

New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
 (August 1999)

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.	NMLCO 032579A
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	
8. Well Name and No.	Harrison Well No. 1
9. API Well No.	30-025-11702
10. Field and Pool, or Exploratory Area	Langlie Mattix, 7 Rvrs, Queen
11. County or Parish, State	Lea, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Permian Resources, Inc.	
3a. Address P.O. Box 590, Midland, Texas 79702	3b. Phone No. (include area code) 915/685-0113
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FSL & 330' FWL, Unit M, SW/4 SW/4 Sec.23, T25S, R37E	

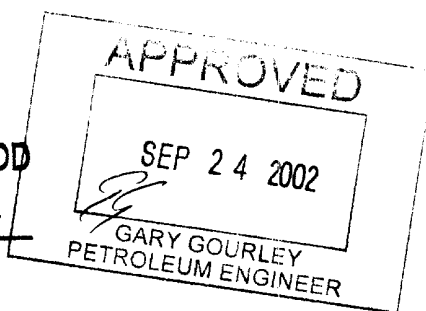
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleate 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 recompleation 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.)

Permian Resources, Inc. respectfully submits the following Plugging Procdedure on the Harrison Well No. 1.

APPROVED FOR 3 MONTH PERIOD
 ENDING 12-24-02



RECEIVED
 SEP 16 PM 2 11
 FIELD OFFICE

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Barbara Watson	Title Regulatory Compliance
Signature <i>Barbara Watson</i>	Date September 10, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

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.

GWW

Permian Resources, Inc

Harrison No. 1

Langlie Mattix (Queen) Pool
Fed Lease No. NMLCO32579A
API No. 30-025-11702

Surface Location

330' FSL & 330' FWL (Unit M)
Section 23, T25S, R37E
Lea County, New Mexico

DF 3047'
GL

Spud Date 2/2/38 Completion Date 3/3/38
Originally permitted and drilled by Anderson-Prichard Oil Corp.

Existing Wellbore Conditions

12-1/4" hole (assumed) @ 1208'	9-5/8"	36 #/ft casing @ 1196'	Cmt'd w/ 500 sx. common TOC @ surface circulated.
8-3/4" hole (assumed) @ 3243'	7"	22 #/ft casing @ 3240'	Cmt'd w/ 400 sx. total 250 sx common 1" stage around shoe. Calculated TOC @ 2150' (used 8-3/4" cable tool hole x 7" pipe annulus w/ cement yield = 1.32 cf/sx) 150 sx. + 3% salt thru stage tool @ 1275'. Calculated TOC @ 80' (used 8-3/4" cable tool hole & 9- 5/8" surface casing x 7" pipe annulus w/ cement yield = 1.32 cf/sx)
6-1/4" hole (assumed) @ 3347'		Open hole completion	

Completion		
3/3/38	Open hole 3240' - 3347'	
	Shot 3295' - 3339' w/ 120 qts nitro	
4/23/38	Perforated 3213' - 3235' w/ 90 holes	
	Shot 3268' - 3319' w/ 160 qts nitro	
8/2/61	C/O fill to 3310. SOF OH 3295' - 3339' &	
	Perfs 3213' - 3235' w/ 20,000 gal RO	
	carrying 30,000# 20/40 sand	
11/61	POP	
2/27/87	SI by Union Texas - "uneconomical to produce"	
11/4/87	Change operator to American Exploration Co. from Union Texas, effective 2/1/87	

Permian Resources, Inc.
Harrison No. 1
Proposed Plugging Procedure
10 September 2002 – Page 2

8/6/90	Change operator to Penroc Oil Corp from Pronto Petroleum
6/22/91	Penroc Oil Corp. filed Sundry Notice to P&A.
6/15/95	Change operator to Permian Resources, Inc. from Penroc Oil Corp., effective 6/1/95

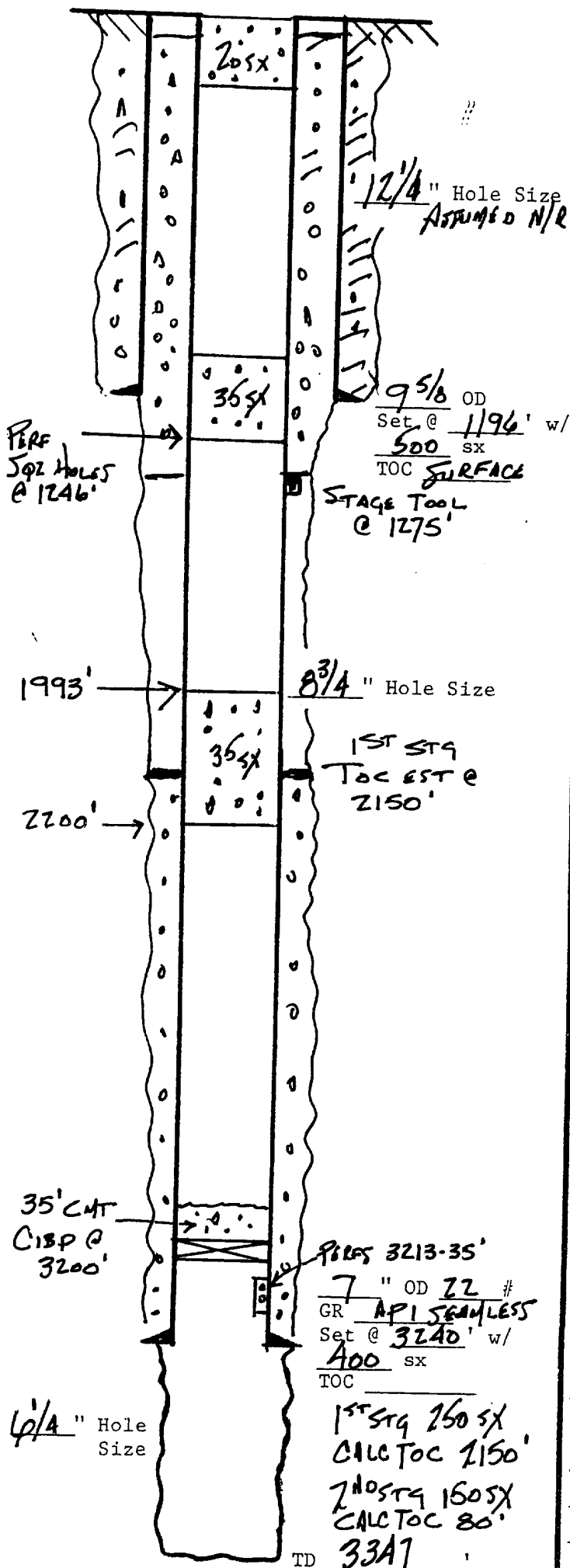
Proposed Plugging Procedure

9/10/02

- 1 MIRU. Well records are limited. Determine if rods and or tubing are in wellbore. If rods and tubing are in wellbore POOH w/ rods laying down rods. If tubing in hole, POOH w/ tbg and stand in derrick.
- 2 NDWH & dig out to surface csg valves. RU wireline and make gauge ring run to $\pm 3200'$. RIH w/ CIBP and set @ 3200' (note 7" 22#/ft casing is not API). Make 2 bailer runs and dump 35' (6.5 sx cmt) on top of CIBP. RD wireline.
- 3 PU & RIH 2-3/8" workstring to top of cmt on CIBP ($\pm 3165'$). RU cementer and circulate hole w/ 9.5 ppg mud laden fluid.
- 4 PUH w/ tbg to 2200' laying down balance (50' below estimated 1st stage TOC behind 9-5/8" csg). **Mix & spot 35 sx plug from 2200' to 1993' (207' of cmt in 7", 22/ft csg).** POOH w/ tbg racking 1250' in derrick and laying down balance.
- 5 RU wireline co and RIH w/ strip charge and shot 2 squeeze holes @ 1246'. RD wireline.
- 6 RIH w/ tbg to 1246' (50' below 9-5/8" surface csg shoe). **Mix & spot 35 sx plug from 1246' to 1039' (207' in 7" csg below 9-5/8" surface csg shoe).** PUH w/ tbg to $\pm 900'$ & NUWH. Attempt to squeeze cement into perfs @ 1246'. Sqz & hold 500 psi.
- 7 PUH w/ tbg to $\pm 100'$. **Mix & spot 20 sx plug from 100' to surface inside 9-5/8" surface csg.** POOH w/ tbg and lay down.
- 8 RD WSU & cementer. Clean location & pits. Weld on P&A marker. File final BLM Form 3160 P&A report.

RECEIVED
7-20-02
JGT

Proposed PFA



COMPANY PERMIAN RESOURCES INC

WELL HARRISON #1

FIELD LANGUE MATTIX (QUEEN)

LOCATION 330' FSL + 330' FWL (M)

SECTION 23, T25S, R37E

COUNTY LEA

STATE NM

ELEVATIONS:

KB

DF

GL

3047

COMPLETION RECORD

SPUD DATE 2/3/38

COMP. DATE 3/3/38

TD 3347

PBTD 3347

CASING RECORD

9 5/8" 36 #/FT @ 1196' CMTD W/ 500 SX
7" 22 #/FT @ 3240' CMTD W/ 400 SX

PERFORATING RECORD

OH 3240-3347
PERFS 3213-3235'

STIMULATION

OH 3240-3347 120 qts Nitro
PERF 3268-3235' 160 qts Nitro

IP

GOR

GR

TP

CP

CHOKE

TUBING

@

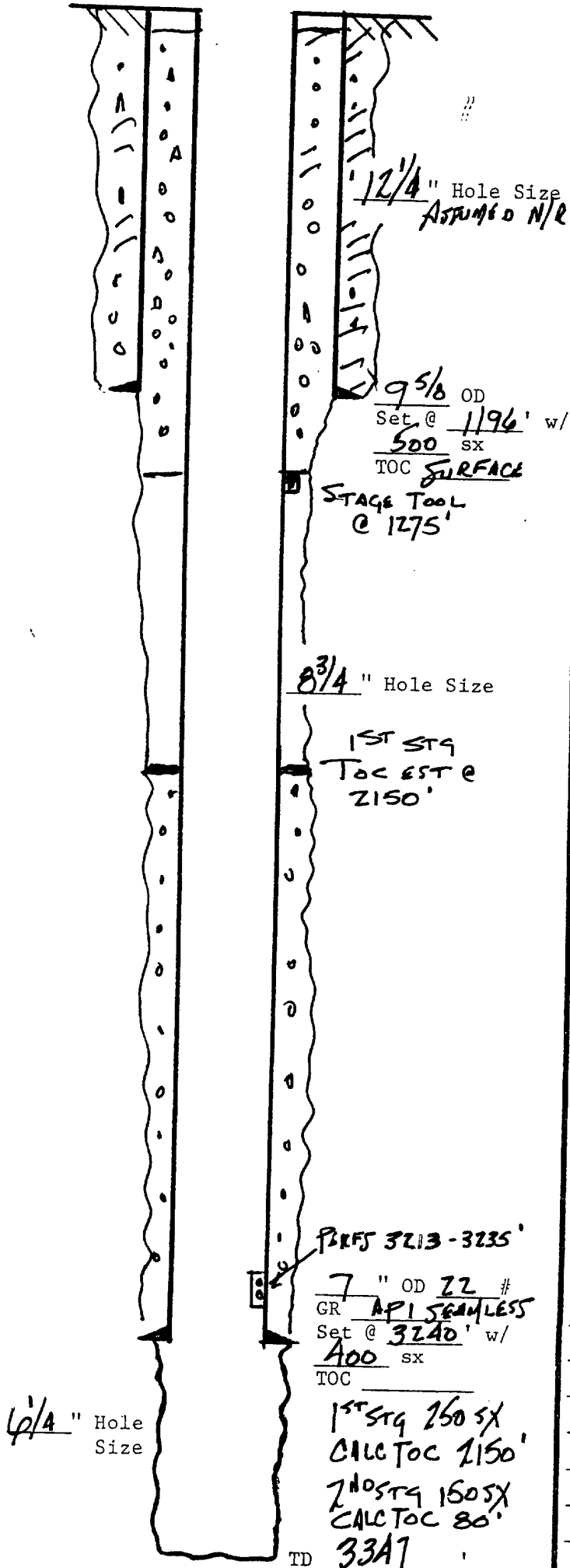
REMARKS

8/2/61 SDF 3295-3339' OH &
3213-3235' PERFS W/
20,000 GAL RIF OIL +
30,000 #20/40 SAND

SI 2/27/87

RECEIVED
HOBBS
OCC

EXISTING



COMPANY PERMIAN RESOURCES INC

WELL HARRISON #1

FIELD LAUGIE MATTIX (DUCK)

LOCATION 330' FSL & 330' FWL (M)
SECTION 23, T25S, R37E

COUNTY LEA

STATE NM

ELEVATIONS:

KB

DF

GL

3047

COMPLETION RECORD

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TD 3347

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REMARKS

8/2/61 50F 3295-3339' OH &

3213-3235' PERFS W/

20,000 GAL R/O OIL +

30,000 # 20/40 SAND

SI 2/27/87