

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

AUG 29 2007

2. Name of Operator
BEPCO, L.P.

OCD-ARTESIA

3a. Address
P.O. BOX 2760 MIDLAND TX 79702-27603b. Phone No. (include area code)
(432)683-2277

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

SECTION 10, T22S, R28E, NESE, 1980' FSL, 990' FEL

5. Lease Serial No.

NMLC069142

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No

BASS 10 FEDERAL #5

9. API Well No.

30-015-25303

10. Field and Pool, or Exploratory Area

INDIAN DRAW, E. (DELAWARE)

11. County or Parish, State

EDDY

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	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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.)

BEPCO, L. P. respectfully requests permission to Plug and Abandon the subject well as follows:

MIRU plugging Equipment and PU. POH w/90 jts 2-3/8" tubing.

1. RIH and tag TOC @ 2595' (CIPB @ 2630' w/35' cement on top). Circulate wellbore w/10 ppg salt gel mud.
2. Spot 35 sxs Class "C" neat cement from 1999 to 2336' (B/Salt).
3. Perf & Sqz. 50 sxs Class "C" neat cement from 228' to 433' (T/Salt, 8-5/8" csg. shoe) Tag.
4. Perf & Sqz. 35 sxs Class "C" neat cement from 0'-100' (Surface Plug).
Install dry hole marker.
BEPCO will use steel pits and haul fluids each day.

Accepted for record
NMOCD14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

ANN MOORE

Title PRODUCTION CLERK

Signature

Date 08/21/2007

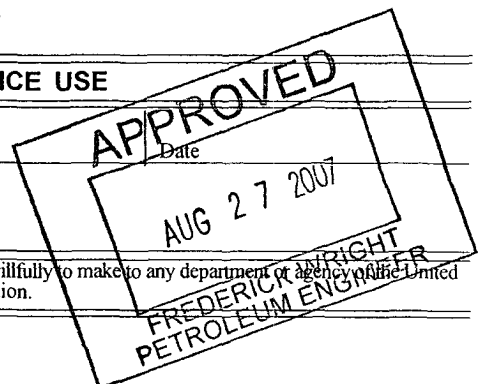
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office



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.

(Instructions on page 2)

LEASE: BASS 10 FEDERAL WELL #: 5
 FIELD: INDIAN DRAW E
 LOCATION: 1980' FSL & 990' FEL, SEC 10, T22S, R28E, UT 1
 COUNTY: EDDY ST: NM API: 30-015-25303

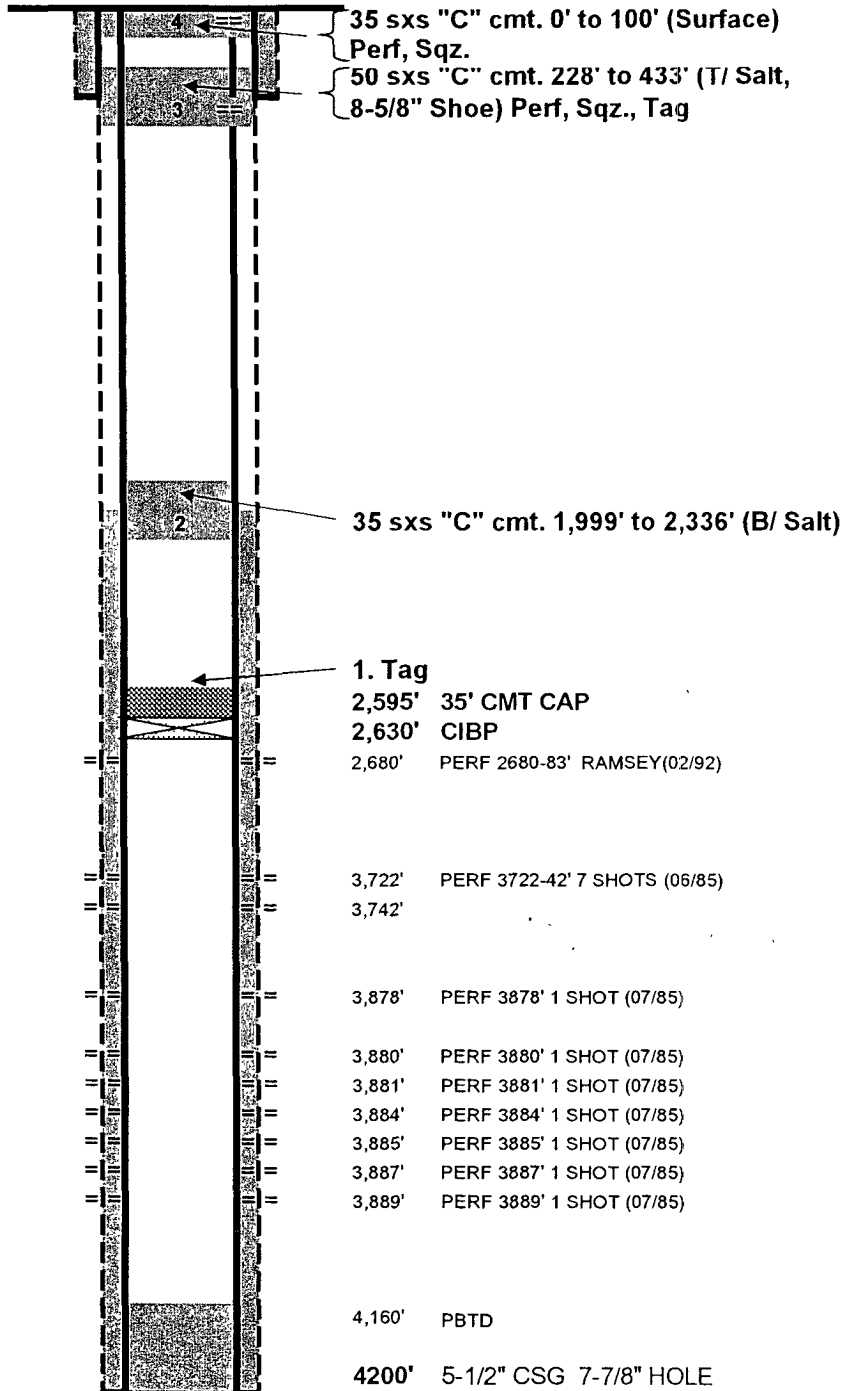
Plug and Abandon Diagram

KB:	3146'
GL:	3138'
SPUD DATE:	6/2/1985
COMP DATE:	8/12/1985

SURFACE CASING
 SIZE: 8-5/8"
 WT/GRD: 24 # K-55 K-55
 CSA: 383'
 SX: 300
 CIRC: Yes
 TOC: Surface
 HOLE SIZE: 12-1/4"

PRODUCTION CASING
 SIZE: 5-1/2"
 WT/GRD: 14 # K-55 K-55
 CSA: 4,200'
 SX: 410
 CIRC: No
 TOC: 2,200' Calc
 HOLE SIZE: 7-7/8"

Formations
 T/ Salt 328'
 B/ Salt 2,336'
 T/ Delaware 2,609'
 T/ 49'er 3,684'
 T/ Cherry Canyon 4,100'



Accepted for record
 NMOCD

PBTD: 2595'
 TD: 4200'

Updated: 8/21/2007
 Author: WHF
 Engr: CCC

LEASE: BASS 10 FEDERAL WELL #: 5 TA
 FIELD: INDIAN DRAW E
 LOCATION: 1980' FSL & 990' FEL, SEC 10, T22S, R28E, UT 1
 COUNTY: EDDY ST: NM API: 30-015-25303

Current Wellbore Diagram

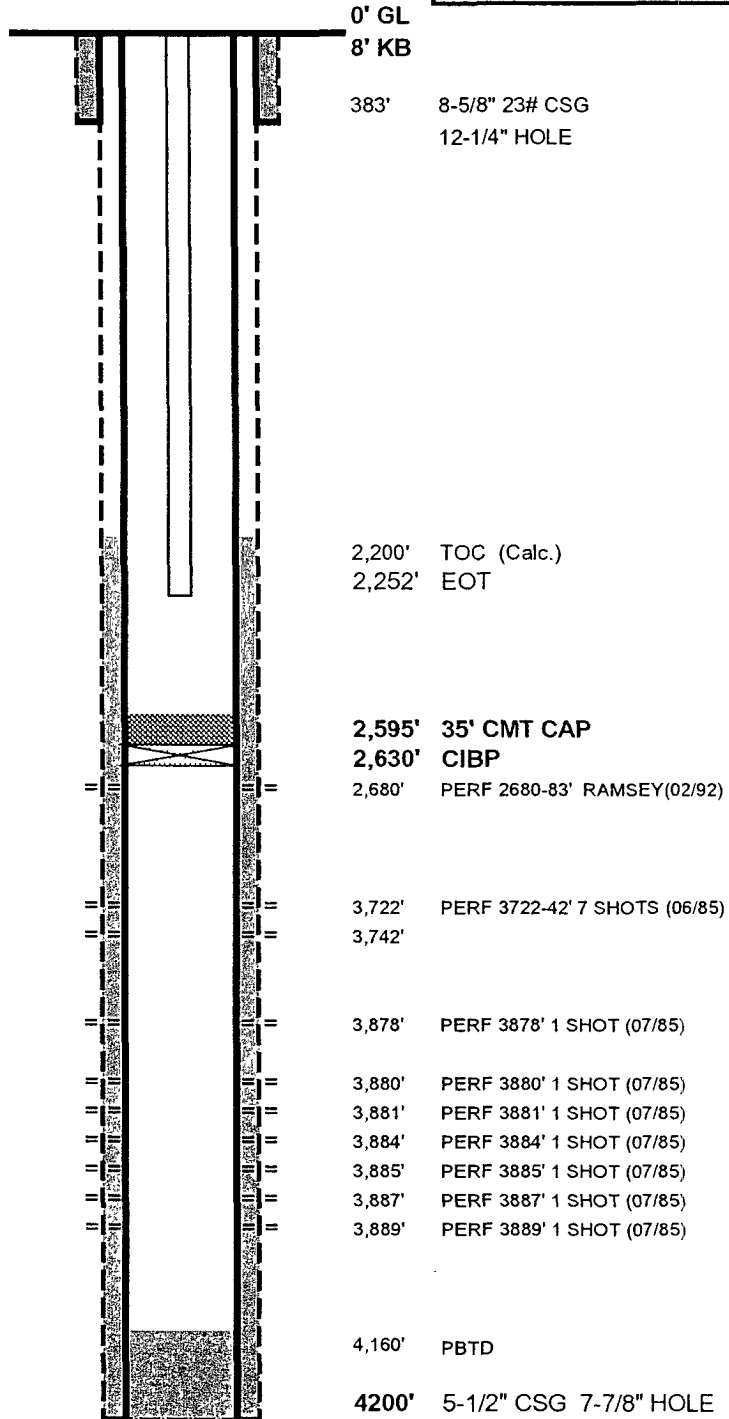
KB: 3146'
 GL: 3138'
 SPUD DATE: 6/2/1985
 COMP DATE: 8/12/1985

SURFACE CASING
 SIZE: 8 5/8
 WT/GRD: 24# K-55
 CSA: 383'
 SX: 300
 CIRC: Y
 TOC: 0
 HOLE SIZE: 12 1/4

PRODUCTION CASING
 SIZE: 5 1/2
 WT/GRD: 14# K-55
 CSA: 4,200'
 SX: 410
 CIRC: No
 TOC: 2,200' CALC
 HOLE SIZE: 7 7/8

TUBING
 (90 JTS) 2-3/8" 4 73 J-55 TBG
 EOT @ 2252'

PERFORATION DATA
 02/92 PERF 2680-83' A/ 5kg 50/50
 Xylene+15% HCL, 15% HCL+adds, 1kg 15%
 HCL+adds, F/1 5kg VIKING I30+ADDS+6k#
 20/40 OTTAWA SND
 06/85 PERF 3722-42' 1kg 15% HCL+ACCS &
 SPG BS. FRAC W/20kg 70 QULTY
 FOAM+31.5k# 20/40MESH SD.
 07/85 PERF 3878-89' 1kg 15% HCL+ADDS&
 SPG BS F/ 20kg METH/KCL+31 5k# 20/40
 MESH SD



Accepted for record
 NMOCD

PBTD: 2595'
 TD: 4200'

Updated: 6/29/2005
 Author: KRA
 Engr: MLL

WELL HISTORY
BASS "10" FEDERAL #5
INDIAN DRAW, EAST (DELAWARE) FIELD
 UPDATED 11/07/2006 (SND)

LOCATION: 1980' FSL & 990' FEL, SEC 10, T22S, R28E, UT 1
 EDDY COUNTY, NEW MEXICO

ELEV: GL: 3138' DF: 3145' KB: 3146'

SPUD DATE: 06/02/85

COMP DATE: 08/12/85

ORIG TD: 4200' **CURRENT TD:** 4200'

ORIG PBTD: 4160' **CURRENT PBTD:** 2595'

CASING:

DATE	SIZE	WT	GRD	CSA	SX	CLASS	TOC	HOLE SIZE	HOLE DEPTH
	8-5/8"	24#	K-55	383'	300		CIRC	12-1/4"	385'
	5-1/2"	14#	K-55	4200'	410		2200' (CALC)	7-7/8"	4200'

LINER:

DATE	SIZE	WT	GRD	CSA	SX	CLASS	TOC	HOLE SIZE	HOLE DEPTH
NONE									

OPEN HOLE:

DATE	HOLE SIZE	HOLE DEPTH
NONE		

DST:

#1-Attempted to straddle 3680-3790' Delaware - could not set packers.

#2-Failure

#3-Straddle 3670-3790' Delaware-TO f/20 mins, strong blow, losing 25 BPH in annulus. SI tools, blow died & annulus remained the same. TO f/180 mins, strong blow, decr to weak blow in 20 mins & blow died 1 hr into final flow. Annulus loss continued thru out test.

LOST RETURNS & SHOWS:

CORES: NONE

TUBING: SEE DATA SHEET

Accepted for record
NMOCD

LOGS:

DATE	LOG	COMPANY	DEPTH	LOGGERS TD	RF
06/08/85	DLL/DNL/LDT				
06/20/85	GR/CCL		2500-4160'		

INITIAL COMPLETION

06/19/1985-08/12/1985

Tag PBTD @ 4160'. Spot 2 bbls 10% acetic acid 3722-42'. Ran GR/CCL 2500-4160'.

06/20/1985 **PERF 3722-42' W/7 SHOTS. Acidize** 3722-42' w/1000 gls 15% HCL acid+adds & 1.1 spg ball sealers spaced evenly. Swab. Reset pkr @ 3642'. **Frac** 3722-42' w/20,000 gls 70 quality foam (N₂, 6,000 gls liquid containing 2400 gls K46 methanol & 3600 gls 2% KCL FW+add) & 31,500# 20/40 mesh sd. Flw & swb. RIH w/prod equip. **Spot** 2 bbls 10% acetic acid 3878-89'.

07/22/1985 **PERF 3878', 3880', 3881', 3884', 3885', 3887', 3889', 1 SPF.** Set pkr @ 3800'. **Acidize** 3878-89' w/1000 gls 15% HCL acid+add & 10-1.1 spg ball sealers evenly spaced. Swb. **Frac** 3878-89' w/20,000 gls (2400 gls K-46 methanol & 3600 gls KCL FW+add) & 31,500# 20/40 mesh sd. Flw & swb. RIH w/prod equip.
IP: 24H (P) 39 BO+110 BW+15 MCF.

WORKOVER SUMMARY:

01/1992 **RECOMPLETE TO RAMSEY SAND**
11/2004 **RETURN TO PRODUCTION**
03/2005 **TA WELL**

WORKOVERS:

RECOMPLETE TO RAMSEY SAND: 01/21/1992-03/31/1992

Set RBP @ 2758' w/3 sx 20/40 sd on top.

01/22/1992 **PERF 2680-83'.** POP. Test well until 2/17/92. POH w/prod equip. Set pkr @ 2700'. **Pump** 500 gls 50/50 mix of Xylene & 15% HCL. **Spot** 15% HCL+adds 2680-83'. Reset pkr @ 2660'. **Pump** 1000 gls 15% HCL acid+adds. Swab. Rls pkr. POP. Test well. Set pkr @ 2620'. **Frac** 2680-2683' w/1500 gls Viking I-30+adds & 6,000# 20/40 Ottawa sd. Swab. Rel pkr @ 2620'. POP. Tag sd @ 2687'. **AWO:** 24H (P) 21 BO+25 BW.

RETURN TO PRODUCTION: 11/11/2004-11/19/2004

FYI: According to DSS plot last production was November 2002

PU on rods. Slight jump but no vacuum. POH & LD (6) 3/4" rods w/ heavy paraffin.. Pump 3 BW (hot) dn tbg. Worked rods free. Pumped add'l 35 BW (hot) to break circ out csg. Heavy paraffin flowing out. Continue pumping until cleaned up. POH & LD 3/4" rods & 1-1/2" pump. Pump stuck open w/ paraffin. Pumped 15 BW dn tbg (10 bbls cap). Did not catch pressure. RIH w/ SL. Could not catch standing valve. POH w/ SL. POH w/ 2-3/8" tbg. Retrieved SV f/ SN. Tbg w/ heavy scale external & several suspected holes. RIH with 2-3/8" prod tbg. POH & LD 82 jts 2-3/8" J-55 prod tbg--poor condition. RIH w/ 2-3/8" x 5-1/2" Bkr Mdl "C" pkr & SN on 83 jts 2-3/8" tbg. Tag sand @ 2660' (20' abv perms). Drop 2" SV. Test 2-3/8" tbg 2000#--OK. RIH & fish SV. POH w/ tbg & pkr--1 jt tbg error on tally. Actually tagged sand @ 2692'. RIH w/ Baker 5-1/2" Mdl "C" RBP, rtrvg head, 5-1/2" Mdl "C-1" pkr & SN on 2-3/8" J-55 tbg. **Set RBP @ 2642'.** Set pkr @ 2640'. Test RBP 1500#--OK. Release pkr. Test annulus 1000#--OK. **POH & LD RBP.** RBIH w/ pkr on 2-3/8" tbg. Set pkr @ 2686'. Pump down annulus into perf 2680-83' @ 3/4" BPM & 100#. PUH & set pkr @ 2665'. Re-test annulus 1000#--OK. RIH w/ 4-3/4" blade bit & bit sub on 2-3/8" J-55 tbg & tag sand @ 2692'. Break reverse circ w/ 2% KCl FW. Wash sand 2692-2758' (RBP). Clean up to pit. POH & LD bit. RBIH w/ rtrvg head & release **RBP @ 2758'.** **POH & LD RBP.** RIH w/ 82 jts 2-3/8" J-55 prod tbg. POH & Scanolog original 82 jts 2-3/8" J-55 prod tbg. Found 36 good Yellow & Blue band jts (0-30% wall loss) & 46 junk jts (31%-100% wall loss). RH w/ TAC & SN on 124 jts 2-3/8" J-55 tbg. Set TAC @ 3950' w/ SN @ 3949'. RIH w/ exchg pump on original (104) 3/4" rods & (52) 3/4" rods. **Perfs 2680-83' (Ramsey), 3722-3889' (49'r Ridge)**

Accepted for record
NMOCD

TA WELL: 03/03/2005-03/04/2005

POH & LD (156) 3/4" WCN-90 rods, 1-1/2" RWBC HVR pump. POH & LD 43 jts 2-3/8" J-55 tbg. POH w/ remaining tbg & stood back. **Set CIBP @ 2630'**. POH. RBIH w/ 4" bailer & dump **35' CIs "H" cmt on CIBP**. POH. RIH w/ SN & 90 jts 2-3/8" J-55. EOT @ 2252'. Reverse circ 80 BFW pkr fluid. Test 5-1/2" csg 600#--OK. **WELL TA'D 3-4-05**

FAILURES:

09/17/1987 Rod part.
05/30/1988 Rod part.
08/15/1988 Chg out 2-3/8 tbg sub.
09/15/1988 Tbg leak.
04/25/1989 Rods unscrewed deep. Chg pump. Depth 3600', under torque.
09/13/1989 Chg PR & liner. Depth 0', overstressed.
09/16/1989 Gear box repair on pmpg unit.
09/28/1989 Remove Bethlehem 160-DH pmpg unit & install American 160 pmpg unit. 86" SL X 8 Spm. Depth 0, chg pmpg unit.
05/28/1991 Galled thrd 94th FS. Exchg pump. Depth 2350', under torque.
03/08/1997 **Pmp part @ top cage. Depth 2662', rod pump.**
01/06/2001 Exchg **pmp**. Depth 2662', worn out.
07/25/2001 Exchg **pmp**. Depth 2662', cracked traveling valve cage.
11/06/2001 **Tbg** lk btm jt above SN. Depth 2632', corrosion.
02/01/2002 **3/4" box** brk 39th 3/4" FS. Pmp chg. Depth 975', hndlg dmg.
03/26/2002 Top **pmp** cplg unscrewed. Exchg pmp. Depth 2662', looseness
07/15/2002 Found **pmp** stuck open w/ hole in pmp bbl, some paraffin. Exchg pmp. Tbg lk (hole) btm jt. Depth 2650', corrosion. **Perfs 2680-83' (Ramsey)**
11/19/2004 POP @ 7-3/4 SPM x 86" SL X 1-1/2" PS.
12/07/2004 24H: (P) 0 BO + 162 BW + 0 MCF. TP 50#, LP 30#, CP 30#, WO chk. Rplc 30 Hp motor w/ Size 3 Econo-Pac. POP @ 9.25 SPM X 86" SL X 1-1/2" PS.
12/15/2004 Install 1" larger sheave. In low torque mode Size 3 Econo-Pac unit actually slowed f/ 9-1/4 SPM to 9 SPM. Place Econo-Pac in high torque, low slip mode. New motion: 1-12" PS x 86" SL x 11 SPM.
12/27/2004 24H: (P) 0 BO + 196 BW + 0 MCF. TP 50#, LP 30#, CP 30#, WO chk. SI.
AWO: 0 BO + 196 BW + 0 MCF. BWO: 0 BO + 0 BW + 0 MCF. FYI: May use as SWD.

**Accepted for record
NMOCD**

PI/Dwights PLUS on CD Well Summary Report

General Information			
State	: NEW MEXICO	Final Status	: OIL
County	: EDDY	Drill Total Depth	: 4200
Field	: INDIAN DRAW EAST	Log Total Depth	:
Operator Name	: BASS PERRY R	True Vertical Depth	:
Lease Name	: BASS '10' FEDERAL		
Well Number	: 5	Spud Date	: JUN 02, 1985
API Number	: 30015253030000	Comp Date	: AUG 12, 1985
Regulatory API	:		
Init Lahee Class	: D	Hole Direction	: VERTICAL
Final Lahee Class	: DO	Reference Elevation	: 3147 KB
Permit Number	:	Ground Elevation	: 3138
Geologic Province	: PERMIAN BASIN	KB Elevation	: 3147
Formation at TD	: 453DLWR DELAWARE		
Oldest Age Pen	: 453 PERMIAN GUADALUPIAN		
Producing Formation	: 453DLWR DELAWARE		
Township	: 22 S	Section	: 10 SEC
Range	: 28 E	Spot	:
Base Meridian	: NEW MEXICO		

Additional Location Information			
Footage Location	: 1980 FSL 990 FEL CONGRESS SECTION		
Latitude	: 32.4056700	Latitude (Bot)	:
Longitude	: -104.0693200	Longitude (Bot)	:
Lat./Long. Source	: TS		
Location Narrative	: Type	Remark	
	: LOCATION	9 MI E CARLSBAD, NM	

Initial Potential Tests											
Test	Top Form	Base Form	Top Depth	Base Depth	Choke	GOR	Oil Grav	Prod Method	Test Method		
001	453DLWR	453DLWR	3722	3889				PERF	PUMPING		
IP Volume											
Test	Amount	Oil Unit	Desc	Amount	Cond Unit	Desc	Amount	Gas Unit	Desc	Amount	Wtr Unit
001	39	BPD								110	BBL
IP Pressure											
Test	FTP	SITP	FCP	SICP							
001											
IP Treatment											
Test	Top	Base	Volume	Meas	Amount	T/P	PSI	Inj	Type	Nbr	Agent
001	3722	3889	20000	GAL	31500	LB			FRAC		SAND
IP Perforation											
Test	Top	Base	Type	Method	Top Form	Base Form	Status	Count	Density	Per	
001	3722	3742		PERF	453DLWR	453DLWR	A				
001	3878	3889		PERF	453DLWR	453DLWR	A				

Casing Data			
Size	Base Depth	Cement	Unit
8 5/8 IN	383	300	SACK
5 1/2 IN	4200	410	SACK

Tubing Data		
Size	Base Depth	Mixed String
2 3/8 IN	3890	

**Accepted for record
NMOCD**

BASS 10 FEDERAL #5

03-03-05 **(Procedure to TA) Perfs 2680-83' (Ramsey) & 3722-3889' (Delaware)** MIRU Lucky WS (Lupe). POH with rods to ¾" body break on 57th rod FS. PU fishing tool. RIH with rods. Fished remaining rods. Unseated pump. POH laying down (156) ¾" WCN-90 sucker rods. LD pump #Y-6286 (2" x 1-1/2" x 16' RWBC HVR). ND WH. Release TAC. NU BOP. LD 43 jts of 2-3/8" J-55 tbg. POH with remaining tbg & stood back. Secure well & SD. Prep to set CIBP.

PULLING UNIT	\$ 3,190
CO SUPERVISION	400
BACKHOE	500
BOP	500
PIT	1,000
TAX	447
DAILY TOTAL	<u>6,037</u>
CUMULATIVE COST	\$ 6,037

03-04-05 **Perfs 2680-83' (Ramsey) & 3722-3889' (Delaware)** RU Black Warrior Wireline. Install pack-off. RIH with 5-1/2" CIBP and get on depth. Set CIBP @ 2630'. POH. RBIH with 4" bailer & dump 35' of Class "H" cmt on CIBP in 1 run. POH. RD BWWL. RIH with SN & 90 jts 2-3/8" J-55. ND BOP, NU WH. EOT @ 2252'. RU kill truck. Reverse circ 80 bbls FW pkr fluid. Test 5-1/2" csg to 600 psi for 30 mins, OK. Jim Amos with BLM in Carlsbad notified but did not witness. Chart will be forwarded to Midland Office. RD kill truck. RDPU. WELL TA'D 3-4-05. FINAL REPORT.

PULLING UNIT	\$ 2,220
CO SUPERVISION	400
BWWL	2,585
PKR FLUID	1,200
TAC	200
PUMP	500
MISC	200
TAX	390
DAILY TOTAL	<u>7,995</u>
CUMULATIVE COST	\$ 13,732

**Accepted for record
NMOCD**

