

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

¹ Operator Name and Address LATIGO PETROLEUM, INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		² OGRID Number 227001 ✓
		³ API Number 30 - 025 07542 ✓
⁴ Property Code 300313 ✓	⁵ Property Name STATE LAND SECTION "32"	⁶ Well No. 8 ✓
⁷ Proposed Pool 1 BYERS QUEEN (GAS) (73600)		⁸ Proposed Pool 2

⁹ Surface Location

UL or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	18S	38E		1980'	SOUTH	660'	EAST	LEA.

¹⁰ Proposed 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

Additional Well Information

¹¹ Work Type Code D	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation
¹⁶ Multiple NO	¹⁷ Proposed Depth 3750' ±	¹⁸ Formation QUEEN	¹⁹ Contractor UNKNOWN	²⁰ Spud Date WHEN APPROVED
Depth to Groundwater 50' ±		Distance from nearest fresh water well ?		Distance from nearest surface water None near
Pit: Lining: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: 500 bbls Drilling Method: _____				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	28#	300'	300 Sx.	350' 000 *
7 7/8"	5 1/2"	15.5#	3124'	1000 Sx.	350' 000 *

²² 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.

- *1. The above casing setting and cementing was done when the well was drilled in 1948.
2. This well is temporarily abandoned. The proposal is to move in well service unit and rig up. Move in reverse unit with mud tank.
3. Nipple down well head install B.O.P. pick up 4 3/4" bit and drill collars and work string. Run in hole to top of CIBP drill CIBP and deepen hole to 3750' ±.
4. Pull out of hole run logs and attempt completion in the Queen formation open hole.
5. If completion is successful run production equipment, build tank battery and production equipment and place well on production.

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 the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Thompson Wink
REPRESENTATIVE II/STAFF MANAGER

Printed name: Joe T. Janica

Title:

Title: Agent

Approval Date: 9002-9 2 130 Expiration Date:

E-mail Address: joejanica@valornet.com

OCT 26 2006

Date: 10/24/06

Phone: 505-391-8503

Conditions of Approval Attached ☐

LATIGO PETROLEUM

STATE Land Section 32 #8

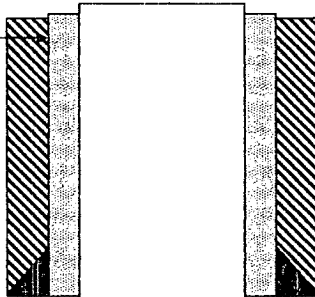
Lease: State Land Well #: 8 Field: Bowers
 Location: 1980 Ft. From South Line, 660 Feet From East Line.
 Section: 32 Twnshp: 18S Range: 38E County: Lea State: NM

API Number: 30-025-07542
 Ground Level: 3637'

Spud Date: 7/1/1948
 Completion Date: 7/20/1948

SURF CSG

8 5/8", 28#, 11"
 @300', CMT W/ 300 sx
 TOC: Circulated



7" hole

INITIAL COMPLETION DATA:

07/48: Well drilled to 3,030' cemented production casing w 1000 sx; drilled to 3,192'. Well has been producing from open hole interval between 3,124-3,192';

4/04: Set RBP @ 3050', test csg to 500 psi, catch & rel RBP, POH w same, RIH & set CIBP @ 3050', LD all 2 3/8" tbg, press test to 550 psi, held for 30 mins, good test. Well TA'd.

*Limited well file contains **no records** of workovers or treatments.

PROD CSG
 5 1/2", 15.5# @ 3124'
 Cmt'd w/1000 sx
 TOC = 350' (from ODC)

CIBP @ 3050'

OH (3124'-3192')

3192 ft



St. Land Sec. 32 #8
Re-enter TA'd Well and Deepen

PROCEDURE

Well Data:

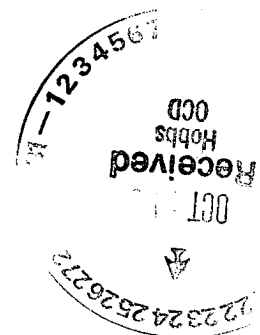
OH: 3124'-92'

Csg: 5 1/2", 15.5# @ 3124', TOC @ 350 ffs

Status: TA'd w/CIBP @ 3050'

- 1) Check anchors & clear location. MI & rack 2 7/8" WS. MIRU DDP. ND WH & NU BOP.
- 2) PU 4 3/4" MT bit & DC's on WS & tag up. RU rvrs unit & D.O. CIBP @ 3050'. Con't in hole. C.O. to 3192'. Con't drlg & deepen well to ~3722' taking 1' drlg times & 10' samples. Geologist will call actual TD & set up loggers. C&CH, POOH LD BHA & log.
- 3) Stimulation will be designed, as warranted by log & sample analysis.
- 4) RIH w/appropriate production equipment & lay flowline. Put well to production & report tests.

Approvals



State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

1220 SOUTH ST. FRANCIS DR.

State Lease - 4 Copies

Santa Fe, New Mexico 87505

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-07542	Pool Code 73600	Pool Name BYERS; Queen (GAS)
Property Code 300313	Property Name STATELAND SECTION 32	Well Number 8
OGRID No. 227001	Operator Name LATIGO PETROLEUM, INC.	Elevation 3635'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	18-S	38-E		1980	SOUTH	681	EAST	LEA

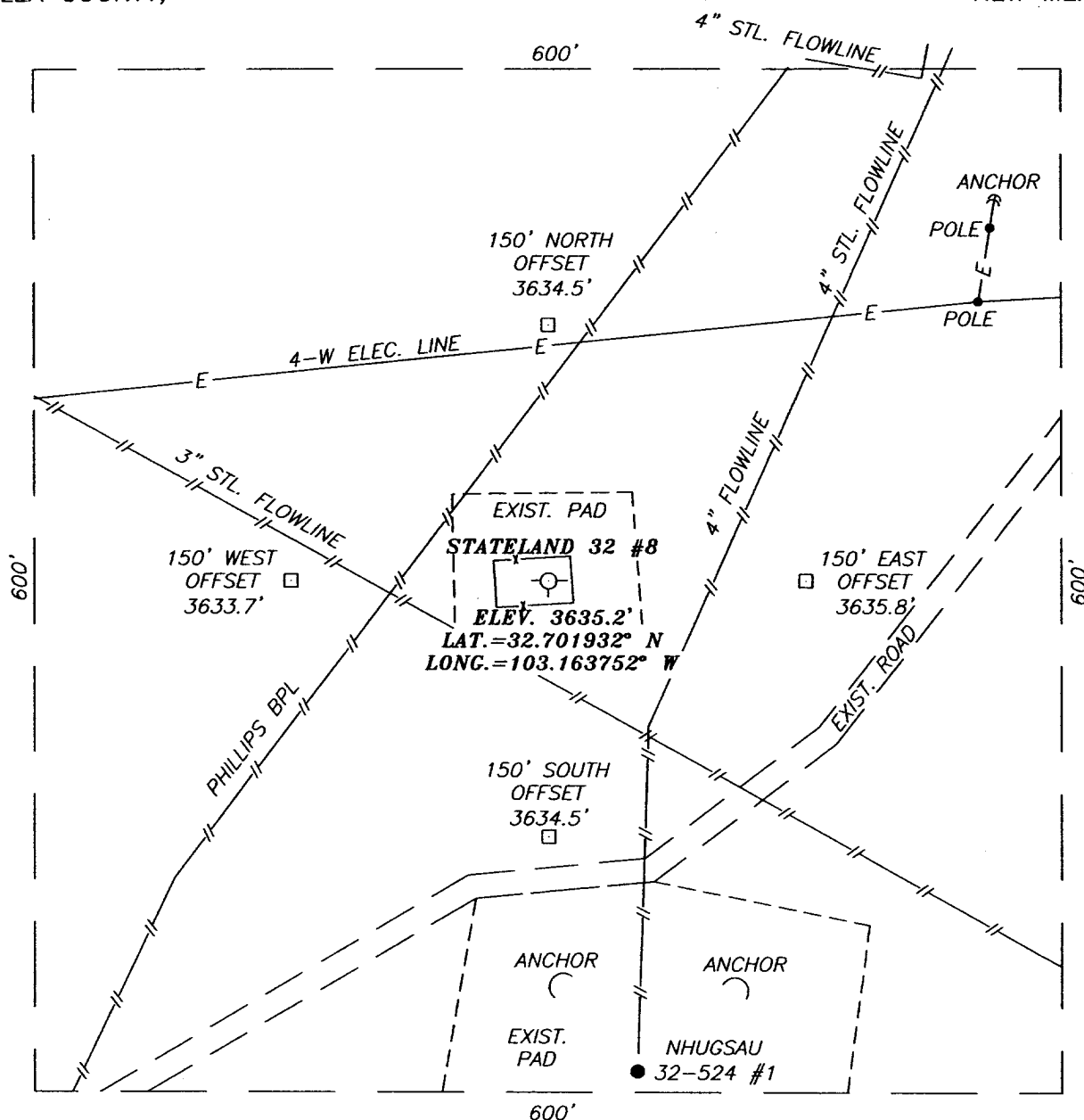
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 160	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

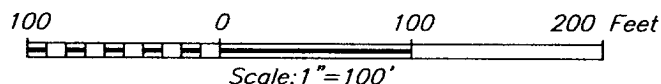
<p>GEODETIC COORDINATES NAD 27 NME Y=621058.0 N X=859785.3 E LAT.=32.701932° N LONG.=103.163752° W</p>	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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. Signature Date Joe T. Janica 10/24/06 Printed Name Agent
	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 11, 2006 Date Surveyed LA Signature & Seal of Professional Surveyor Certificate No. GARY EDSON 12841

SECTION 32, TOWNSHIP 18 SOUTH, RANGE 38 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF W. SANGER AND FRENCH DRIVE AND GO SOUTH ON CALICHE LEASE ROAD APPROX. 0.55 MILES. TURN RIGHT AND GO WEST APPROX. 0.05 MILES. ROAD TURNS LEFT AT OCCIDENTAL PERMIAN 32-524 #3. GO SOUTHWEST APPROX. 0.05 MILES. THIS LOCATION IS APPROX. 240 FEET WEST.



LATIGO PETROLEUM, INC.

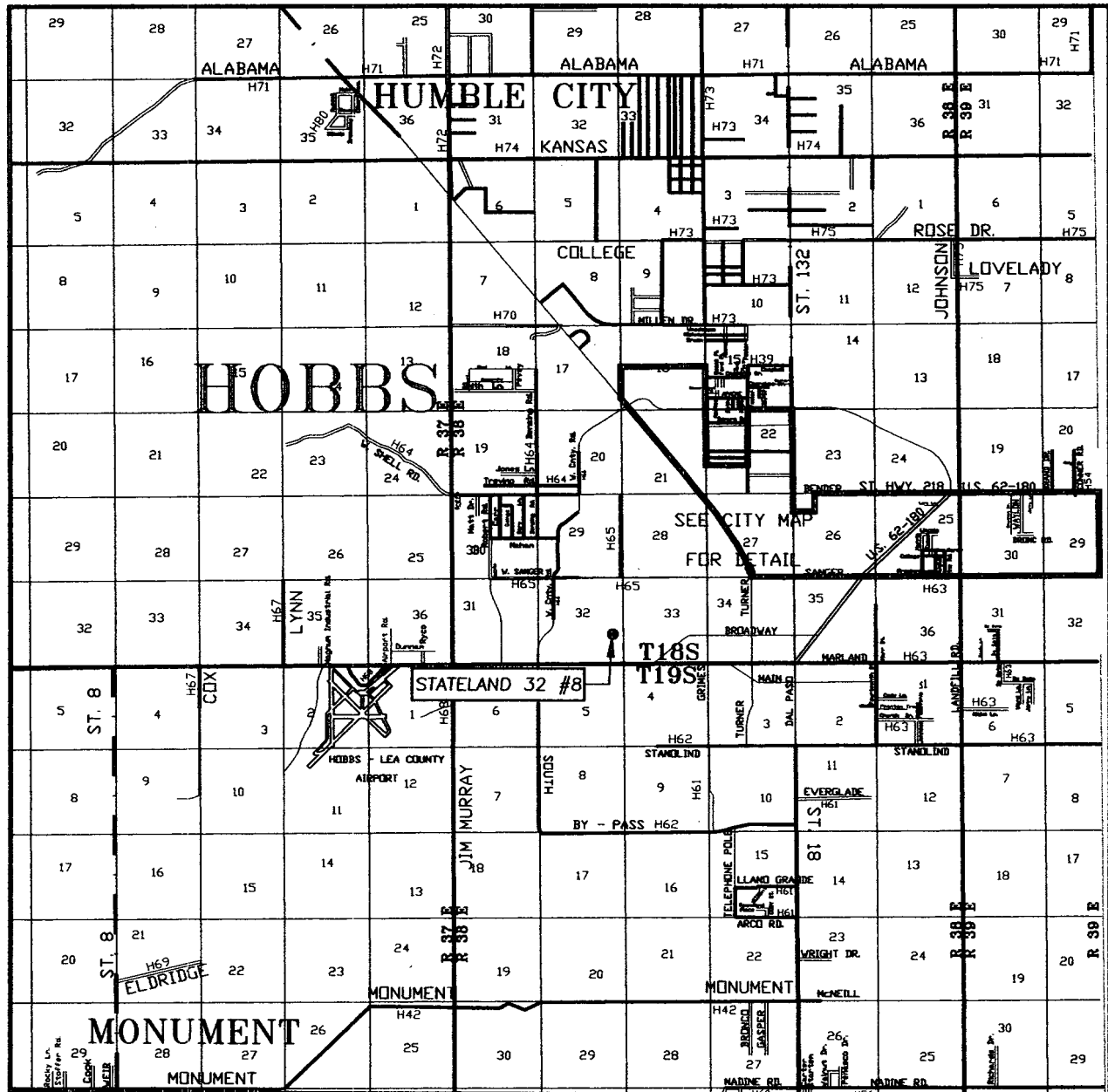
STATELAND 32 #8 WELL
 LOCATED 1980 FEET FROM THE SOUTH LINE
 AND 681 FEET FROM THE EAST LINE OF SECTION 32,
 TOWNSHIP 18 SOUTH, RANGE 38 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 10/11/06	Sheet 1 of 1 Sheets
W.O. Number: 06.11.1626	Dr By: LA
Date: 10/18/06	Disk: CD#5
06111626	Scale: 1"=100'



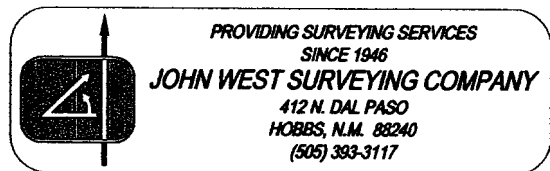
PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

VICINITY MAP

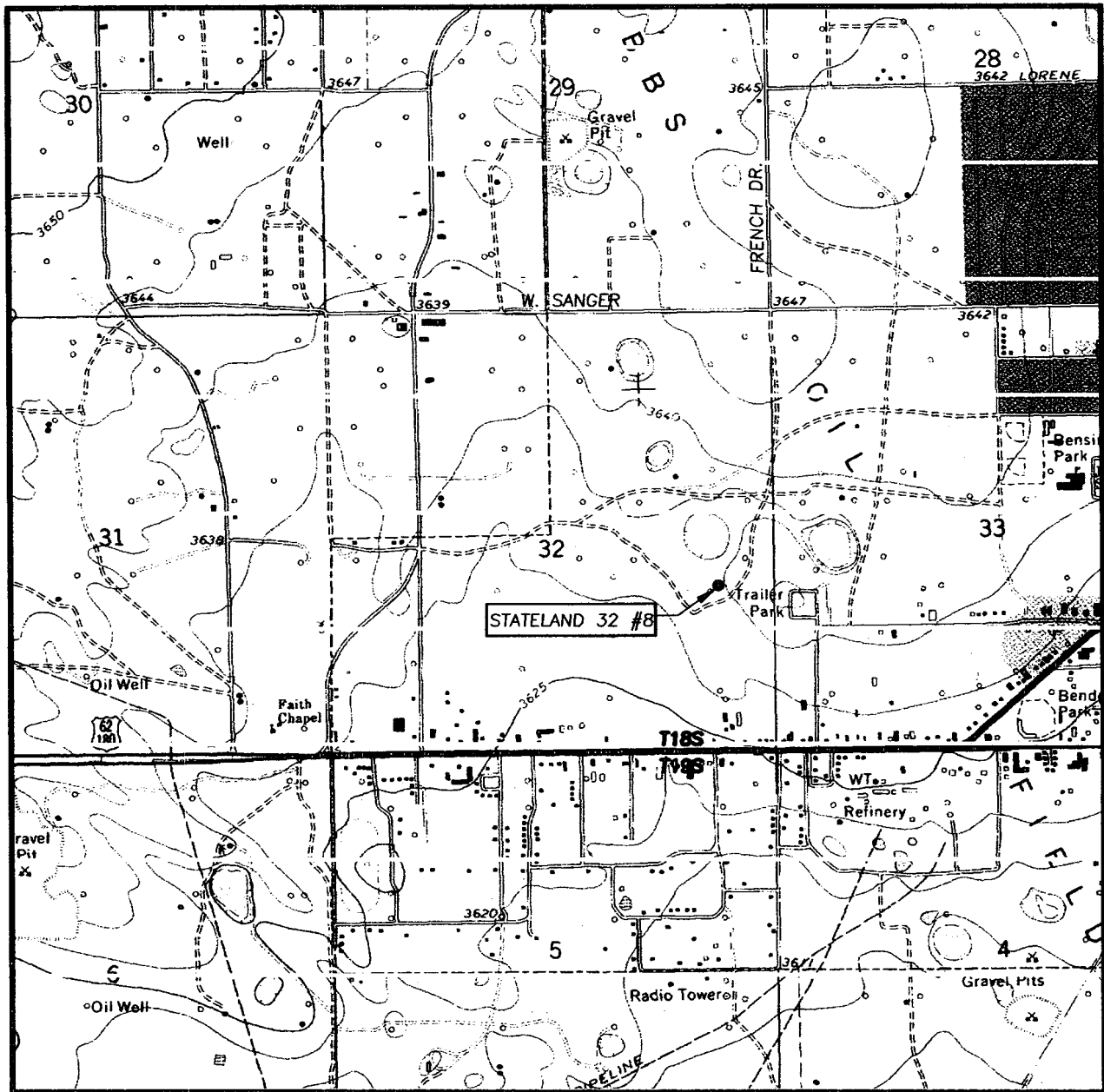


SCALE: 1" = 2 MILES

SEC. 32 TWP. 18-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 1980' FSL & 681' FEL
 ELEVATION 3635'
 OPERATOR LATIGO PETROLEUM, INC.
 LEASE STATELAND 32



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS WEST, N.M. - 5'

SEC. 32 TWP. 18-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

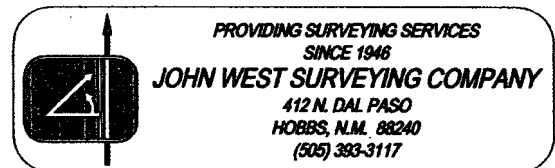
DESCRIPTION 1980' FSL & 681' FEL

ELEVATION 3635'

OPERATOR LATIGO PETROLEUM, INC.

LEASE STATELAND 32

U.S.G.S. TOPOGRAPHIC MAP
HOBBS WEST, N.M.



11" 2M

