

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify \_\_\_\_\_

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners  
 [B]  Offset Operators, Leaseholders or Surface Owner  
 [C]  Application is One Which Requires Published Legal Notice  
 [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F]  Waivers are Attached

2005 APR 5 PM 12 44

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce  
Print or Type Name

*James Bruce*  
Signature

Attorney for Applicant  
Title

4/5/05  
Date

jamesbruc@aol.com  
e-mail Address

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

April 5, 2005

Hand delivered

Michael E. Stogner  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Bass Enterprises Production Co. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Poker Lake Unit Well No. 207
<u>Location:</u>	2500 feet FNL & 860 feet FEL
<u>Well unit:</u>	SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 18, Township 24 South, Range 30 East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to a depth sufficient to test the Delaware formation (Nash Draw-Delaware Pool). The pool is spaced on statewide rules, with 40 acre spacing, and wells to be located no closer than 10 feet to a quarter-quarter section line. A Form C-102 for the well is attached as Exhibit A.

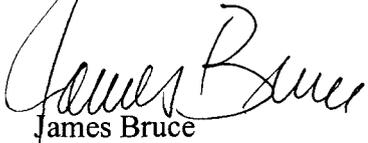
The location is based on topographical and archaeological reasons. Attached as Exhibit B is a topographic plat, showing the ridge lines in the well unit. The well needs to be located off of the ridge line. In addition, attached as Exhibit C is an archaeological report, showing limited locations due to archaeology.

Although geology is not involved in this application, a structure map of the Lower Brushy Canyon (the primary productive zone) is attached as Exhibit D. The structure at the proposed location is as good as in the wells to the north and south. In addition, the proposed well is located a reasonable distance from the well to the south, and drainage should not be a concern.

The well is located on a federal lease which covers, among other acreage, the SE $\frac{1}{4}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$  of section 18 ownership in both quarter-quarter sections. Therefore, there is no adversely affected party, and notice has not been given to anyone.

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in black ink and is positioned above the printed name.

James Bruce

Attorney for Bass Enterprises Production Co.

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

*JWB*

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name POKER LAKE UNIT	Well Number 207
OGRID No.	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3209'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	18	24 S	30 E		2500	NORTH	860	EAST	EDDY

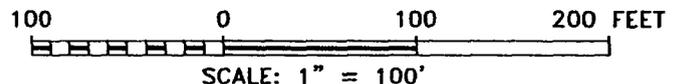
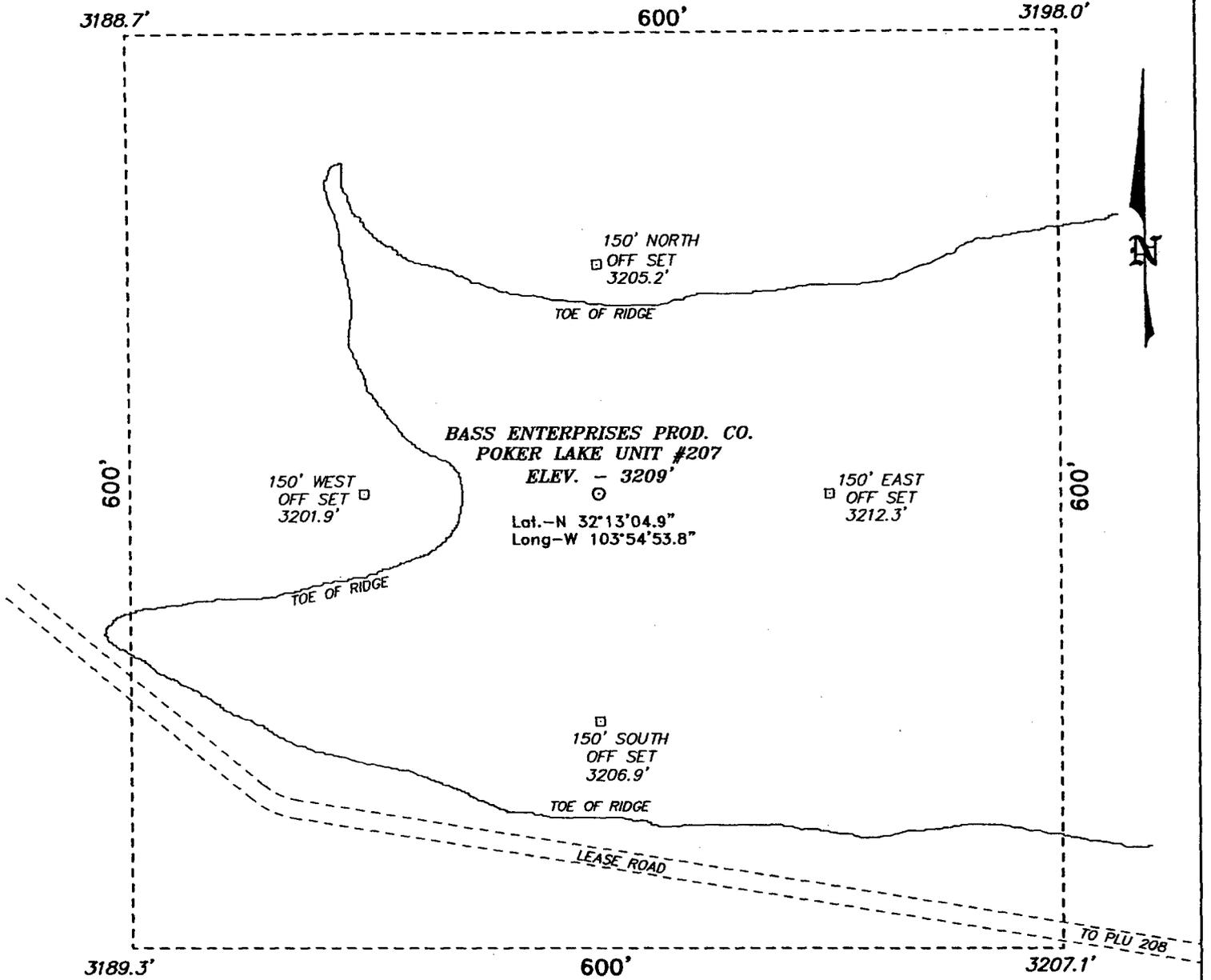
Bottom Hole Location If Different From Surface

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature _____ W.R. DANNELS Printed Name DIVISION DRILLING SUPT. Title Date _____</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>MAY 19, 2004</p> <p>Date Surveyed _____ Signature &amp; Seal of Professional Surveyor _____ W.O. No. 4298 Certificate No. Gary L. [unclear] 7977</p>
	<p>NEW MEXICO REGISTERED PROFESSIONAL SURVEYORS GARY L. [unclear]</p>
	<p>EXHIBIT A Blumberg No. 8119</p>

SECTION 18, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.



**DIRECTIONS TO LOCATION:**

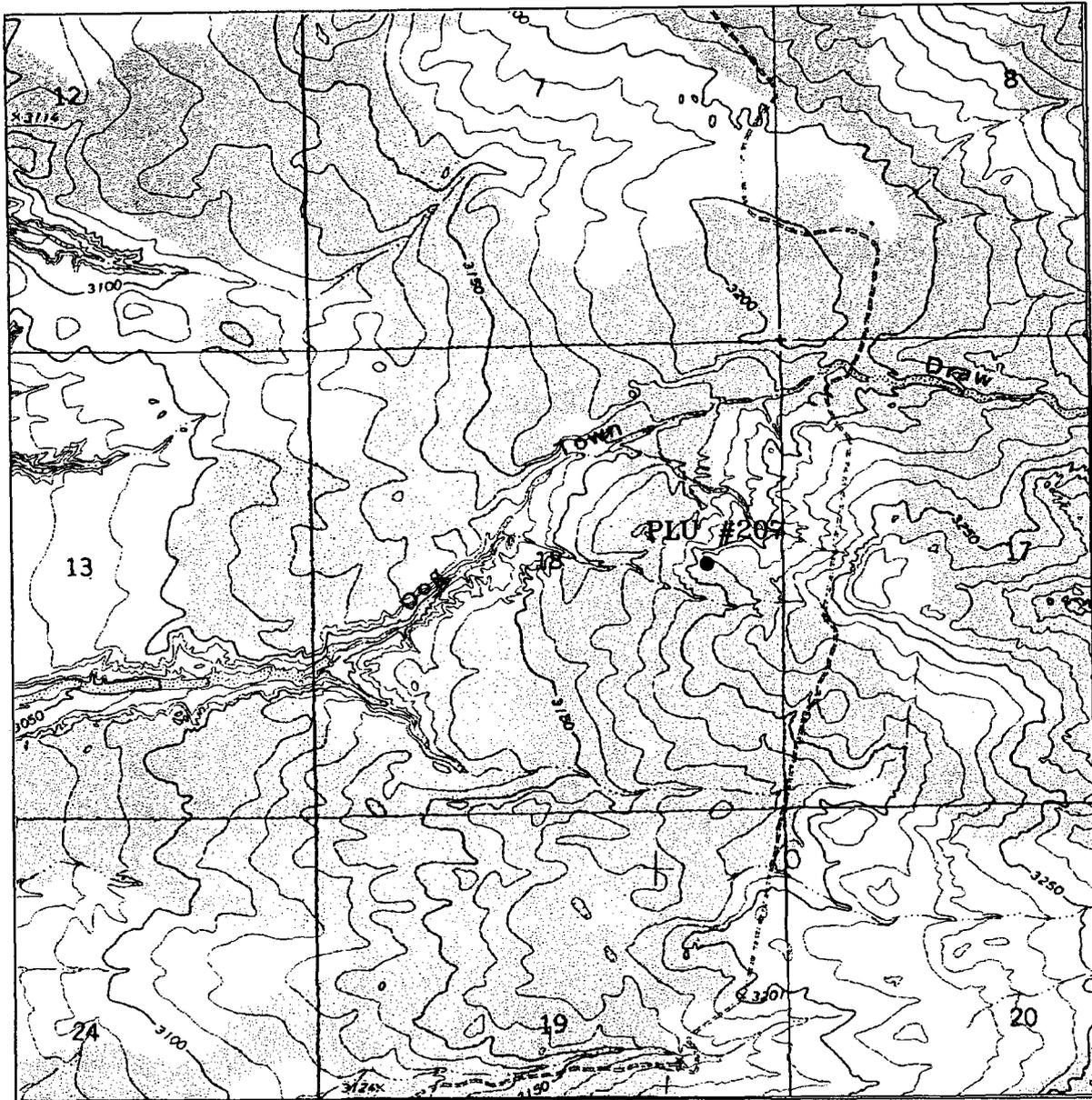
FROM THE JUNCTION OF CO. RD. 748 AND CO. RD. 746A, GO NORTHERLY ON 746A FOR APPROX. 2.0 MILES TO LEASE ROAD; THENCE WEST ON LEASE ROAD TO THE PLU #208 AND CONTINUE WEST TO THE PROPOSED WELL PAD.

**BASS ENTERPRISES PRODUCTION CO.**

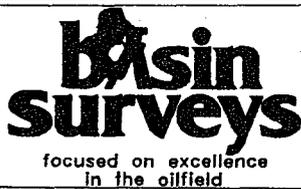
REF: POKER LAKE UNIT No. 207 / Well Pad Topo  
 THE POKER LAKE UNIT No. 207 LOCATED 2500' FROM THE NORTH LINE AND 860' FROM THE EAST LINE OF SECTION 18, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 4298	Drawn By: K. GOAD	Survey Date: 05-19-2004	Sheet 1 of 1 Sheets
Date: 05-20-2004	Disk: KJG CD#7 - 4298A.DWG		



**POKER LAKE UNIT #207**  
 Located at 2500' FNL and 860' FEL  
 Section 18, Township 24 South, Range 30 East,  
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
 basinsurveys.com

W.O. Number: 4298AA - KJG #7

Survey Date: 05-19-2004

Scale: 1" = 2000'

Date: 05-20-2004

**BASS ENTERPRISES  
 PRODUCTION CO.**

**TITLE PAGE/ABSTRACT/  
NEGATIVE SITE REPORT  
CFO/RFO**

1/03

1. BLM Report No.	2. Reviewer's Initials/Date _____ ACCEPTED ( ) REJECTED ( )	3. NMCRIS No.: 88565
4. Type of Report:                      Negative(    )                      Positive (X)		
5. Title of Report: Class III archaeological survey of a pad for the Poker Lake Unit well No. 207.  Author(s): Ann Boone		6. Fieldwork Date(s): from 1 June 2004 to
8. Consultant Name & Address: Boone Archaeological Services 2030 North Canal Carlsbad, NM 88220 Direct Charge: Danny Boone Field Personnel Names: Danny Boone Phone: (505) 885-1352		7. Report Date: 7 June 2004
11. Customer Name: Bass Enterprises Production Company Responsible Individual: W. R. Dannels Address: P.O. Box 2760 Midland, Texas 79702 Phone: (915) 683-2277		9. Cultural Resource Permit No.: 190-2920-03-E
13. Land Status		10. Consultant Report No.: BAS 05-04-36
	BLM	STATE
	PRIVATE	OTHER
	TOTAL	
a. Area Surveyed (acres)	6.2 (+/-)	0
b. Area of Effect (acres)	0	0
	3.67 (-/+)	0
	0	0
	6.2 (-/+)	3.67 (+/-)
14. a. Linear: Length; NA    Width; NA b. Block: 600' x 600'		
15. Location: (Maps Attached if Negative Survey) a. State: New Mexico b. County: Eddy c. BLM Office: Carlsbad d. Nearest City or Town: Malaga, NM e. Legal Location: T 24S, R 30E, Sec. 18, SE NE, NE SE. f. Well Pad Footages: 2500' FSL, 860' FEL g. USGS 7.5 Map Name(s) and Code Number(s): Pierce Canyon, NM (1968) 32103-B8		
12. Customer Project No.:		



**16. Project Data:**

a. Records Search: Date(s) of BLM File Review: 01 June 2004 Name of Reviewer (s): Danny Boone  
 Date(s) of ARMS Data Review: 1 June 2004 Name of Reviewer (s): Ann Boone

Findings (see Field Office requirements to determine area to be reviewed during records search):

LA 139926, LA 29622 and LA 143786 are within 0.25 mile.

**b. Description of Undertaking:**

The project is a 600 feet by 600 feet pad for an oil well. The proposed pad has an existing east to west lease road (BLM No. 03-660) across the southern portion of the survey area. Survey acres were estimated on this basis. Impact acres are unknown and are also estimated. Mr. Bruce Bocke, BLM Archaeologist was consulted about the project. A Plat is attached to this report.

**c. Environmental Setting (NRCS soil designation; vegetative community, etc.):**

Topography: The drill hole and north central portion is on rocky ridge, east and south portions in dunes, west and extreme north on alluvial fan.

Vegetation: Approximately 25% overall groundcover, mesquite, creosote, hackberry, allthorn, acacia, littleleaf horsebrush, broom snakeweed, yucca cactus, various grasses and other flora.

NRCS: Kermit-Berino association: Sandy, deep soils from wind-worked mixed sand deposits

**d. Field Methods: (transect intervals; crew size; time in field, etc.):**

Transects: A grid of parallel transects spaced up to 15 meters apart.

Crew Size: One

Time in Field: 8 hours

**e. Artifacts Collected (?): None****17. Cultural Resource Findings:**

a. Identification and description: One new site, LA144221 and two Isolated Manifestations (IM) were recorded.

b. Evaluation of significance of Each Resource: See attachments.

**18. Management Summary (Recommendations):**

Archaeological clearance of a pad for the Poker Lake Unit Well No. 207 for Bass Enterprises Production Company is recommended provided that a barrier fence is erected limiting access to the northeast portion of the pad. This fence should be placed at point beginning 184 feet northeast of the drill hole, trending southeast to a point 220 feet due east of the drill hole. If cultural resources are encountered at any time all activity should cease and the BLM Archaeologist notified immediately.

19. I certify that the information provided above is correct and accurate and meets all appreciable BLM standards.

Responsible Archaeologist

Signature

Date

*Danny Boone*      *8 June 2004*

BOONE ARCHAEOLOGICAL SERVICES, LLC

BAS No. 05-04-36

7 June, 2004

Page 1

Class III Archaeological Survey

Of

Poker Lake Unit Well No. 207 Pad

Prepared For

Mr. W. R. Dannels

Bass Enterprises Production Company  
Midland, Texas 79702

By

Boone Archaeological Services, LLC  
Carlsbad, New Mexico 88220

BAS Report No. 05-04-36

NMCRIS No. 88565

BOONE ARCHAEOLOGICAL SERVICES, LLC BAS No. 05-04-36 7 June, 2004 Page 2

Attention:  
Mr. W. R. Dannels;

1. Introduction:

Mr. W. R. Dannels of Bass Enterprises Production Company contacted Boone Archaeological Services, LLC on 18 May 2004 requesting a Class III Cultural Inventory of a pad for the Poker Lake Unit Well No. 207. Plats were received from Basin Surveys on 24 May 2004 and on 1 June 2004, Danny Boone Field Supervisor / Principal Investigator for Boone Archaeological Services, LLC conducted an intensive class III pedestrian cultural survey of the affected area. One new archaeological site, LA 144221 was encountered and recorded. Location plats for the project were provided by Bass Enterprises Production Company and a copy is attached to this report. Archaeological clearance for the project as presently flagged is recommended provided that the recommendations in Section 7 of this report are followed.

2. Project Description:

The project is a 600 feet by 600 feet pad for an oil well. The proposed pad has an existing east to west lease road (BLM No. 03-660) across the southern portion of the survey area. Survey acres were estimated on this basis. Impact acres are unknown and are also estimated. Mr. Bruce Boeke, BLM Archaeologist was consulted about the project. A Plat is attached to this report.

3. Legal Description:

Drill Hole Location: T 24S, R 30E, Section 18, SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; 2500 feet FSL, 860 feet FEL,

Survey Acres: 6.2 (-/+)

Impact Acres: 3.67 (+/-)

Map Reference: USGS 7.5' Series: Pierce Canyon, NM (1968) 32103-B8

Land Status: Bureau Of Land Management, Carlsbad Filed Office

4. Environmental Setting:

Topography: The drill hole and north central portion is on a rocky ridge, the east and south portions in dunes, west and extreme north is on an alluvial fan.

Vegetation: Overall groundcover is approximately 25%, mesquite hummocks, creosote, hackberry, allthorn, acacia, littleleaf horsebrush, broom snakeweed, yucca cactus, various grasses and other flora.

NRCS: Kermit-Berino association: Sandy, deep soils from wind-worked mixed sand deposits

Aspect: 360 degrees

Elevation: 3,209 feet at the drill hole.

Lithic Resources: Quartzite and chert are found in nearby drainages.

Water Sources: (permanent) Pecos River is approximately 4.5 miles west.  
(potential): Dog Town Draw is approximately 0.25 mile north.

5. Examination Procedure:

A grid of parallel transects spaced up to 15 meters apart.

BOONE ARCHAEOLOGICAL SERVICES, LLC BAS No. 05-04-36 7 June, 2004 Page 3

Weather: Clear, sunny and hot

Lighting Conditions: Fair

Work Hours on the Ground: 8

Crew Size: One

6. Findings:

A search of New Mexico Laboratory of Anthropology survey and site records was conducted by Ann Boone on 1 June 2004 and in person by Danny Boone on 1 June 2004 at the Carlsbad Bureau Of Land Management. These records revealed that LA 139926, LA 29622 and LA 143786 are within 0.25 mile of the project. Field survey resulted in the recording of two Isolated Manifestations (IM) and LA 144221, a BLM Category II prehistoric site, no structures, See attached Project Location Map.

IM No. 1 at UTM Zone 13, 602302E, 3564936N consists of approximately 20 FCR and fragments scattered over approximately 5 x 10 meters.

IM No. 2 at UTM Zone 13, 602283E, 3564905N consists of approximately 15 FCR and fragments scattered over approximately 10 x 3 meters.

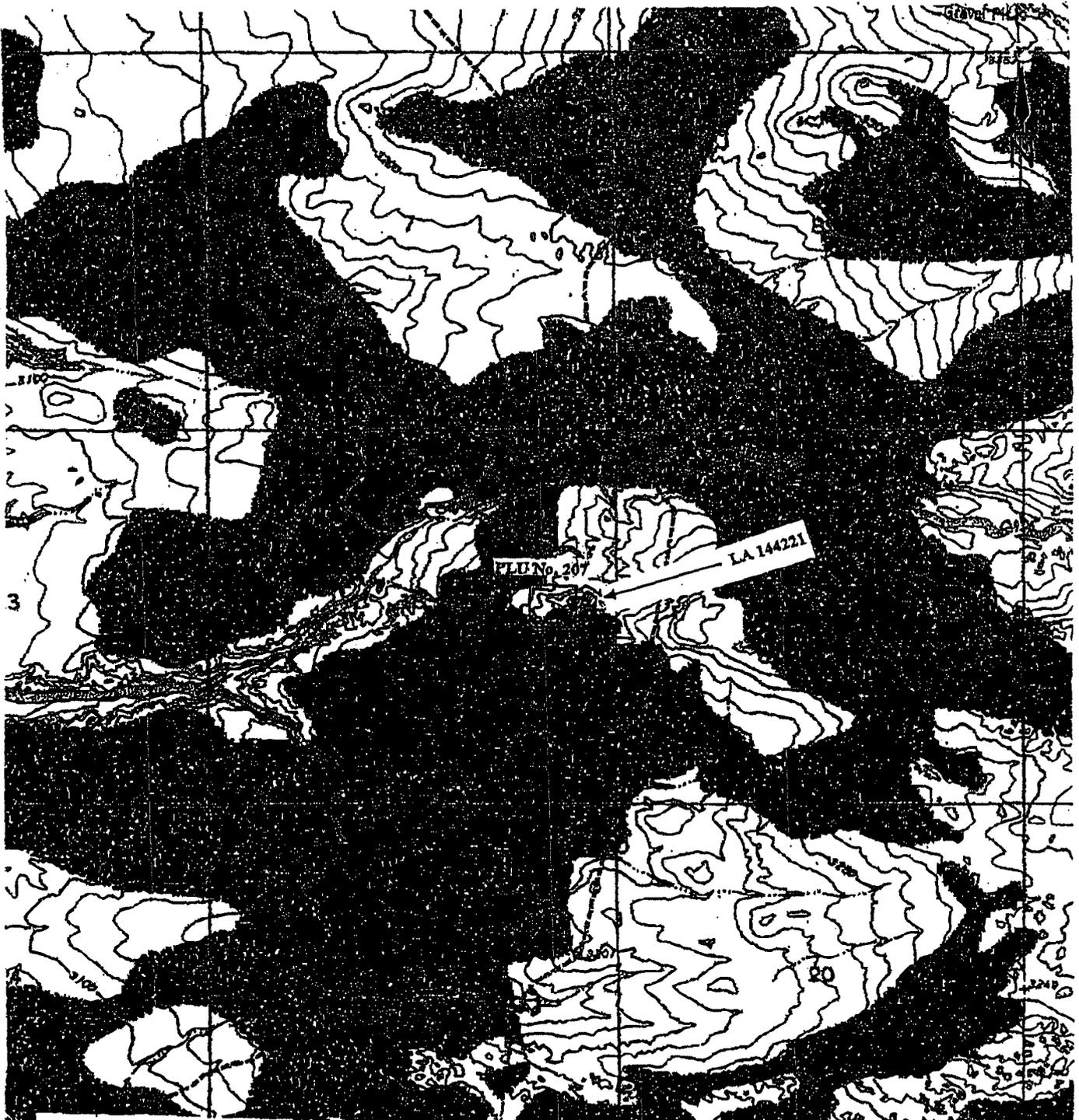
LA 144221, site is situated on a east to west trending caliche ridge that is partially covered by dunes and mesquite hummocks. Deflation basins of various shapes and sizes ranging up to two meters or more in depth, 40 meters or more in length and 15 meters in width cover the dune portion. Some of the north and west portions are on bedrock. Artifact density is low, few flakes and pottery fragments, groundstone fragments and FCR are scattered over a large area. No features were found but several loose scatters of FCR indicate that they were present at one time and deflation probably has dispersed them. Some of the FCR and artifacts are setting on exposed caliche bedrock with the majority located in sandy dunes. Artifacts in these dune areas are visible on the surface and several shovel test in or near them produced no subsurface deposits. Further testing should be done prior to final determination of the Eligibility status, but based on the current observations LA 144221 is not recommended.

7. Recommendations:

Archaeological clearance of a pad for the Poker Lake Unit Well No. 207 for Bass Enterprises Production Company is recommended provided that a barrier fence is erected limiting access to the northeast portion of the pad. This fence should be placed at point beginning 184 feet northeast of the drill hole, trending southeast to a point 220 feet due east of the drill hole. See accompanying diagram. All activity should cease and the Carlsbad BLM Archaeologist notified immediately if cultural resources are encountered at any time.

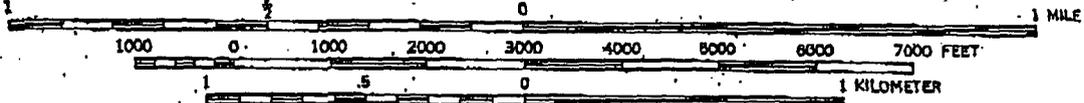
Table 1. Site Summary Table

LA #	Field #	Ownership	Quadrangle	Legal Location	Category	Description	Eligibility
LA 144221	BAS 05-04-36	Federal, BLM Carlsbad	Pierce Canyon, NM (1968) 32103-B8	Sec. 18, T 24S, R 30E, UTM: Zone 13, 602379E, 3564936N	II	Pre-Historic	Not sure



Location Map of a pad for the Poker Lake Unit well No. 207 for Bass Enterprises Production Company in Section 18, T 24S, R 30E, NMPM, Eddy County, New Mexico.  
Map Reference: USGS 7.5' Series; Pierce Canyon, NM (1968) 32103-B8

SCALE 1:24,000

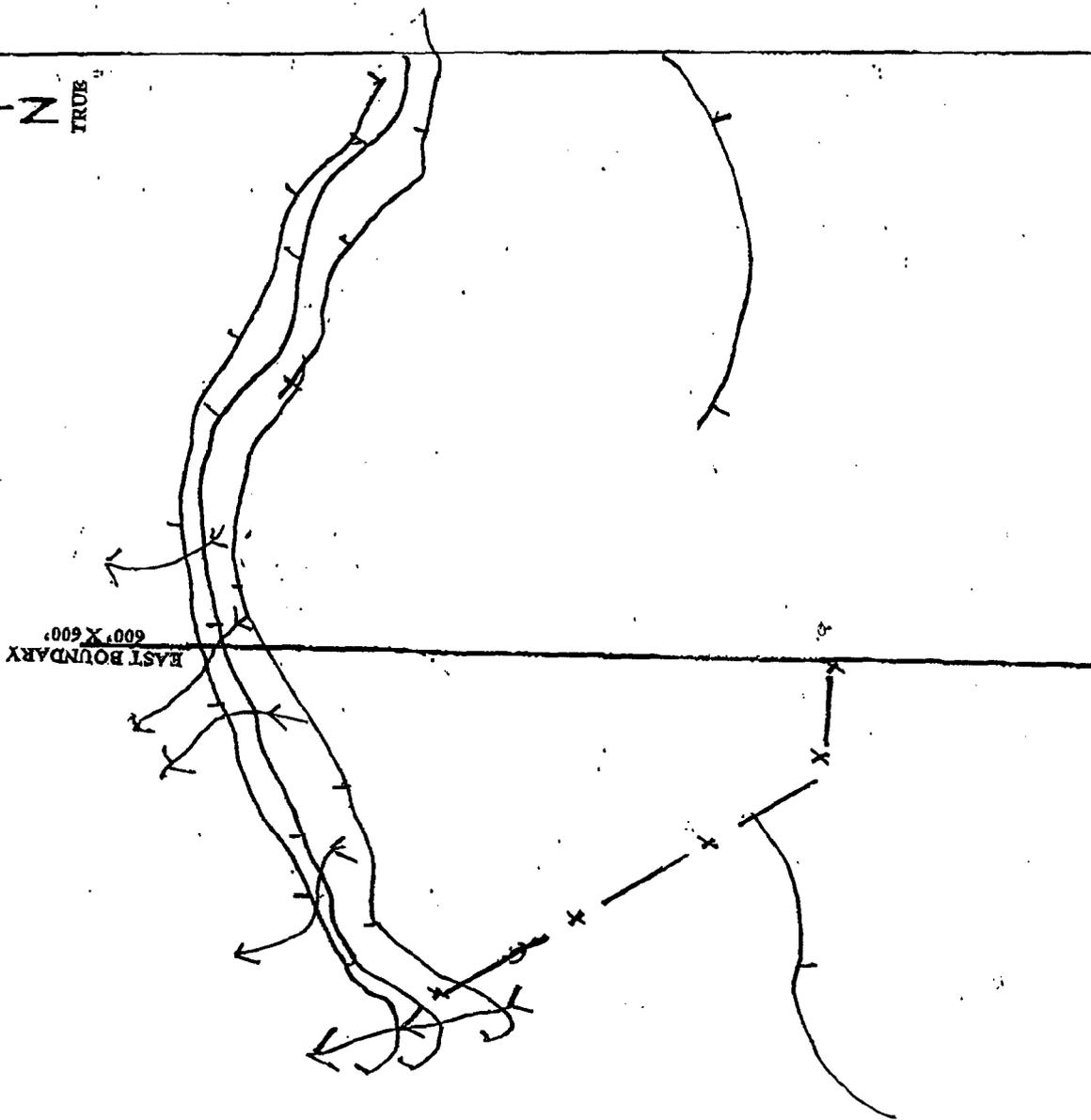


BAS

BAS 05-04-36DB



EAST BOUNDARY  
600' X 600'



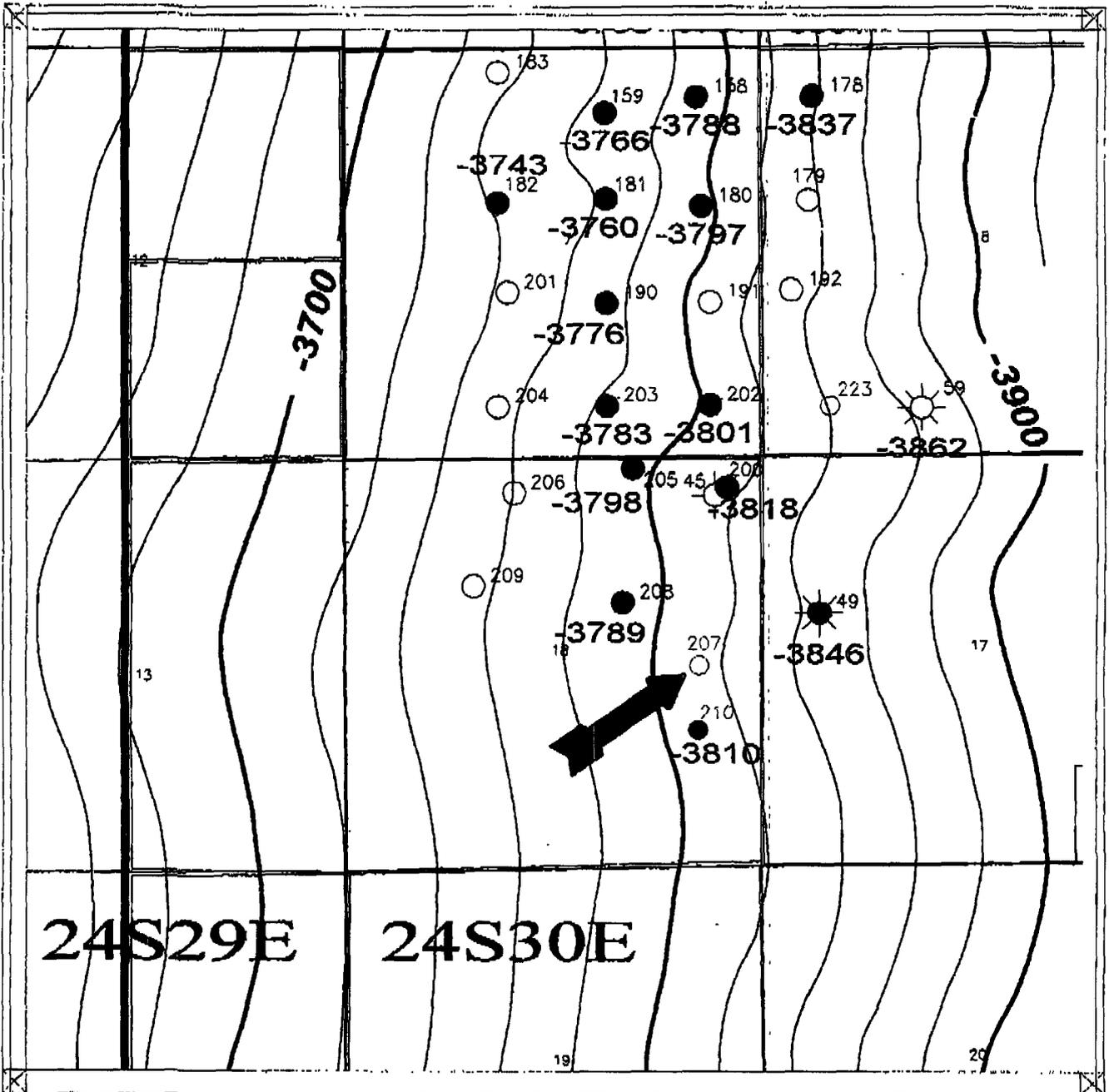
LA 144221  
T 24S, R 30, Sec. 18

KEY

- A --- DATUM, UTM ZONE 13, 602379E, 3564936N
- - - SITE BOUNDARY
- X --- CHERT FLAKE
- O --- QUARTZITE FLAKE
- H --- QUARTZITE CORE / HAMMER STONE
- S --- SHELL
- ∴ --- FCR
- G --- GROUNDSTONE
- P --- POTTERY
- T --- SHOVEL TEST
- ∧ --- MESQUITE HUMMOCK
- X --- X --- RECOMMENDED FENCE
- --- DRAINAGE(S)
- ~ --- COUNTOUR LINES 2 FT. INTERVALS

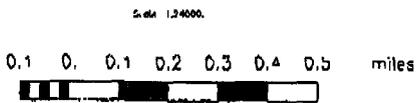
DRILL HOLE





24S29E

24S30E



Bass Enterprises Production Company		
Eddy County New Mexico Nash Draw Field Lower Brushy Canyon Structure		
CI - 20'	I = 2000'	11/9/2004
10/20/05 up		



29.5  
2)59  
4  
-----  
19  
~~18~~  
1.0

**Stogner, Michael**

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**From:** JamesBruc@aol.com  
**Sent:** Tuesday, April 19, 2005 2:45 PM  
**To:** mstogner@state.nm.us  
**Subject:** Bass/Poker Lake Unit No. 207

Mike: Hate to bug you, but my client is bugging me about the application. Do you need anything else from me on it? Thanks.

jim

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This email has been scanned by the MessageLabs Email Security System.  
For more information please visit <http://www.messagelabs.com/email>

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