

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☒ AMENDED REPORT

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

Operator Name and Address VANGUARD PERMIAN, LLC. 1209 SOUTH MAIN LOVINGTON, NEW MEXICO 88260		OGRID Number 258350
Property Code 305160		Property Name STATE SECTION 1-LA
Proposed Pool 1 LOVINGTON DRINKARD (40490)		Well No. 22
Proposed Pool 2		

Surface Location

LL or lot no. G	Section 1	Township 17S	Range 36E	Lot ID#	Feet from the 2310'	North/South line NORTH	Feet from the 2310'	East/West line EAST	County LEA
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Proposed Bottom Hole Location If Different From Surface

LL or lot no.	Section	Township	Range	Lot ID#	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3827'
Multiple NO	Proposed Depth 8400'	Formation DRINKARD	Contractor UNKNOWN	Spud Date WHEN
Depth to Groundwater 55'+		Distance from nearest fresh water well .5 Miles		Distance from nearest surface water None
Liner: Synthetic ☐ _____mils thick Clay ☐ Pit Volume: _____bbls Drilling Method: _____				
Closed-Loop System ☒ Fresh Water ☐ Brine ☐ Diesel Oil-based ☐ Gas/Air ☐				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48#	500'	350 Sx.	Surface
11"	8 5/8"	32#	4500'	1015 Sx.	Surface
7 7/8"	4 1/2"	11.6#	8400'	1140 Sx.	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

RECEIVED

JUL 17 2008

HOBBS OCD

SEE ATTACHED SHEET

RECEIVED

HOBBS OCD

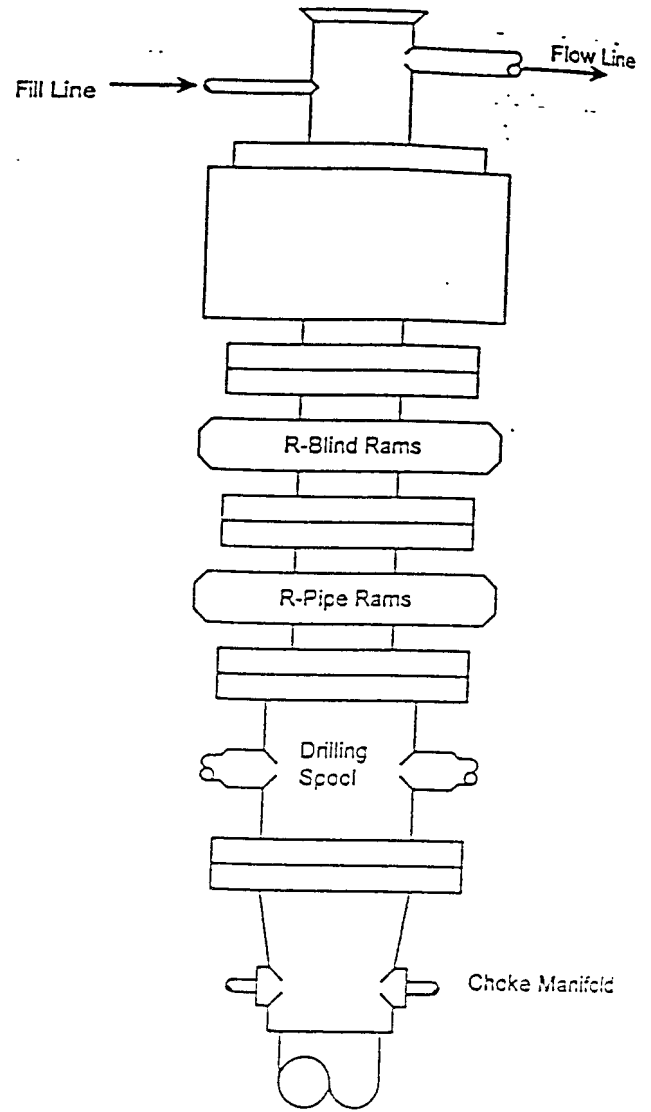
Permit Expires 2 Years From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by: <i>Chris Williams</i>	
Title: Agent		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: joejanica@valornet.com		Approval Date: JUL 24 2008 Expiration Date:	
Date: 07/14/08		Phone: 505-391-8503	
Conditions of Approval Attached ☐			

1. Drill 26" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 150 Sx. of 35/65 CLASS "C" POZ + 6% Bentonite + 3% CaCl, + 4#/Sx. Gilsonite, + .125# polyflakes/Sx. Yield 1.94, tail in with 200 Sx. of Class "C" cement + 2% CaCl, Yield 1.34, circulate cement to surface.
3. Drill 11" hole to 4500'. Run and set 4500' of 8 5/8" 32# J-55 ST&C casing. Cement with 815 Sx. of 50/50 Class "C" POZ + 5% Salt, + 10% Bentonite, 5#/Sx. Gilsonite, + .125# polyflakes, + .2% Antifoamer, Yield 2.47. Tail in with 200 Sx. of Class "C" cement + .1% Retarder, Yield 1.32. Circulate cement to surface.
4. Drill 7 7/8" hole to 8400'. Run and set 8400' of 4½" 11.6# J-55 LT&C casing. Cement with 525 Sx. of 50/50 Class "H" POZ cement + 5% Salt, + 10% Bentonite, + .2% Dispersant, + .2% Uniflac, + .25% Retarder, + .2% Antifoamer, Yield 2.47. Tail in with 615 Sx. of TXI Light weight cement + 1% Salt, + .3% Uniflac, + .1% Dispersant, + .3% Retarder, Yield 1.4, circulate cement to surface.

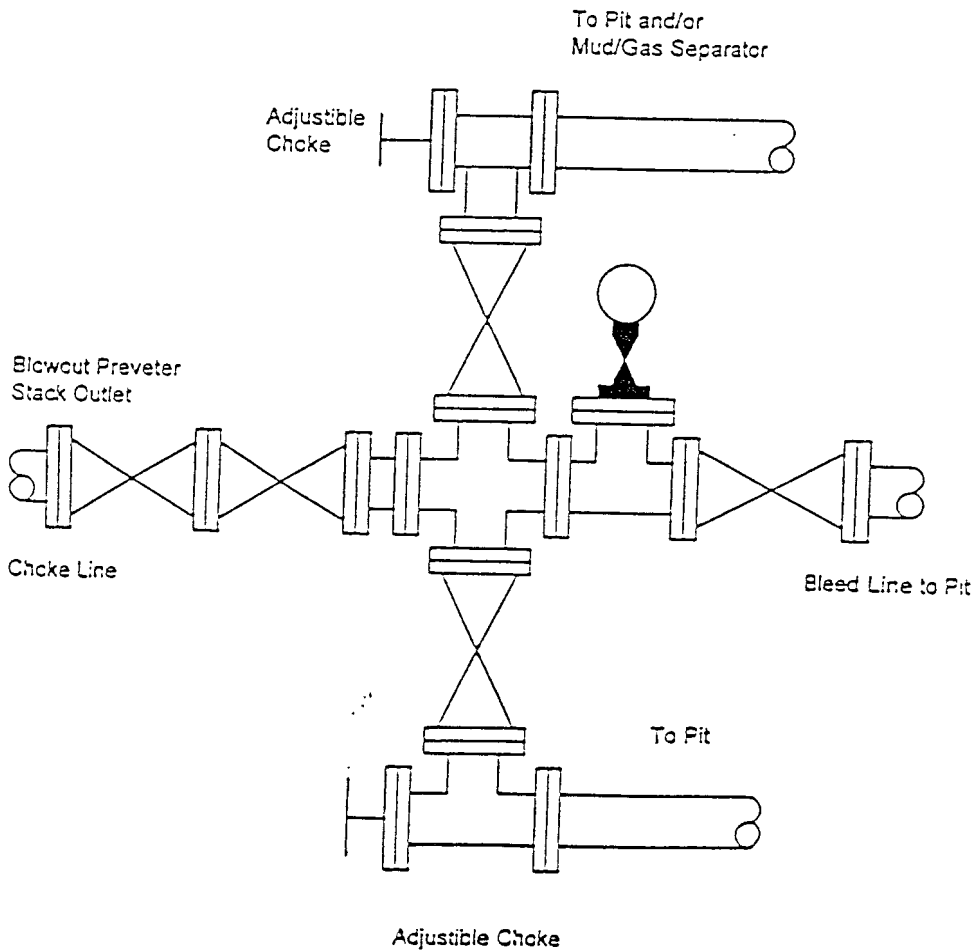
BLOWOUT PREVENTER SYSTEM

3000 PSI



Type 900 SERIES
3000 PSI WP

Choke Manifold Assembly for 5M WP System



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1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

~~AMENDED~~ REPORT

API Number 30-025-38962	Pool Code 40490	Pool Name LOVINGTON-DRINKARD
Property Code 305160	Property Name STATE SECTION 1 LA	Well Number 22
OGRID No. 258350	Operator Name VANGUARD PERMIAN, LLC	Elevation 3827'

Surface Location

UL or lot No. G	Section 1	Township 17-S	Range 36-E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 2310	East/West line EAST	County LEA
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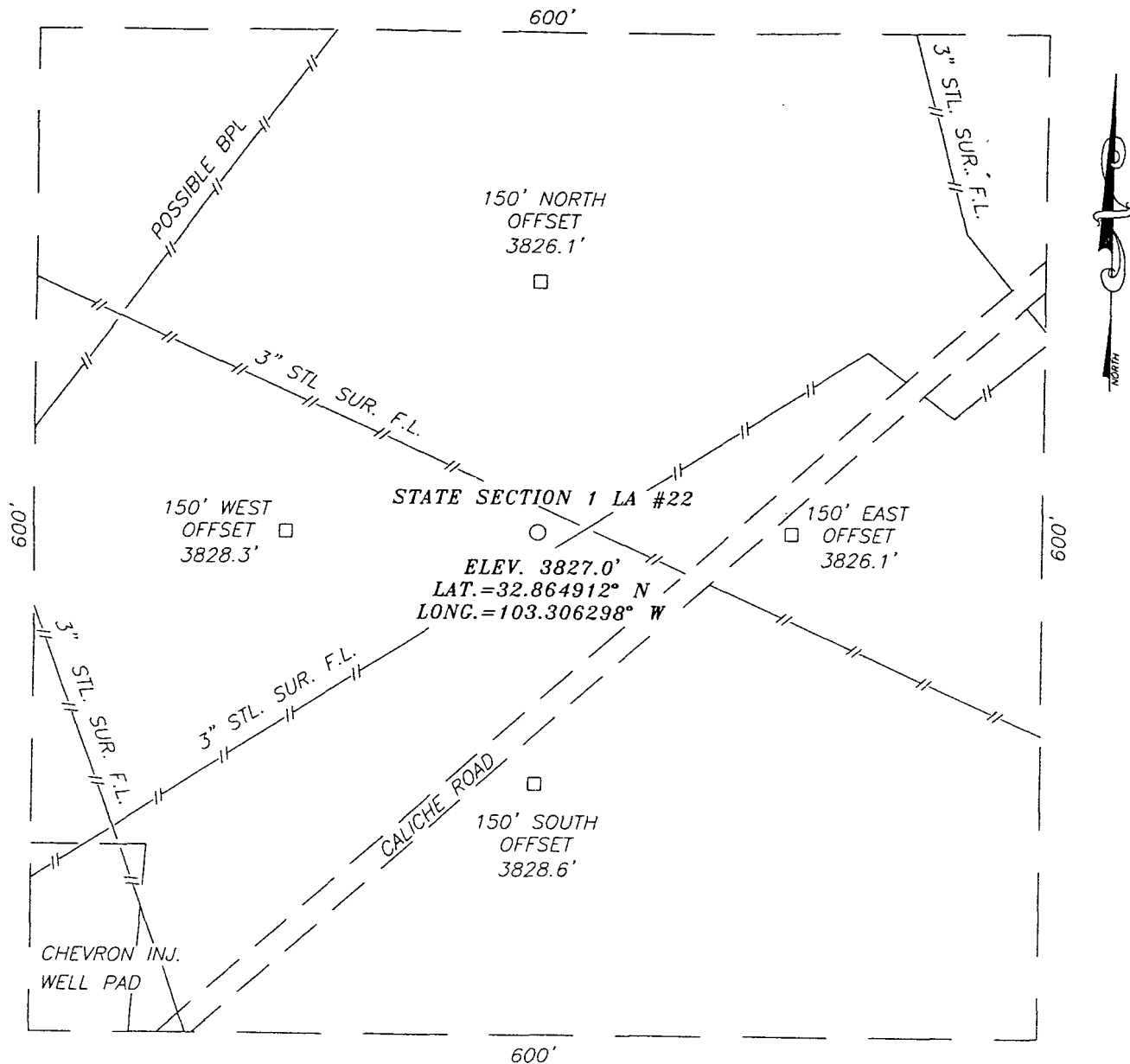
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
					Dedicated Acres 40	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

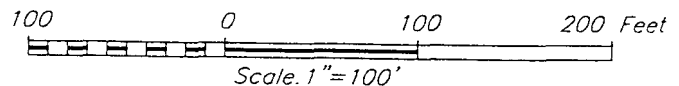
LOT 4 39.63 AC	LOT 3 39.73 AC	LOT 2 39.83 AC	LOT 1 39.93 AC
GEODETIC COORDINATES NAD 27 NME Y=679900 1 N X=815357 7 E LAT.=32.864912° N LONG.=103.306298° W			
OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this 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. <i>Joe T. Janica</i> Signature Date Joe T. Janica 02/14/08 Printed Name			
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. GARY EIDSON JUNE 26, 2008 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239			

SECTION 1, TOWNSHIP 17 SOUTH, RANGE 36 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

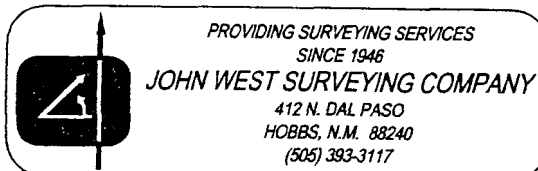
FROM THE INTERSECTION OF ST. HWY. #18 AND CO. RD. L78 (WEST STILES ROAD), GO NORTHWEST ON U.S. HWY. #18 FOR APPROX. 1.55 MILES. TURN LEFT AND GO WEST APPROX. 0.85 MILES JUST SOUTH OF NAVAJO PLANT. TURN LEFT AND GO SOUTH APPROX. 0.4 MILES TO CHEVRON INJ. WELL. VEER SOUTHWEST APPROX. 0.1 MILE. THIS LOCATION IS WEST APPROX. 100 FEET.



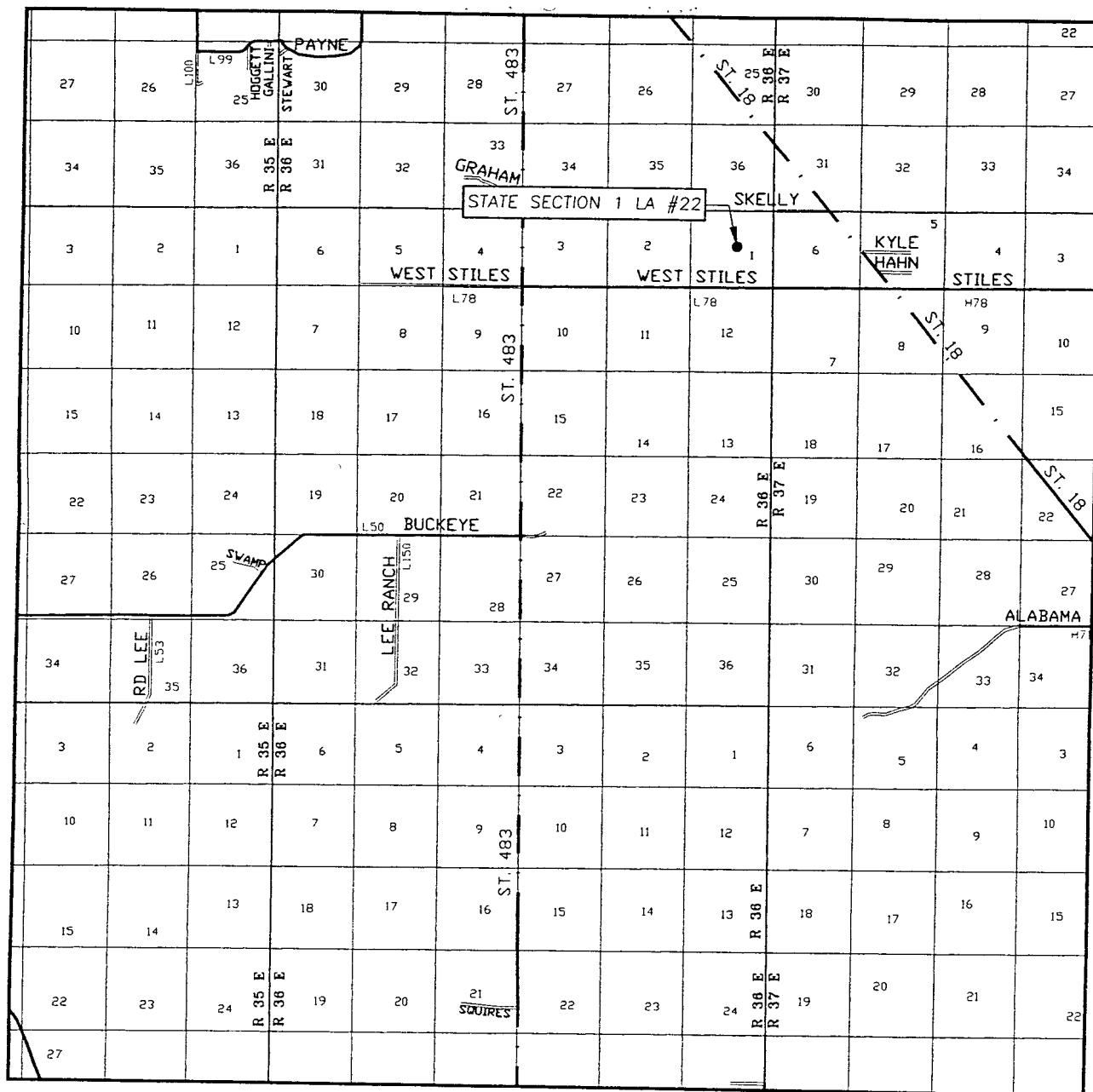
VANGUARD PERMIAN, LLC

STATE SECTION 1 LA #22 WELL
LOCATED 2310 FEET FROM THE NORTH LINE
AND 2310 FEET FROM THE EAST LINE OF SECTION 1,
TOWNSHIP 17 SOUTH, RANGE 36 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 6/26/08	Sheet 1 of 1 Sheets
W.O. Number: 08.11.1031	Dr By: AR
Date: 7/02/08	08111031
	Scale: 1"=100'



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 1 TWP. 17-S RGE. 36-E

SURVEY N.M.P.M.

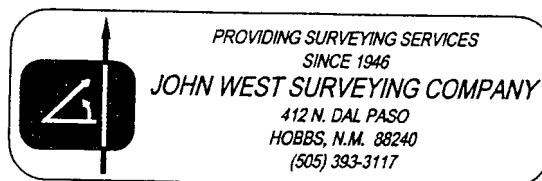
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2310' FNL & 2310' FEL

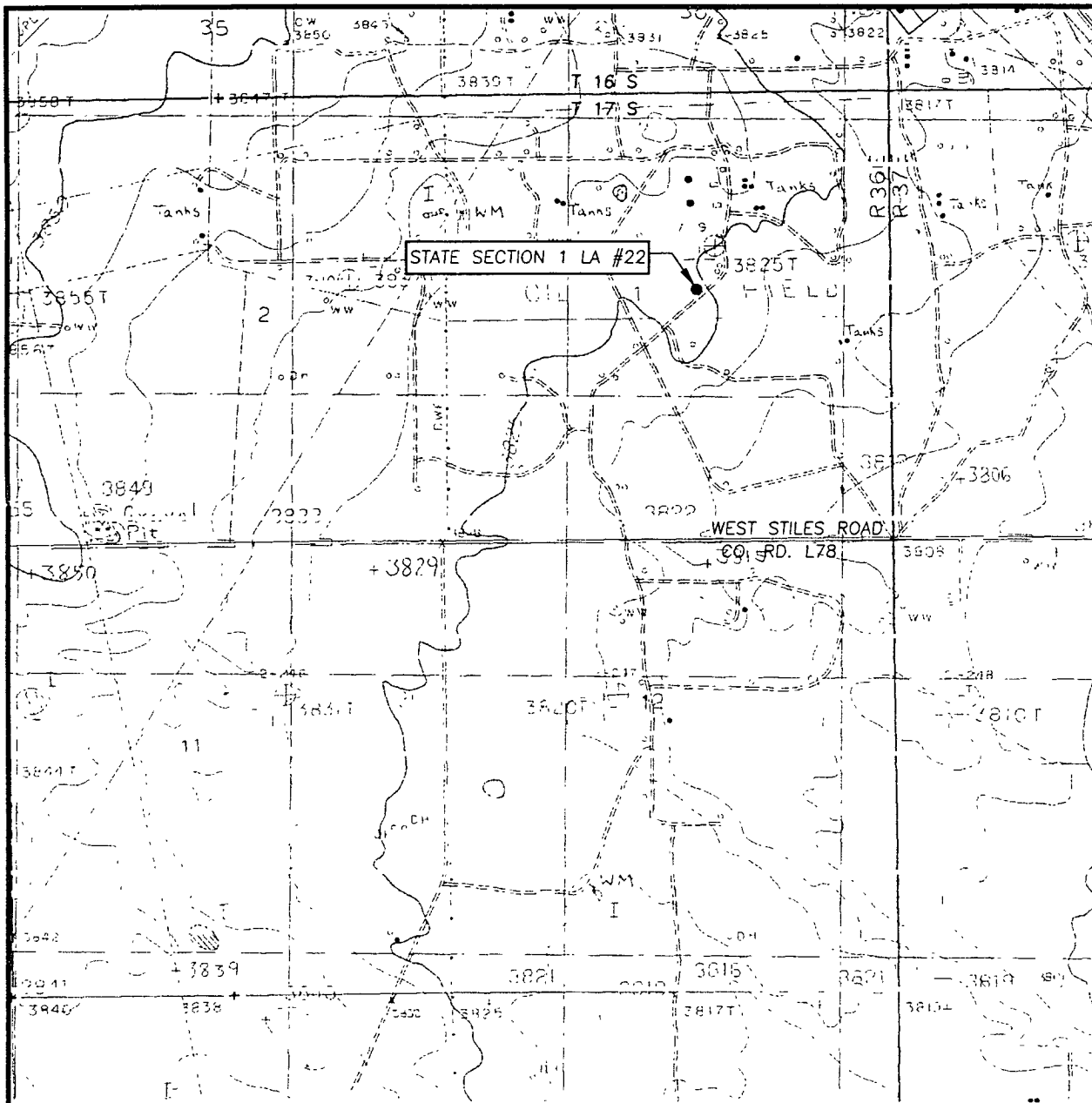
ELEVATION 3827'

OPERATOR VANGUARD PERMIAN, LLC

LEASE STATE SECTION 1 LA



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOVINGTON SE, N.M. - 5'

SEC. 1 TWP. 17-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2310' FNL & 2310' FEL

ELEVATION 3827'

OPERATOR VANGUARD PERMIAN, LLC

LEASE STATE SECTION 1 LA #22

U.S.G.S. TOPOGRAPHIC MAP
LOVINGTON SE, N.M.

