

DEP.
BURI

If earthen pits are used in
association with the drilling of the
well, an OCD pit permit must be
obtained prior to pit construction

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		CONFIDENTIAL 1796	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			
2. Name of Operator BASS ENTERPRISES PRODUCTION CO		Contact: CINDI GOODMAN E-Mail: CDGOODMAN@BASSPET.COM	
3a. Address P O BOX 2760 MIDLAND, TX 79702		3b. Phone No. (include area code) Ph: 432-683-2277	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESW 1930 FSL 1980 FWL 32.12037 N Lat, 103.55233 W Lon At proposed prod. zone NESW 1930 FSL 1980 FWL 32.12037 N Lat, 103.55233 W Lon		9. API Well No. 30-015-34636 10. Field and Pool, or Exploratory NASH DRAW-DELAWARE / Bona Spring (Avalon Sand) 11. Sec., T, R., M., or Blk. and Survey or Area Sec 19 T24S R30E Mer NMP SME: BLM	
14. Distance in miles and direction from nearest town or post office* 14 MILES EAST OF MALAGA, NM		12. County or Parish EDDY	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1930'		13. State NM	
16. No. of Acres in Lease 2520.68		17. Spacing Unit dedicated to this well 40.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2100'		19. Proposed Depth 7600 MD 7600 TVD	
20. BLM/BIA Bond No. on file		21. Elevations (Show whether DF, KB, RT, GL, etc.) 3149 GL	
22. Approximate date work will start 04/01/2005		23. Estimated duration 12 DAYS	

24. Attachments

CARLSBAD CONTROLLED WATER BASIN

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)		Name (Printed/Typed) CINDI GOODMAN Ph: 432-683-2277		Date 02/04/2005	
Title AUTHORIZED REPRESENTATIVE					
Approved by (Signature) /s/ Joe G. Lara		Name (Printed/Typed) /s/ Joe G. Lara		Date MAY 17 2005	
Title ACTING FIELD MANAGER		Office CARLSBAD FIELD OFFICE			

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

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.

Additional Operator Remarks (see next page)

Electronic Submission #53806 verified by the BLM Well Information System
For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 02/08/2005 (05LA0350AE)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

WITNESS

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

Additional Operator Remarks:

Surface casing to be set into Rustler below all fresh water sands.
Production casing will be cemented using Zone Seal Cement.
Drilling Procedure, BOP Diagram, Anticipated tops & surface plans attached.

This well is located outside the Secretary's Potash area and outside the R-111 Potash area. There are no potash leases within 1 mile of the location.

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

5. Lease Serial No.

NMNM02860

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NMNM71016

8. Well Name and No.

POKER LAKE UNIT #219

9. API Well No.

10. Field and Pool, or Exploratory Area

NASH DRAW - DELAWARE

11. County or Parish, State

EDDY

NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Bass Enterprises Production Co.

3a. Address

P. O. Box 2760 Midland TX 79702

3b. Phone No. (include area code)

(432)683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 19, T24S, R30E, SENE, LOT K, 1730 FSL 2280 FWL
32.12015 N LAT, 103.55195 W LON**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other MOVE WELL
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	LOCATION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 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.)

Bass Enterprises Production Co. proposes to move well location as described in APD submitted 2/1/05 from 1980' FSL & 1980' FWL Sec 19, T24S, R30E to 1730' FSL & 2280' FWL Sec 19, T24S, R30E. This move is necessary to avoid Archeological Sites LA147930, LA147931 and LA147932 as recorded by Boone Archeological 2/9/05 and 2/10/05.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cindi Goodman

Title

Production Clerk

Signature

Date

04/14/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Joe G. Lara

ACTING

FIELD MANAGER

Date

MAY 17 2005

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

CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001, makes 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.

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

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 47545	Pool Name NASH DRAW - DELAWARE / Bass Spring (Avalon Sand)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 219
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3157'

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	19	24 S	30 E		1730	SOUTH	2280	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
Dedicated Acres 40	Joint or Infill N	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 1 - 40.77 AC.	40.66 AC.	40.65 AC.	40.65 AC.
LOT 2 - 40.87 AC.	40.69 AC.	40.68 AC.	40.66 AC.
LOT 3 - 40.94 AC.	40.69 AC. 3158.2' 3156.8' 2280' 3145.8' 3159.2'	40.68 AC.	40.67 AC.
LOT 4 - 41.06 AC.	40.73 AC.	40.70 AC.	40.70 AC.

LAT - N32°12'01.5"
LONG - W103°55'19.5"

1730'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

William R. Dannels
Signature
W.R. DANNELS
Printed Name
DIVISION DRILLING SUPT.
Title
4/20/05
Date

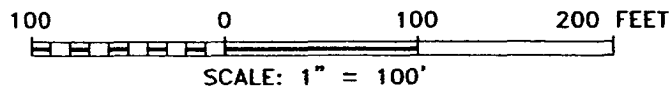
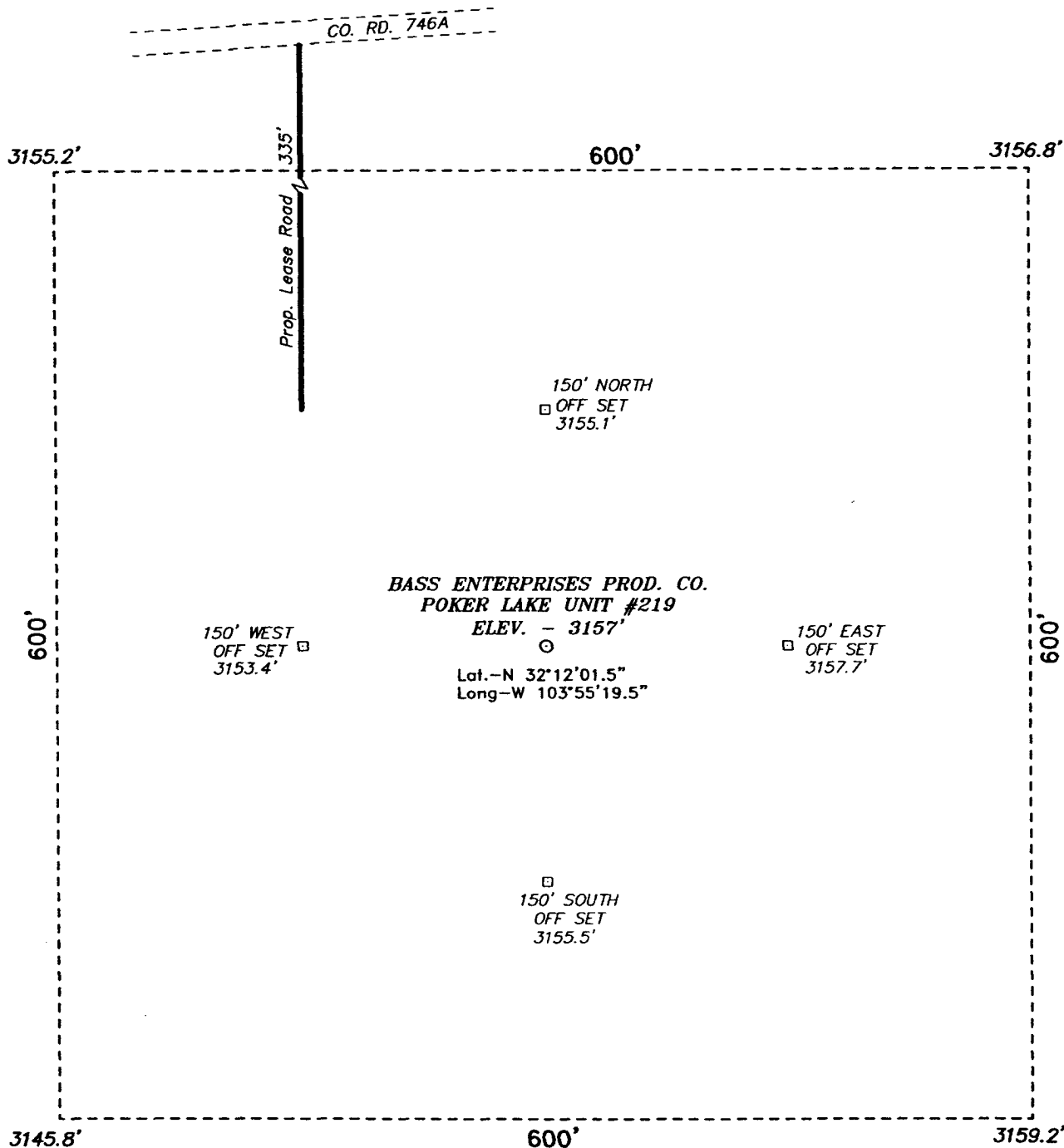
SURVEYOR CERTIFICATION

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.

MARCH 12, 2005

Date Surveyed
Signature & Seal of
Professional Surveyor
GARY L. JONES
7977
W.O. No. 5164
Certificate No. Gary L. Jones 7977
BASS SURVEYS

**SECTION 19, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF CO. RD. 746A AND CO. RD. 748, GO EASTERLY ON CO. RD. 746A FOR APPROX. 0.5 MILE TO A POINT ON THE PROPOSED WELL PAD.

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

W.O. Number: 5164

Drawn By: K. GOAD

Date: 03-16-2005

Disk: KJG CD#7 - 5164A.DWG

BASS ENTERPRISES PRODUCTION CO.

REF: POKER LAKE UNIT No. 219 / Well Pad Topo

THE POKER LAKE UNIT No. 219 LOCATED 1730' FROM
THE SOUTH LINE AND 2280' FROM THE WEST LINE OF
SECTION 19, TOWNSHIP 24 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 03-12-2005

Sheet 1 of 1 Sheets

**EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.**

NAME OF WELL: Poker Lake Unit #219

LEGAL DESCRIPTION - SURFACE: 1930' FSL & 1980' FWL, Section 19, T-24-S, R-30-E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 Below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3169' (est) GL 3149'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUBSEA TOP</u>	<u>BEARING</u>
T/Rustler	144'	+3025	Barren
T/Salt	384'	+2785'	Barren
T/Lwr Brushy Canyon "8" A	6954'	-3785'	Oil/Gas
T/Bone Spring	7227'	-4058'	Oil/Gas
TD	7600'	-4431'	

POINT 3: CASING PROGRAM

<u>TYPE</u>	<u>INTERVALS</u>	<u>PURPOSE</u>	<u>CONDITION</u>
16"	0' - 40'	Conductor	Contractor Discretion
8-5/8", 28#, J-55, LT&C	0' - 350'	Surface	New
5-1/2", 15.5#, J-55, LT&C	0' - 6300'	Production	New
5-1/2", 17#, J-55, LT&C	6300' - 7600'	Production	New

WITNESS

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOP equivalent to Diagram 1 will be nipped up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to 70% of internal yield pressure of casing. In addition to the high pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

- a) Upon installation
- b) After any component changes
- c) Fifteen days after a previous test
- d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip.

POINT 5: MUD PROGRAM

<u>DEPTH</u>	<u>MUD TYPE</u>	<u>WEIGHT</u>	<u>FV</u>	<u>PV</u>	<u>YP</u>	<u>FL</u>	<u>Ph</u>
0' - 350'	FW Spud Mud	8.5 - 9.2	70-38	NC	NC	NC	10.0
350' - 5600'	Brine Water	9.8 -10.2	28-30	NC	NC	NC	9.5-10.5
5600' - TD'	Brine Water/Diesel	8.8 - 9.0	32-40	8	2	<25 cc	9.5 - 10.0

**May increase vis for logging purposes only.*

POINT 6: TECHNICAL STAGES OF OPERATION**A) TESTING**

None anticipated.

B) LOGGING

GR-CNL-LDT-AIT from TD to base of Salt (+/- 3200').
GR-CNL-CAL from base of Salt to surface.

C) CONVENTIONAL CORING

None anticipated.

D) CEMENT

<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT³/SX</u>
SURFACE:						
Lead 0'-350' (100% excess circ to surface)	300	350	Prem Plus + 2% CaCl ₂ + 1/2# Flocele	6.33	14.8	1.35

PRODUCTION:

							Nitrogen	Compressive Strength
Base Slurry w/nitrogen 2900-7600' + (50% excess)	775	4700	Premium Plus + 2% Zone Sealant 2000	6.32	9.1-14.5	2.3-1.39	300/600 scf/bbl	1200

E) DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout Delaware section. A BHP of 3438 psi (max) or MWE of 8.7 ppg is expected. Lost circulation may exist in the Delaware Section from 3438-7227'. No H₂S is anticipated.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon approval

12 days drilling operations

14 days completion operations

WRD/cdg

February 1, 2005

DIAGRAM 1