



PLAINS
PETROLEUM
OPERATING
COMPANY

DATE: 4-30-98

FAX TRANSMITTAL

PLAINS PETROLEUM OPERATING COMPANY
SOUTHERN DISTRICT OFFICE
415 W. WALL, SUITE 1000
MIDLAND, TX 79701

*CAPE FILE
11368*

PHONE 915/683-4434
TELEFAX NO. 915/683-1414

TO: Jorn Kellikin 505/982-2047

FROM: Bonnie Husband

If you have any trouble receiving telefax, please call _____

TOTAL NUMBER OF PAGES INCLUDING THIS FORM: 10

*Hill B#5 - 3 pages
Hill B#4 - 2 pages
Melba Goin - 4 pages*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
NM LC064118

6. If Indian, Allocated or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
E.C.HILL "B" FEDERAL #5

9. API Well No.
30-025-10944

10. Field and Pool, or Exploratory Area
S. TEAGUE ABO

11. County or Parish, State

LEA, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PLAINS PETROLEUM OPERATING COMPANY

3. Address and Telephone No.
415 W. Wall, Suite 1000 Midland, TX 79701 915/683-4434

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**Unit Letter B - 990' FNL & 1655' FEL
Sec. 34, T23S, R37E**

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 checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give azimuth/locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plains Petroleum requests temporary abandonment status for this well-bore. It is being studied/evaluated as a potential Paddock/Blinbery injection well in a future waterflood in these zones.

Casing integrity test was approved by Joe Lara 3-13-96.

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

Signed John D. Dwe Title Area Engineer Date 11-15-96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved by
Budget Bureau No. 1004-0135
Expires August 31, 1985

0. LEASE DESIGNATION AND SERIAL NO.
LC-064118

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Arch Petroleum Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 10 Desta Drive, Suite 420 East, Midland, Texas 79705		8. FIRM OR LEASE NAME E. C. Hill "R" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 990 FNL & 1655 FEL, Section 34, T23S, R37E		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND FOOT, OR WILDCAT Teague	
15. ELEVATIONS (Show whether of, to, or, etc.) 3276 DF		11. SEC., T., R., N., OR S.E., AND SUBST OR AREA Section 34, T23S, R37E	
		12. COUNTY OR PARISH Lea	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Plug back to ABO <input checked="" type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and assess pertinent to this work.)

- 9/15/89 - Squeezed existing perforations at 4912-5058' with 100 sx Class "C" cement containing .5% Halad 9 + 80 sx Class "C" with 2% CaCl. Squeezed to 1250#.
- 9/18/89 - Test casing to 500# for 15 minutes. Drilled cement from 3358 to 5100'. Drilled cement and CIBP at 5493-5508'. Cleaned out to 7163'. Tested casing.
- 9/20/89 - Ran Gamma Ray/CCL log 7158-5150'. Perforated ABO formation with 1 JSPF at 6617-27; 6637-43; 6644-47; 6660-65; 6668-75; 6677-81; 6682-6700; 6704-10 (72 holes).
- 9/21/89 - Acidized with 1500 gals of 15% NEFE HCl + 100 ball sealers.
- 9/26/89 - Hook up to Tank Battery. Kick off flowing.

RECEIVED
 OCT 5 11 02 AM '89
 CARLSBAD AREA OFFICE

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

SIGNED David Mills TITLE Operations Manager DATE 10/04/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 10/11/89
 CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED FOR RECORD

DATE 10/6/89

OCT 11 1989

OCT 6 1989

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved. P. 4
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
LC-064118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME
E. C. Hill "R" Federal

9. WELL NO.
5

10. FIELD AND POOL, OR WILDCAT
Undesignated Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 34, T23S, R37E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND HOORH 1989

1. TYPE OF WELL: OIL WELL GAS WELL OBT Other

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK REPER. Other
CARLSBAD AREA

3. NAME OF OPERATOR
Arch Petroleum Inc.

4. ADDRESS OF OPERATOR
10 Desta Drive, Suite 420 East, Midland, Texas 79705

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 990 FNL & 1655 FEL, Section 34, T23S, R37E

6. At top prod. interval reported below
7. At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPURRED 10/10/52 16. DATE T.D. REACHED 1/15/53 17. DATE COMPL. (Ready to prod.) Current - 9/25/89 18. ELEVATIONS (OF. HKS, RT. GR, ETC.)* 3276 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9737 21. PLUG, BACK T.D., MD & TVD 7163 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS UNILLED BY ROTARY TOOLS 0-9737 24. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6617-6710, ABO, (72 holes)

25. TYPE ELECTRIC AND OTHER LOGS RUN 26. WAS DIRECTIONAL SURVEY MADE 27. WAS WELL CORRED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	PERMITTING RECORD	AMOUNT PULLED
13 3/8	48 & 54.5	322	17 1/2	300 SX - Circulated	0
7 5/8	26.4	2918	8 1/4	850 SX	0
5 1/2	15.5 & 17.0	9582	6 3/4	500 SX	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6518	6518

31. PERFORATION RECORD (Interval, size and number)
6617-6710 (72 - 0.4" dia. holes)
ABO formation

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4912-5058	180 sx Class "C"
6617-6710	1500 gals 15% NEVE HCl + 100 B.S.

33. PRODUCTION
DATE FIRST PRODUCTION 9/22/89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or abandoned) Producing

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/25/89	24	22/64	→	12.5	90	104.3	7200:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
50	0	→	12.5	90	104.3	36

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS
ACCEPTED FOR RECORD
OCT 11 1989

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Operations Manager DATE OCT 16 1989

*(See Instructions and Spaces for Additional Data on Reverse Side)
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 to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See instructions on reverse side)

3. LEASE DESIGNATION AND SERIAL NO. LC-064118

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME E. C. Hill B Federal

9. WELL NO. 4

10. FIELD AND SEAL OR WILDCAT Teague Blinebry

11. SEC., T., R. M., OR BLOCK AND SURVEY ON AREA Sec 34 T23S R37E

12. COUNTY OR PARISH Lea 13. STATE NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION: NEW WELL WIRE LINE DRILL IN PLUG BACK DIFF. REMOV. OTHER

2. NAME OF OPERATOR Plains Petroleum Operating Company

3. ADDRESS OF OPERATOR 415 W. Wall, Suite 1000, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface Unit G, 1980' FNL & 1989' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 12/22/91 18. ELEVATIONS (OF. HGS. BY, OR, ETC.)* 3280' DF 19. SLEV. Casinghead

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY? 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5118' - 5251', Paddock
25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL-CBL
27. WAS WELL CORRECTION MADE

ACCEPTED FOR RECORD
Ad. JUL 5 1992

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNTS FULLED
13" & 13-3/8"	45-48	329	CARLSBAE	300 sx - Circ Surf
9-5/8"	36	2917	12"	1500 sx
7"	23,26,29	9510		650 sx

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	TAPERS SET (MD)
					2-7/8	5272'	4987' TAC

31. PERFORATION RECORD (Interval, size and number) 5118' - 5251' (48 holes)

DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE CEMENT SQUEEZER, ETC.	AMOUNT AND KIND OF MATERIAL USED
5118 - 5190		5000 gals 20% XL NEPE HCl Acid
5201 - 5251		500 gals 15% NEPE HCl Acid
		+ 15,000 gals 20% XL NEPE HCl Acid

32. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12-9-91	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-13-91	24			24	91	72	
FLOW, SURFACE PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Theresa A. Theobald TITLE Petroleum Engineer DATE 6/18/92

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

(November 1985) (Formerly 9-331)

96 05-22 PLAINS - MIDLAND

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on verso side)

Expires August 31, 1985

3. LEASE REGISTRATION AND SERIAL NO.

LC-064118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT ASSIGNMENT NAME

8. FARM OR LEASE NAME

E. C. Hill B Federal

9. WELL NO.

4

10. FROTH AND FOAM, OR WINDCAP

Teague Blinbery

11. SEC. T. R. M., OR BLM AND COUNTY OR AREA

Sec 34 T23S R37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, SF, OR, etc.)

3280' DF

12. COUNTY OR PARISH

Lea

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

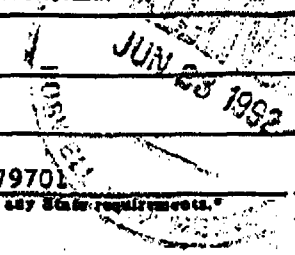
Plains Petroleum Operating Company

3. ADDRESS OF OPERATOR

415 W. Wall, Suite 1000, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

Unit G, 1980' FNL & 1989' FEL



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 12-5-91 Set RBP at 5190', Set packer at 4943'.
Acid Frac w/5000 gals 20% XL HCl acid. Drop 30 BS.
Dump 500 gals NEFE HCl acid, 10,000 gals 20% XL HCl acid.
ATP-2000 psi, air-10BPM.
- 12-6-91 Flow to test tank, 10 BO, 64 BW, 4 MCF in 13 hours.
- 12-7-91 Unseat packer & RBP. Pull out of hole with tubing. Run in hole w/BPMA, 4' P.S., SN, 8 joints - 2-7/8" tubing, TAC, 162 joints 2-7/8" tubing. EST 5272', SN 5236', TAC 4987'. Run in hole with pump & rods. Return well to pumping.
- 12-13-91 Pumped 24 BO, 72 BW, 91 MCF in 24 hours.

ACCEPTED FOR RECORD

JUL 9 1992

CARLSBAD, NEW MEXICO

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

SIGNED

Mark A. Fisher

TITLE

Petroleum Engineer

DATE

6/18/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

*See Instructions on Reverse Side

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.

OIL CONSERVATION DIVISION

P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form O-103
Revised 10-1

NO. OF COPIES RECEIVED	
DISTRICT/SECTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1. Indicate Type of Lease
 Lease Fee
 2. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPAIR OR PLUG BACK TO A DIFFERENT RECEIVING, USE APPLICATION FOR PERMIT WITH FORM O-101 FOR SUCH PROPOSALS.

3. Name of Operator OIL WELL GAS WELL OTHER

4. Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Co.

5. Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240

6. Location of Well
 UNIT LETTER P 330 FEET FROM THE South LINE AND 990 FEET FROM
 THE East LINE, SECTION 27 TOWNSHIP 23S RANGE 37E NMPM.

7. Unit Agreement Name

8. Form or Lease Name
Melba Gains

9. Well No.
1

10. Field and Pool, or Wildcat
Langlie Mattix 7 B

11. Elevation (Show whether DP, RT, GL, etc.)
3272' RKB

12. County
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING
 TEMPORARILY ABANDON CHANGE PLANS COMMENCED DRILLING OPER. PLUG AND ABANDONMENT
 PULL OR ALTER CASING OTHER CASING TEST AND CEMENT JOBS OTHER Reenter, perf, treat & comp

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1105.

Rigged up on 8-18-80, removed dry hole marker. Installed 8-5/8" slip-on wellhead. Installed BOP. Drd out 10' surf cmt plug. Drd cmt plug 20'-100'. Drd cmt plug 338'-555' top of 5-1/2" csg stub. Drd cmt inside 5-1/2" csg to 740'. Ran bit to 5225'. Ran Vertilog, CBL & GR log. Set EZ drill BP @ 3650'. Set pkr @ 3240', press up 5-1/2" csg, pmpd in ARO 4 BPM w/450#. POH w/pkr. Perf'd 4 holes 3580-3582'. Set cmt retr @ 3550'. Squeeze cmt'd w/300 sx. Cl C cmt. WOC. RIH w/pkr, set @ 3219' pmpd in w/200# @ 3 BPM, POH. RIH w/cmt retr, set @ 3217'. Pmpd 120 sx Cl C cmt w/2% CaCl. Ran temp survey, indicated TOC inside 5-1/2" csg @ 2970' & outside @ 2800'. Run bit, found TOC inside 5-1/2" @ 3006'. RIH w/RTTS pkr, set @ 2785', pmpd 1 BPM @ 1300#. POH w/pkr. Set retr @ 2783'. Squeezed w/100 sx Cl C cmt w/3% Halad-4. WOC. Set pkr @ 623'. Press up 5-1/2" csg to 1500# for 30 mins. OK. Drd out cmt & cmt retr @ 2783', ran bit, drill cmt stringers to 3217'. Drd cmt retr @ 3217' & cmt to 3530 PBTD. Set pkr @ 615', pressure test csg to 1500# OK. Test tbg/csg annulus to 1500#, leaked to 750# in 8 mins. Ran CBL/VDL log from 3492-530. Good bond 1000'-870', free pipe 870-648', bonded 648-563' top of 5-1/2" stub. Perf'd 1 JSPP @ 3382, 95, 3400, 03, 13, 19, 23, 26, 43, 66'. RIH w/Lok-set pkr, set @ 3341'. Loaded csg/tbg annulus, press up to 500#, treated perfs, down tbg w/2500 gals 15% HCL-NE acid flushed w/KCL wtr. Avg press 1233#. Csg/tbg annulus held @ 500# throughout acid job OK. Swbd back & rec 24 bbls load. Swbd tra of oil. Treated perfs 3382-3966' w/10,000 gals gelled 3% KCL wtr, 10,000 gals CO2 w/39,000 sd. Avg press 3100#. Swbd & flwd back load. Swbd 10 hrs, rec 38 BO, 23 BLW, gas not meas. Kicked off flwg. 110# SITP. On 24 hr test 9-30-80 flwd 16 BO, 4 BW & 68 MCFG. COR 5313:1

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

George V. Parks TITLE Dist. Prod & Orig Supt. DATE 10/16/80
 Orig. Signed by
Jerry Sexton
 APPROVED BY: _____ TITLE _____ DATE OCT 17 1980

NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-4-85

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

2. Type of Well
 DRILL Re-enter DEEPEN PLUG BACK
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. Name of Operator **ARCO Oil and Gas Company**
 Division of Atlantic Richfield Company

4. Address of Operator
Box 1710, Hobbs, New Mexico 88240

5. Location of Well
 UNIT LETTER **P** LOCATED **330** FEET FROM THE **South** LINE
 AND **990** FEET FROM THE **East** LINE OF SEC. **27** TWP. **23S** RGE. **37E** NMPM

6. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Name of Lease Name
Melba Goins

9. Well No.
1

10. Field and Pool, or Wildcat
Langlie Mattix

11. Elevation (Show whether DP, RT, etc.)
3272' RKB

12. County
Lea

13. Original TD
9825'

14. Formation
7Rivers Queen

15. Kind & Status Plug, Seal
GCA #8

16. Drilling Contractor
Not selected

17. Return of C.F.
Workover Rig

18. Approx. Date Work will start
3/10/80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8" OD		306'	325	Circ to sur.
11"	8-5/8" OD		2900'	2000	Circ to sur.
7-3/8"	5 1/2" OD	14#, 17#	9736'	410	6212'

Propose to re-enter a previously P&A well and perforate and treat the Langlie Mattix Queen producing capabilities in the following manner:

1. Rig up, remove dry hole marker & install wellhead.
2. Drill out cmt plugs 16'-51' and 524'-604'. Run bit inside 5 1/2" csg to approx 3500'.
3. Run CBL & Vertilog approx 3500' to surf.
4. Mill over 5 1/2" csg stub @ 559', dress 5 1/2" stub for csg bowl. Run csg bowl & 5 1/2" OD csg to surf.
5. Perforate @ 3500' w/4 JS. Circ cmt thru perfs to surf w/C1 C cmt w/2% CaCl. Volume to determined by pump in rate. WOC.
6. Drill out cmt & press test squeeze job & csg bowl to 1500# for 30 mins.
7. Perf Queen Gas zone w/1 JSPF @ 3382, 95, 3400, 03, 13, 19, 23, 26, 43, 66'.
8. RIH w/pkr on 2-7/8" tbg, set pkr @ 3340'.
9. Treat perfs w/2500 gals 15% HCL acid & frac w/10,000 gals gelled 3% KCL wtr & 10,000 gals CO2 w/39,000# sd. Swab test & clean up. POH w/pkr.
10. RIH w/compl assy, put on production. Blowout preventer program attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK. GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Dist. Dir. Supt. Date 3/13/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE MAR 19 1980

CONDITIONS OF APPROVAL, IF ANY:

NAME OF COMPANY	
DATE	
WELL NO.	
UNIT LETTER	
SECTION	
TOWNSHIP	
RANGE	
POOL	
PERFORATED INTERVAL	
OPEN HOLE INTERVAL	

MISCELLANEOUS REPORTS ON WELLS
 (Submit to appropriate District Office as per Commission Rule 1104)

Name of Company: **The Atlantic Refining Company** Address: **P.O. Box 1976, Roswell, New Mexico**

Lesse: **Melba Coins** Well No.: **1** Unit Letter: **P** Section: **27** Township: **23-S** Range: **37-E**

Date Work Performed: **4/17 to 4/25/63** Pool: **Tongue-Devonian** County: **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations Casing Test and Cement Job Other (Explain):
- Plugging Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

This well was P & A in the following manner:

- 25 sk neat cement plug spotted from 9257-9447'
- 5 1/2" casing loaded w/9.0#/gal salt gel mud.
- 5 1/2" casing shot & pulled from 559' RB.
- 15 sk neat cement plug from 524-604'.
- 10 sack neat cement plug in top of 8-5/8" from 16'-51'.
- Erected dry hole marker.

Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company.

The intermediate and surface casing strings were left intact.

Witnessed by: **T. E. Sheets** Position: **Drilling Engineer** Company: **The Atlantic Refining Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	TD	PBTD	Producing Interval	Completion Date
3272	9825	7300	Devonian	3-23-52
tubing Diameter	tubing Depth	Oil Casing Diameter	Oil Casing Depth	
2 1/2"	7212	5 1/2"	9736.24'	
Perforated Interval(s)	7230-7250			
Open Hole Interval	None			
Producing Formation(s)	Devonian			

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and correct to the best of my knowledge.

Approved by: **Lester A. Clement** Name: **L. D. Litcher**

Title: **Drilling Supervisor** Position: **District Drilling Supervisor**

Date: **4/25/63** Company: **The Atlantic Refining Company**

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DATE OFFICE	
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OPERATION OFFICE	
APPROVED	

NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

FEB 25 AM 10:15

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the engineer who will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LOGS	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (NITRO)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO

Roswell, New Mexico
 (Place)

February 25, 1963
 (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company"

The Atlantic Refining Company Malba Gains Well No. 1 in P
 (Company or Operator) (Locality) (County)
 SE 4 SE 27 T. 23-S R. 17-E N.M.P.M., Tragus Pool
 (40-acre Subdivision)
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
 (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

This well is presently completed in McKee zone parts from 9309'-9420'. The McKee zone was non-commercial and no allowable was obtained for it. We propose to plug and abandon this well in the following manner:

1. 25 sk. cement plug from 9440'-9250'.
2. Shoot off and pull 5 1/2" casing from approximately 4800'.
3. 25 sk. cement plug - 1/2 in and 1/2 out of 5 1/2" stub.
4. 25 sk. cement plug from 3430'-3350' (Queens).
5. 30 sk from 2945'-2860' (bottom of 8-5/8" intermediate casing @ 2899.96').
6. 10 sk. cement plug in top of 8-5/8" casing.

Intermediate and surface casing strings will remain intact. Mud will be used to spot cement plugs.

Verbal by J. D. R.
 FEB 26 1963

Approved _____, 19____
 Except as follows:

The Atlantic Refining Company

By [Signature]

Position District Drilling Supervisor
 Send Communications regarding well to:

Approved _____
 OIL CONSERVATION COMMISSION

Name The Atlantic Refining Company
 Address P.O. Box 1976, Roswell, New Mexico