Form 3160-5
(April2004)

UNITEDSTATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
FEB 24 2009

FORMAPPROVED
OM B 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.*

5 Lease Serial No
NMLC069144A

6 If Indian, Allottee or Tribe Name

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

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

8 Well Name and No
BIG EDDY UNIT #133

2 Name of Operator
BOPCO, L.P.

9 API Well No
30-015-28043

3a. Address
P.O. Box 2760 Midland TX 79702

3b Phone No *(include area code)*
(432)683-2277

10 Field and Pool, or Exploratory Area
QUAHADA RIDGE (DELAWARE)

4 Location of Well (Footage, Sec , T , R , M., or Survey Description)
UL F, SEC 27, T21S, R29E, 1980' FNL, 1780' FWL

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 recomplete 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 recompletion 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)

BOPCO, L.P. respectfully requests permission to plug and abandon the subject wellbore as follows:
1. MIRU pulling unit and plugging equipment. Set open top steel pit for plugging. ND WH & NU 3,000 psi manual BOP for 2-3/8" tubing.
2 Test 2-7/8" x 5-1/2" annulus to check tubing integrity. Circulate w/ 9.5 ppg mud and pull tbg.
3. Spot 25 SX Class C 6700' - 6880'. Add plug 6077-5917 (OUT)
4. Spot 25 SX Class C 4070' - 4250'.
5. Spot 70 SX Class C 2900' - 3400' TAG.
6. RU Wireline and freepoint 5-1/2". Cut and pull same from +/- 1367'.
7 Spot 55 SX Class C 1285' - 1435' TAG.
8. Spot 40 SX Class C 600' - 700'. Tag (top of Salt.)
9. Spot 75 SX Class C 300' - 500' TAG.
10. Spot 40 SX Class C 0' - 100'.
11 Set P&A marker and remediate location
12. Use steel tank and haul all fluids.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14 I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Valerie Truax

Title Regulatory Admin Assistant

Signature Valerie Truax

Date 02/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved by _____ Title _____ Date FEB 21 2009

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

JAMES A. AMOS
SUPERVISOR EPS

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)

PROPOSED PLUG AND ABANDONMENT WELLBORE DIAGRAM

LEASE: BIG EDDY UNIT **WELL #:** 133 TA'D 8/04
FIELD: QUAHADA RIDGE (DELAWARE)
LOCATION: 1980' FNL & 1780' FWL SECTION 27F, T-21-S, R-29-E
COUNTY: EDDY **ST:** NM **API:** -015-28043

KB: 3478'
GL: 3464'
SPUD DATE: 9/1/1994
COMP DATE: 9/15/1994

SURFACE CASING

SIZE:	11-3/4"	
WT/GRD:	42#	H-40 STC
CSA:	400'	
SX:	300	
CIRC:	Y	
TOC:	SURF	
HOLE SIZE:	14-3/4"	0-400'

INTERMEDIATE CASING

SIZE:	8-5/8"	
WT/GRD:	32#	WC-50 LTC
CSA:	3091'	
SX:	870	
CIRC:	Y	
TOC:	SURF	
HOLE SIZE:	11"	400-3091'

PRODUCTION CASING

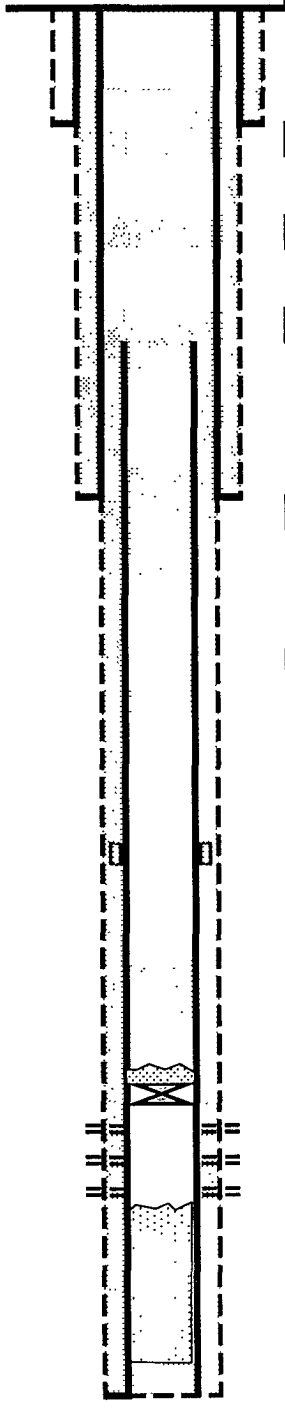
SIZE:	5-1/2"	
WT/GRD:	15.5#	K-55 LTC
CSA:	7150'	
SX:	1040	DVT @ 5997'
CIRC:	Y	
TOC:	1367'	CBL
HOLE SIZE:	7-7/8"	3091-7150'

TUBING

(226 JTS) 2-7/8" 6 5# WC-50 TBG
SN @ 6717'

PERFORATION DATA

(10/94) **PERF**



PLUG #7 40 SX Class C 0' - 100'
0' GL
14' KB
400' 11-3/4" 42# CSG 14-3/4" HOLE
PLUG #6 75 SX Class C 300' - 500' TAG
Rustler 350'
PLUG #5 40 SX Class C 600' - 700'
Salt Top 650'
PLUG #4 55 SX Class C 1285' - 1435' TAG
Cut & Pull casing @ 1367'
1367' TOC (CBL)
Salt Bottom 2950'
3091' 8-5/8" 32# CSG 11" HOLE
PLUG #3 70 SX Class C 2900' - 3400' TAG
3283' MRKR JT
Delaware 3334'
Ratty Cement 3364'-3520'
PLUG #2 25 SX Class C 4070' - 4250'
Indian Draw 4163'
5216' MRKR JT
5997' DV TOOL
6717' SN EOT
PLUG #1 25 SX Class C 6700' - 6880'
Lower Brushy Canyon 6789'
6915' PBTD 35' CMT CAP
6950' CIBP
6970' TOP PERF INTERVAL
PERF 6970-90' 4 JSPF, 80 HOLES
6990' BTM PERF INTERVAL
10/04/01 TAG PBTD @ 6993' FILL
7150' 5-1/2" 15 5# CSG 7-7/8" HOLE

PBTD: 7067'
TD: 7150'
LOGGERS TD: 7151'

Updated: 2/5/2009
Author: CCC/arc
Engr CCC

LEASE: BIG EDDY UNIT **WELL #:** 133 TA'D 8/04

FIELD: QUAHADA RIDGE (DELAWARE)

LOCATION: 1980' FNL & 1780' FWL SECTION 27F, T-21-S, R-29-E

COUNTY: EDDY **ST:** NM **API:** 30-015-28043

CURRENT

KB: 3478'
GL: 3464'
SPUD DATE: 9/1/1994
COMP DATE: 9/15/1994

SURFACE CASING

SIZE:	11-3/4"	
WT/GRD:	42#	H-40 STC
CSA:	400'	
SX:	300	
CIRC:	Y	
TOC:	SURF	
HOLE SIZE:	14-3/4"	0-400'

INTERMEDIATE CASING

SIZE.	8-5/8"	
WT/GRD:	32#	WC-50 LTC
CSA	3091'	
SX:	870	
CIRC:	Y	
TOC:	SURF	
HOLE SIZE.	11"	400-3091'

PRODUCTION CASING

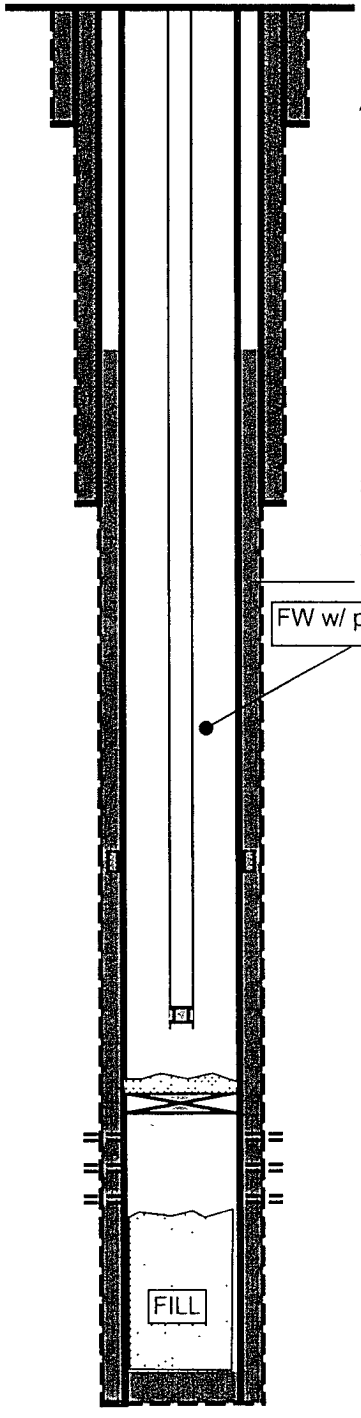
SIZE:	5-1/2"	
WT/GRD:	15.5#	K-55 LTC
CSA:	7150'	
SX.	1040	DVT @ 5997'
CIRC:	Y	
TOC:	1367'	CBL
HOLE SIZE:	7-7/8"	3091-7150'

TUBING

(226 JTS) 2-7/8" 6.5# WC-50 TBG
SN @ 6717'

PERFORATION DATA

(10/94) **PERF 6970'-90',** 4jspf, 80 holes F/65kg 30# XL+406k# 20/40 Ottawa+30k# 16/30 RC dn 2-7/8" GOING 1-10PPG @ 23BPM BELOW CIBP 08/04



0' GL
14' KB
400' 11-3/4" 42# CSG 14-3/4" HOLE
1367' TOC (CBL)
3091' 8-5/8" 32# CSG 11" HOLE
3283' MRKR JT
Ratty Cement 3364'-3520'
5216' MRKR JT
5997' DV TOOL
6717' SN
6915' PBTD 35' CMT CAP
6950' CIBP
6970' TOP PERF INTERVAL
PERF 6970-90' 4 JSPF, 80 HOLES
6990' BTM PERF INTERVAL
10/04/01 TAG PBTD @ 6993' FILL
7150' 5-1/2" 15.5# CSG 7-7/8" HOLE

PBTD: 7067'
TD: 7150'
LOGGERS TD: 7151'

Updated. 11/14/2006
Author: SND
Engr: CC

WELL HISTORY
BIG EDDY UNIT #133
QUAHADA RIDGE (DELAWARE) FIELD

LOCATION: 1980' FNL & 1780' FWL, SEC 27, T-21-S, R-29-E, UNIT F
EDDY COUNTY, NEW MEXICO

ELEV: **GL:** 3464' **DF:** 3477' **KB:** 3478'

SPUD DATE: 09/01/94
COMP DATE: 10/21/94

ORIG TD: 7150' **CURRENT TD:** 7150'
ORIG PBTD: 7067' **CURRENT PBTD:** 6915'

CASING:

DATE	SIZE	WT	GRD	CSA	SX	CLASS	TOC	HOLE SIZE	HOLE DEPTH
09/02/94	11-3/4"	42#	H-40	398'	300	C	CIRC	14-3/4"	400'
09/08/94	8-5/8"	32#	WC-50	3091'	750 120	PSL C C	CIRC	11"	3091'
09/17/94	5-1/2"	15.5#	K-55	7149'	225 815	H PSL C	5997' (DVT) 1367' (CBL)	7-7/8"	7150'

LINER:

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

OPEN HOLE:

DATE	HOLE SIZE	HOLE DEPTH
NONE		

TUBING: 2-7/8" 6.5# WC-50 SEE DATA SHEET

DST: NONE

CORES: NONE

LOST RETURNS & SHOWS:
LOST 50 BBLS DRLG FLUID SINCE SPUD @ 120'.
SHOWS:
3360-84' ROP: 1-1/2/1/2-1/3/4-1, GAS: 2/80/2-4, 20% DLL YLW FLU, TR-SLI CUT, C_1-20, C_2-19, C_3-18
3406-24' ROP: 1-1/4/1/2/1/2, GAS:2/70/2-4, 10-20% DLL YLW FLU, SLI - V/SLI TR CUT.
5302-39' ROP: 2/1/2/1 1/2, GAS: 25/410/40, 40% FRLY BRI YLW CUT, TR WET, GD DRY CUT.
6470-80' ROP: 1-1/2/3/4/1-1/2, 30% BRT YLW, TR YLW, GAS: 40/800/50, HEAVIES 360, 200, 100, 50.
6530-44' ROP: 3/1/2/2-1/2, 20% YLW, TR YLW, GAS: 55/800/30, HEAVIES 350, 200, 100, 50
6854-98' ROP: 3-1/2/1-1/4/3, 20-30% BRT YLW, TR-FR SOME STRMRS. GAS: 30/140/35
6924-44' ROP: 4-1/2/2/3-1/4, 20% DLL YLW-TR YLW, GAS: 60/270/80, C_1 - 160 - 85, 45, 12
6952-66' ROP: 3-1/2/2/4, 20-40% BRT YLW- TR YLW, GAS: 40/290/40

BIG EDDY UNIT #133
Well History

LOGS:

DATE	LOG	COMPANY	DEPTH	LOGGERS TD	RF
09/15/94	GR/PIL/SFL			7151'	
	GR/CNL/LDT				
10/05/94	CBL/CCL/GR		7060-1170'		

DRILLING NOTES:
SURFACE CASING: 14-3/4" HOLE, 11-3/4" CSA 398' W/ 200 SX CLASS "C" W/2% CACL2 + 1/4 PPS CELLO-SEAL, TAIL W/ 100 SX CLASS "C" W/2% CACL2. CIRC 23 SX. TOC SURFACE.
INTERMEDIATE CASING: 11" HOLE, 8-5/8" CSA 3091' W/ 750 SX PACESETTER LITE "C" + 6% GEL + 5% SALT + 1/4 PPS CELLO-SEAL. TAIL W/ 120 SX CLS "C" + 1% CACL2. CIRC 140 SX TO SURFACE.
PRODUCTION CASING: 7-7/8" HOLE, 5-1/2" CSA 7149' W/ 225 SX CLS "H" W/ 8PPS CSE + .5% CF2 + .3% THRIFTY LITE @ 14.04#/GAL. OPEN DVT & CIRC THRU DVT (CIRC 45 SX OFF DVT). 2ND STG CMT - 100 SX PACESETTER LITE "C" W/5% SALT + 6% GEL + 1/4 PPS CELLO-SEAL @ 12.5#/GL FOLLOWED BY 715 SX CLS "H" W/ 8 PPS CSE. + .5% CF2 + .3% THRIFTY LITE @ 14.04#/GL. **SHORT JTS**. @ 5216' & 3283' DVT @ 5996.71'. EST TOC @ 2050'

INITIAL COMPLETION

10/04/1994-10/22/1994
RIH w/ 4-3/4" bot pm 2-7/8" tbg. Tag fill on DVT @ 5940'. RU power swivel & break reverse circ w/ FW. Wash green cement from 5940' to DV Tool @ 6000'. Drill DVT. Clean to pit. POH & LD bit. RIH w/ 4-3/4" bit, csg scraper & SN on tbg. **Tag PBTD @ 7067'.** RU power swivel & reverse circ clean. Test csg & tbg. Circ 155 bbls 2% KCl FW into wellbore. POH & LD bit & scraper. Run CBL/CCL/GR 7060-1170'. TOC 1367'.

10/06/1994 **PERF 6970-90', 4 SPF & 90° PHSG (80 SHOTS) ALL SHOTS FIRED. Spot** 250 gls 7-1/2% HCL acid+adds. Pressure perfs dn tbg to 3500#. After ±7 mins perfs broke to 2000#. Sqz away spot acit @ 2.5 BPM w/ 1923# TP & 1560# CP. ISDP 1250#. **Acidize** w/ 2000 gls 7-1/2" HCL+adds & drop 120 7/8" 1.1 SG ball sealers evenly spaced. SD surge balls. Finish acid dsplcmt w/ 50 bbls 2% KCL FW @ 8.3 BPM, 2781# TP & 1521# CP. ISDP 1250#. **Frac** w/ 64,700 gls 30# XL gel & 405,500# 20/40 Ottawa sd & 30,000# 16/30 resin coated sd. Flush w/ 43 bbls base gel @ 17.2 BPM w/ 4623# TP & 1623# CP. Immediately begin flowback @ 1/4 BPM f/ 30 mins. Tag sd bridge @ 6537'. RU power swivel & break reverse circ w/ 2% KCL FW. Wash 6537-67' & fell free. Re-tag sand @ 6778'. Wash sand 6778' to PBTD @ 7067'. (Note: Lost only ±20 BW to formation.) POH & LD bit. RIH w/ 2-3/8" notched collar, 2-3/8" x 10' N-80 sub, 2-3/8" x 5-1/2" Otis MH-2 pkr, 2-3/8" x 2-7/8" XO, 2-7/8" x 2.250" SN & 227 jts 2-7/8" WC-50 tbg. Set pkr @ ±6808' w/ SN @ 6806'. Swab (several days). POH w/ tbg, recover swab tools & LD pkr. RIH w/ 30' MA, 4' perf sub, SN @ 6787', 4 jts 2-7/8" WC-50 tbg, TAC @ 6662' & 222 jts 2-7/8" WC-50 tbg. Swab (several days). RIH w/ 15' GA, pump, (124) 3/4", (73) 7/8" & (73) 1" sucker rods. Longstroke pump. No pump action. Exchg pump. (Note: Sand in mud anchor was 20/40 Ottawa sand) Set 640 pumping unit @ 10 x 1-1/2" x 144".

10/23/1994 Dn 12 hrs due to engine failure. Pumping unit out of balance. Balance pumping unit. Pump sanded up. Release TAC @ 6662', RIH & tag sand or sand bridge @ ±6823'. FOH w/ production equipment. RBIH w/ clean MA, perf sub, SN, 4 jts 2-7/8" tbg, TAC & 212 jts 2-7/8" WC-50 tbg. Set TAC @ 6361' & SN @ 6482'. RIH w/ 15' GA, exchg pump, (116) 3/4", (70) 7/8" & (71) 1" rods.

10/27/1994 16H (P) 2 BO + 6 BW + 34 MCF. Btry 99% complete.

12/09/1994 Reconditioned pump.

01/31/1995 24H (P) 17 BO + 239 BW + 45 MCFG. PIP - 779 psi. 100% FAP - 2090'.

WORKOVER SUMMARY:

BIG EDDY UNIT #133
Well History

05/96	**CLEAN OUT**
05/99	**SUMP PUMP**
10/01	**RAISE PUMP**
11/04	**TA WELL**

CLEAN OUT SAND FILL

05/14/1996-06/03/1996

Release TAC @ 6361' & RIH w/ 2-7/8" tbg to tag sand fill @ ±6921'. (Perfs 6970-90'. PBTD 7067') POH w/ 2-7/8" tbg & strip pump OOH. RBIH w/ 4-3/4" bit on 202 jts 2-7/8" tbg. With bit @ ±6167'. Break foam air circ & unload fluid f/ hole. FIH w/ bit on 2-7/8" tbg & tag fill @ 6921'. Break foam air circ & wash frac sand 6921- 7067' (PBTD). Clean up to tank. RD power swivel & foam air unit. POH w/ 2-7/8" tbg & LD bit. RBIH w/ mud jt, perf sub, SN, 4 jts 2-7/8" tbg, TAC & 222 jts 2-7/8" tbg. Set TAC @ 6665' & SN @ 6787' w/ EOT @ 6822'. RIH w/ exchg pump on 86 rod installation.

06/03/1996 **AWO:** 24H (P) 13 BO + 130 BW + VENT.

09/16/1996 3/4" **rod** bdy 118 FS. Depth 6600', handling damage.

12/03/1997 3/4" **pin** (thrds) 266 FS. Recond pump. Depth 6678'; over torque.

07/21/1998 **Pump** pull rod parted. RIH w/ 7 jts 2-7/8" prod tbg to tag TOF @ 7031' (36' entry since 5-17-96) & 41' below btm perf. LD excess tbg & POH w/ 2-7/8" tbg. LD pump & PU reconditioned TAC. RIH w/ tbg as before landing EOT @ 6822' (148' above top perf). Recond pump & RIH on rods as before, rplcg ttl (100) 3/4" & (50) 7/8" cplgs due to wear & installing HF rod guides on the top 1000' 3/4" & top 1000' 7/8" rods. Depth: 6786', gyp build-up.

SUMP PUMP

05/20/1999-05/21/1999

RIH to tag top of fill @ 6993' (3' below btm perf w/ 74' fill since 5-17-96). Tbg leak 1 FS (hole in btm half of jt). RIH w/ additional 4 jts 2-7/8" J-55 tbg to lower EOT to 6947' (46' above top of fill). RIH w/ recond 1-1/2" pump on rods as before, adding (4) 3/4" & (1) 1" WCN 90 rods. Depth 30', rod wear.

07/06/1999 Repaired saddle bearing, tail bearing, both wrist pins, 1 Pitman arm, walking beam & horses head. Rplc PR & liner. Depth 0', unit cratered.

08/19/1999 3/4" **bdy** brk 182 FS. Pmp chg. Depth 4550'; rod wear.

09/16/1999 3/4" rod unscrwd **(cplg)** 256 FS. Pmp chg. Depth 6400', looseness.

11/08/1999 3/4" rod unscrwd **(cplg)** 41 FS. Pmp chg. Depth 4750', looseness.

12/07/1999 3/4" **bdy** brk 264 FS. Exchg pmp. Depth 6600'; corrosion.

RAISE PUMP

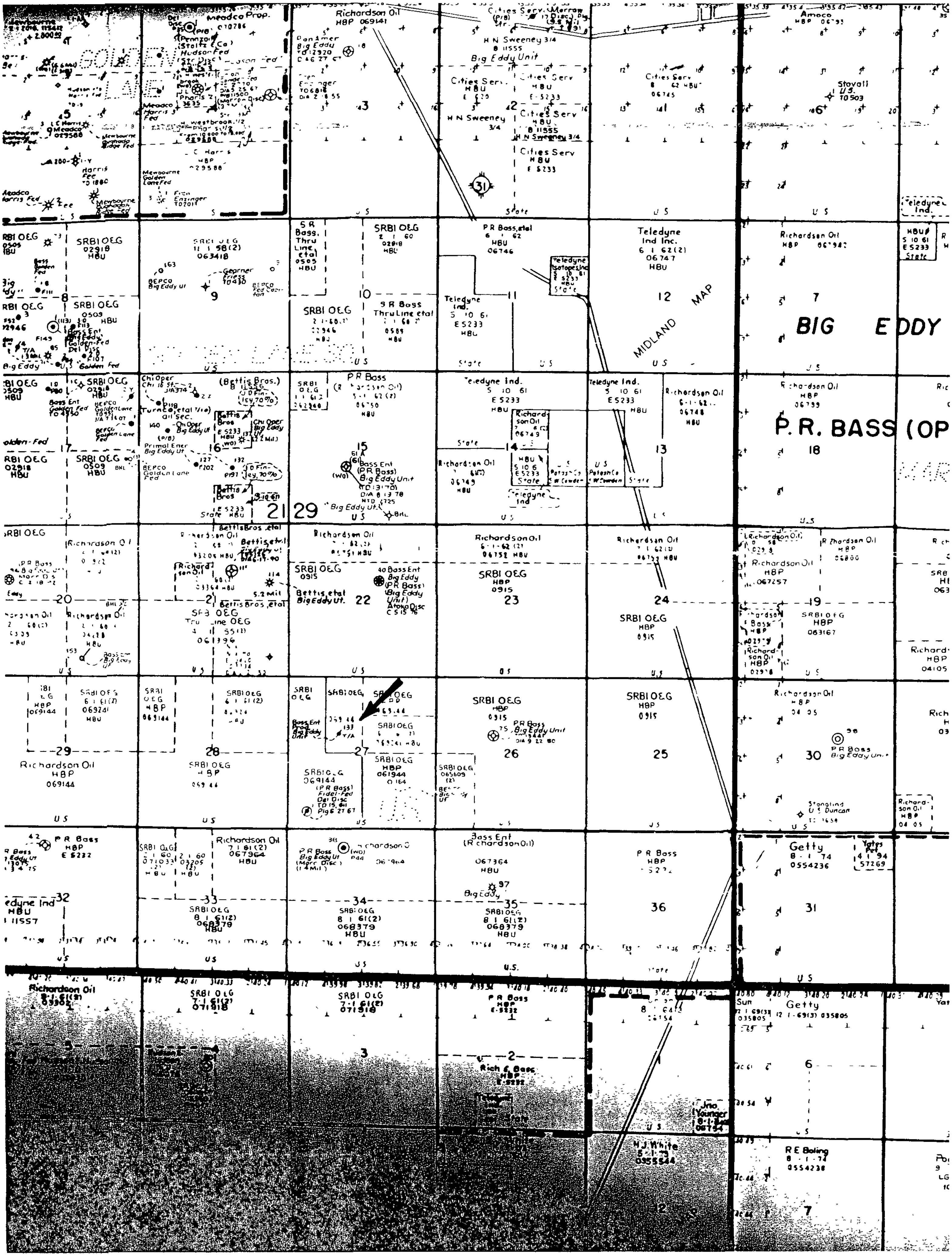
10/04/2001 PU 2 jts 2-7/8" J-55 tbg, tag fill @ 6993'. (3' below btm perf). LD 2 jts 2-7/8" J-55 tbg used to tag & LD 5 add'l jts 2-7/8" J-55 tbg to set SN @ 6755' (215' above top perf). TAC @ 6333' w/o success. POH w/ 2-7/8" WC-50 tbg. LD TAC (sheared). Clean out MA (wtr only). PU new 2-7/8" standard SN & exchg TAC & RBIH w/ 2-7/8" WC-50 tbg. PU recond 1-1/4" (3-tube) pump & RIH w/ rods as before. Depth 6912', frac sand. **Raised SN by 158'.**

TA WELL

07/29/2004-08/05/2004

POH w/ rods & pump. LD (74) 1" WCN-90 rods, (74) 7/8" WCN-90 rods & (120) ¾" WCN-90 rods. Rls TAC & POH w/ 2-7/8" WC-50 tbg. LD TAC & 2-7/8" perf sub. **Set CIBP @ 6950'** (20' above top perf). POH w/ WL. Dump bail Cls "C" **cmt (35') on CIBP. PBTD 6915'.** POH w/ WL. RIH w/ 2-7/8" standard SN & 226 jts WC-50 tbg. Reverse

	circ w/ 160 BFW w/ pkr fluid (146 bbls cap). Circ fluid dn flowline into 500 bbl tank @ btry. **WELL TA'D 8-2-04.** Send rods into Tuboscope for inspection.
08/05/04	Pressure test csg & CIBP 500#. Run 30 min MIT test chartering results--OK. **PERFS BELOW CIBP @ 6970-6990' (DELAWARE)**
02/01/2006	MIT – Casing. OK.



Meadco Prop.
Richardson Oil
HBP 069141
Big Eddy Unit
H N Sweeney 3/4
Cities Serv.
HBU
E 5233
Amoco
Stovall
U.S.
T0503
Teledyne Ind Inc.
6 1 62(2)
06747
HBU
Richardson Oil
SRBI O&G
0915
HBU
P R Bass
Teledyne Ind.
MIDLAND MAP
BIG EDDY
P.R. BASS (OP
Bettis Bros.
Bass Ent
(P R Bass)
Big Eddy Unit
Richardson Oil
HBP
069144
Getty
8 - 1 74
0554236
R E Boling
0554238
U S
State

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.