
 DATE: MAR 12/04
 PREPARED BY: BV

Computalog Drilling Services

Client : Chesapeake Operating, Inc.
Well Name : Livestock Federal #2-9
Location : Lea County, New Mexico

Page : 1 of 2
Date : 3/12/04

Referenced to True North
Vertical Section Azimuth 215.13°

MD ft	Inc deg	Azi deg	TVD ft	+N/-S ft	+E/-W ft	V'Sect ft	D'Leg °/100
KOP, Build 1.5°/100'							
12000.00	0.00	0.00	12000.00	0.00	0.00	0.00	0.00
12100.00	1.50	215.13	12099.99	-1.07	-0.75	1.31	1.50
12200.00	3.00	215.13	12199.91	-4.28	-3.01	5.23	1.50
12300.00	4.50	215.13	12299.69	-9.63	-6.78	11.77	1.50
12400.00	6.00	215.13	12399.27	-17.11	-12.04	20.92	1.50
12500.00	7.50	215.13	12498.57	-26.72	-18.81	32.68	1.50
End of Build							
12513.08	7.70	215.13	12511.54	-28.14	-19.80	34.41	1.50
12600.00	7.70	215.13	12597.68	-37.66	-26.50	46.05	0.00
12700.00	7.70	215.13	12696.77	-48.61	-34.21	59.44	0.00
12800.00	7.70	215.13	12795.87	-59.56	-41.91	72.83	0.00
12900.00	7.70	215.13	12894.97	-70.51	-49.62	86.22	0.00
13000.00	7.70	215.13	12994.07	-81.47	-57.33	99.62	0.00
13100.00	7.70	215.13	13093.17	-92.42	-65.04	113.01	0.00
13200.00	7.70	215.13	13192.27	-103.37	-72.74	126.40	0.00
13300.00	7.70	215.13	13291.37	-114.32	-80.45	139.79	0.00
13400.00	7.70	215.13	13390.47	-125.28	-88.16	153.18	0.00
13500.00	7.70	215.13	13489.57	-136.23	-95.86	166.58	0.00
13600.00	7.70	215.13	13588.67	-147.18	-103.57	179.97	0.00
13700.00	7.70	215.13	13687.77	-158.13	-111.28	193.36	0.00
13800.00	7.70	215.13	13786.87	-169.08	-118.98	206.75	0.00
13900.00	7.70	215.13	13885.97	-180.04	-126.69	220.14	0.00
14000.00	7.70	215.13	13985.06	-190.99	-134.40	233.54	0.00
Top of Target							
14015.07	7.70	215.13	14000.00	-192.64	-135.56	235.56	0.00
14100.00	7.70	215.13	14084.16	-201.94	-142.11	246.93	0.00
14200.00	7.70	215.13	14183.26	-212.89	-149.81	260.32	0.00
14300.00	7.70	215.13	14282.36	-223.84	-157.52	273.71	0.00
14400.00	7.70	215.13	14381.46	-234.80	-165.23	287.10	0.00
14500.00	7.70	215.13	14480.56	-245.75	-172.93	300.50	0.00

Computalog Drilling Services

Client : Chesapeake Operating, Inc.
Well Name : Livestock Federal #2-9
Location : Lea County, New Mexico

Page : 2 of 2
Date : 3/12/04

Referenced to True North
Vertical Section Azimuth 215.13°

MD ft	Inc deg	Azi deg	TVD ft	+N/-S ft	+E/-W ft	V'Sect ft	D'Leg °/100
14600.00	7.70	215.13	14579.66	-256.70	-180.64	313.89	0.00
14700.00	7.70	215.13	14678.76	-267.65	-188.35	327.28	0.00
Center of 110' Radius Target							
14721.43	7.70	215.13	14700.00	-270.00	-190.00	330.15	0.00
14800.00	7.70	215.13	14777.86	-278.60	-196.06	340.67	0.00
14900.00	7.70	215.13	14876.96	-289.56	-203.76	354.07	0.00
15000.00	7.70	215.13	14976.06	-300.51	-211.47	367.46	0.00
15100.00	7.70	215.13	15075.16	-311.46	-219.18	380.85	0.00
15200.00	7.70	215.13	15174.25	-322.41	-226.88	394.24	0.00
15300.00	7.70	215.13	15273.35	-333.37	-234.59	407.63	0.00
15400.00	7.70	215.13	15372.45	-344.32	-242.30	421.03	0.00
Proposed BHL							
15427.80	7.70	215.13	15400.00	-347.36	-244.44	424.75	0.00

Bottom Hole Closure 424.75' - 215.13°

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1984

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 72660	Pool Name BOOTLEG RIDGE; MORROW, EAST
Property Code	Property Name LIVESTOCK FEDERAL 9	Well Number 2
OGRID No.	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3619'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	9	22-S	33-E		1450	NORTH	1950	EAST	LEA

Bottom Hole Location If Different From Surface

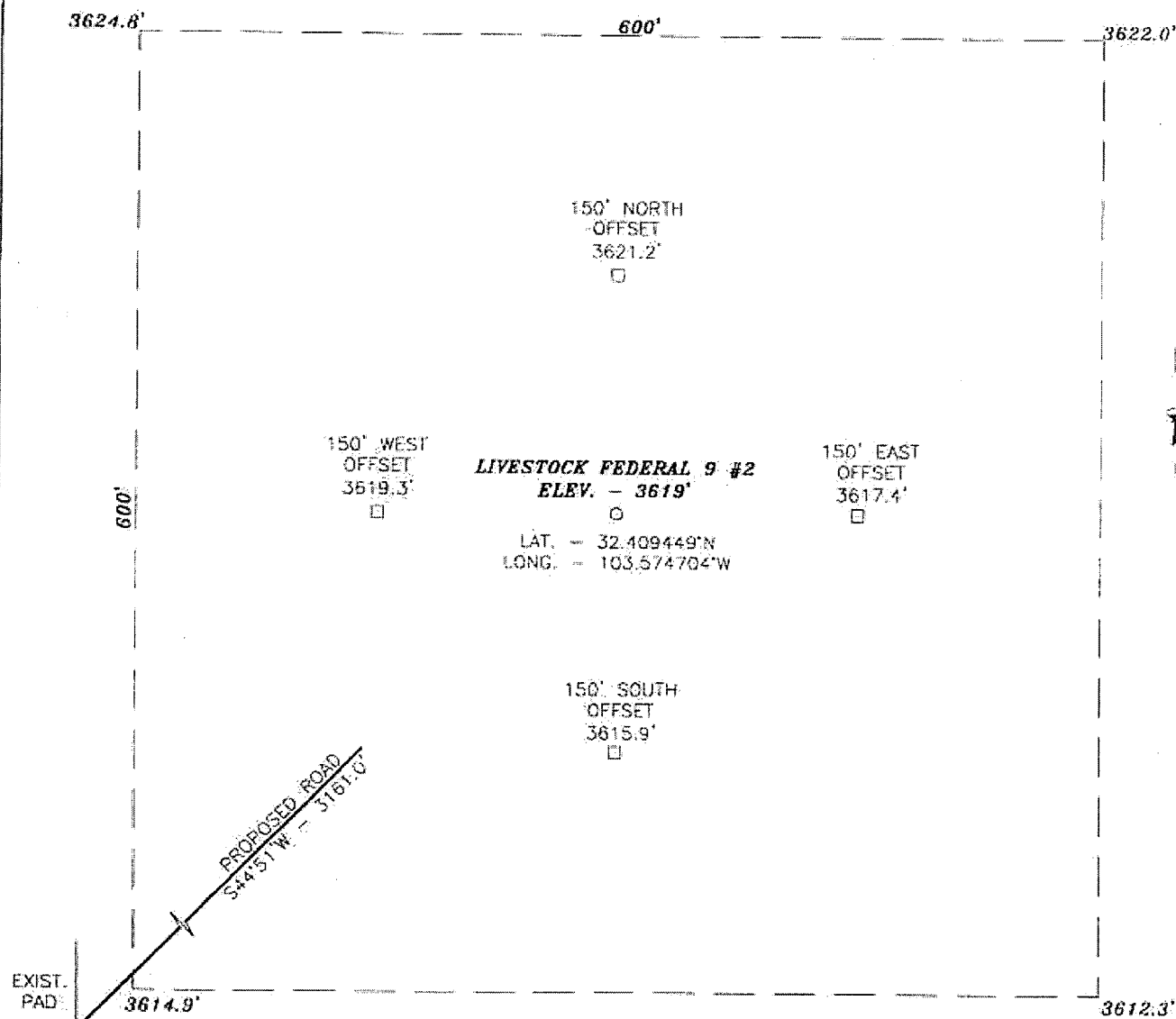
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	9	22-S	33-E		1720	NORTH	2140	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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

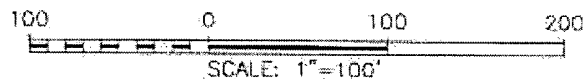
SURFACE LOCATION GEODETIC COORDINATES NAD 27 NME Y = 513502.6 N X = 734123.1 E LAT. 32.409449° N LONG. 103.574704° W 3624.8' 3622.0' 1950' 2140' 3614.9' BH. 3612.3' 500' 600'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Lynda F. Townsend</i> Signature Lynda F. Townsend Printed Name Senior Landman Title 3-22-04 Date
	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. OCTOBER 31, 2003 Date Surveyed LA Signature & Seal of Professional Surveyor <i>Gary Eidson</i> 3/22/04 04.13.0336 Certificate No. GARY EIDSON 12641
BOTTOM HOLE Y = 513231.2 N X = 733934.9 E LAT. 32.408707° N LONG. 103.575319° W	

SECTION 9, TOWNSHIP 22 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF U.S. HWY #8 AND U.S. HWY #176 TRAVEL WEST ALONG U.S. HWY #176 9.1 MILES. TURN LEFT ONTO SAN SIMON RANCH ROAD, A CALICHE ROAD. TRAVEL SOUTH 0.2 MILES AND TURN RIGHT ONTO EL PASO NATURAL GAS PIPELINE ROAD (IN SOUTHWESTERLY DIRECTION). GO 9.9 MILES TO A FORK IN ROAD. TAKE THE SOUTH FORK (AS IT CURVES TO THE SOUTH). 1.5 MILES TO A 3 FORKED ROAD INTERSECTION. (ROAD FORKS: SE, S & SW) TAKE SOUTHEAST ROAD 1.2 MILES. THEN TURN DUE SOUTH 0.25 MILES (CROSS PASTURE) TO LIVESTOCK FEDERAL 9 #2 WELL LOCATION FLAG.



CHESAPEAKE OPERATING, INC.

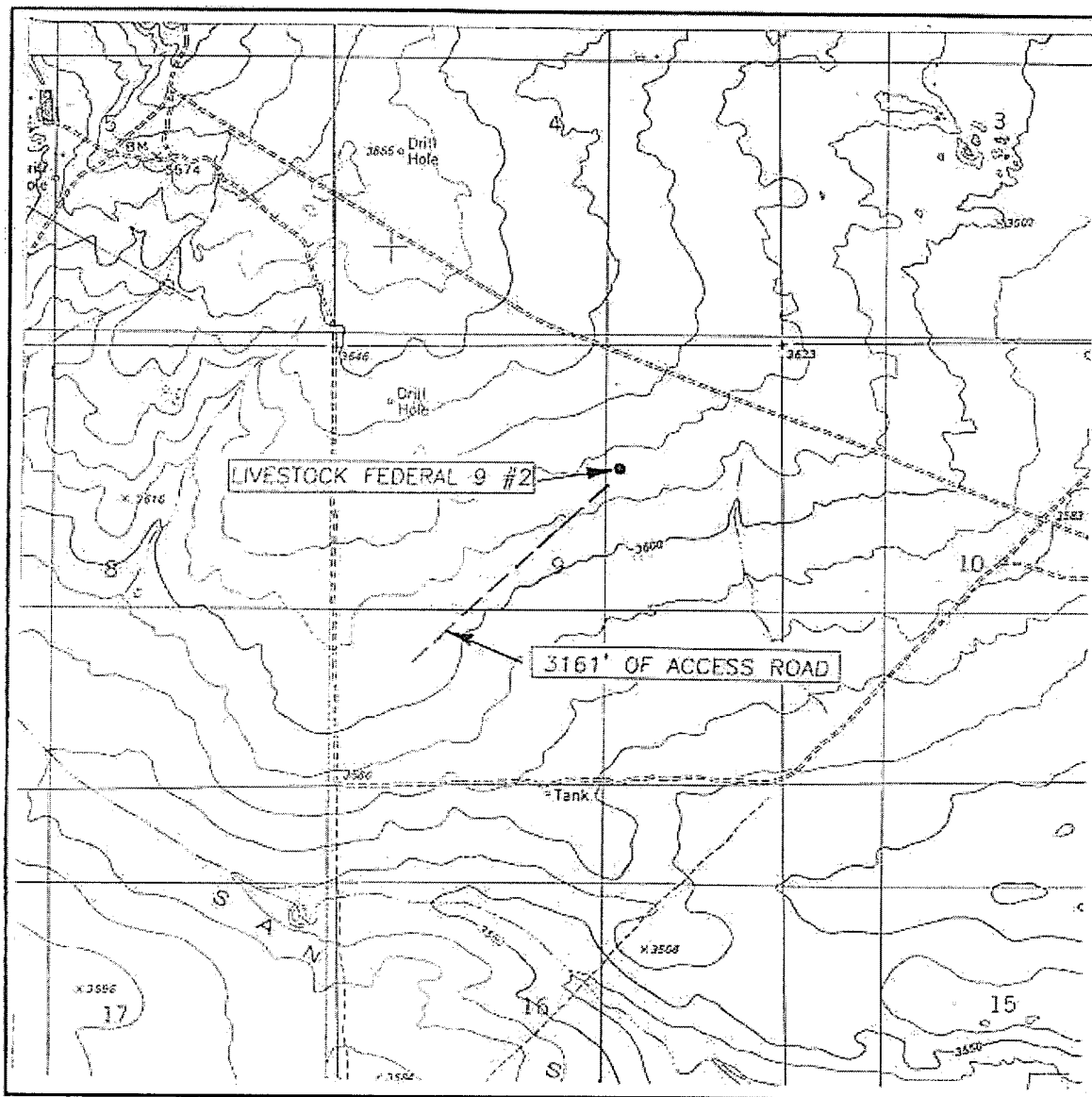
THE LIVESTOCK FEDERAL 9 #2 LOCATED 1450 FEET FROM THE NORTH LINE AND 1950 FEET FROM THE EAST LINE SECTION 9, TOWNSHIP 22 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 10/31/03	Sheet 1 of 1 Sheets
W.O. Number: 03.11.1215	Drawn By: L.A.
Date: 11/03/03	DISK:CD#2
	03111215

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
GRAMA RIDGE, N.M.

SEC. 9 TWP. 22-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1450' FNL & 1950' FEL

ELEVATION 3619'

OPERATOR CHESAPEAKE OPERATING, INC.

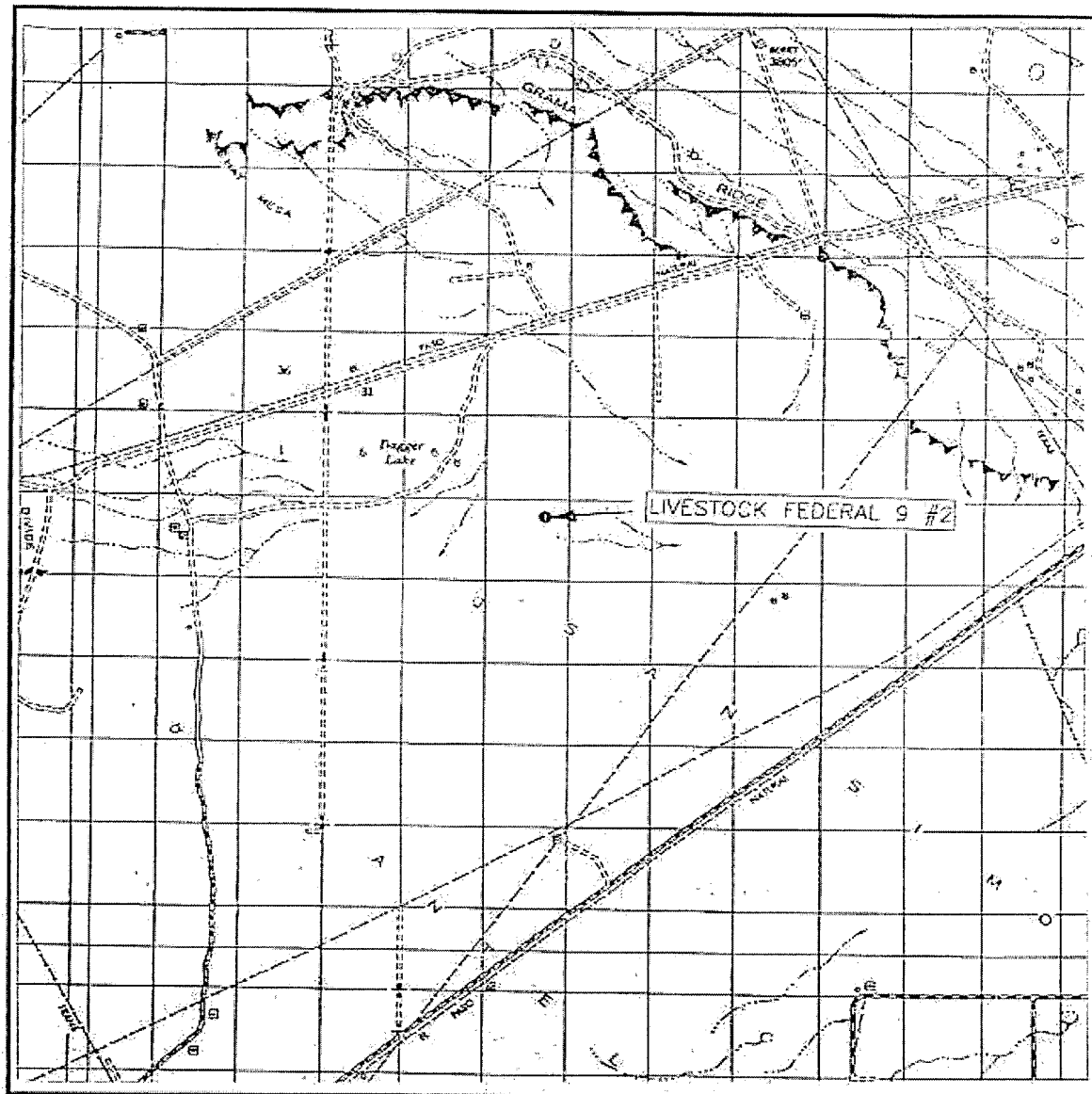
LEASE LIVESTOCK FEDERAL 9

U.S.G.S. TOPOGRAPHIC MAP

GRAMA RIDGE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 9 TWP. 22-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1450' FNL & 1950' FEL

ELEVATION 3619'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE LIVESTOCK FEDERAL 9

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

