

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1001-0133
Expires: March 31, 1993

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

5. Lease Designation and Serial No.

NM 0175774

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

7. If Unit or CA, Agreement Designation

2. Name of Operator
Shackelford Oil Company

8. Well Name and No.
Bowman Federal #1

3. Address and Telephone No.
310 W. Illinois, Suite 328 Midland, TX 79701

9. API Well No.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
666' FNL & 650' FWL Section 28, T-19-S, R-32-E Unit D

10. Field and Pool, or Exploratory Area
Lusk Yates, East

11. County or Parish, State
Lea, New Mexico

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- TYPE OF SUBMISSION
- Notice of Intent
 - Subsequent Report
 - Final Abandonment Notice

- TYPE OF ACTION
- Abandonment
 - Recompletion
 - Plugging Back
 - Casing Repair
 - Altering Casing
 - Other Re-entry
 - Change of Plans
 - New Construction
 - Non-Routine Fracturing
 - Water Shut-Off
 - Conversion to Injection
 - Dispose Water

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.)

Proposed to re-enter well and re-complete in Yates and Seven Rivers
See Attached Exhibit

OPER. OGRID NO. 2D595
PROPERTY NO. 17147
POOL CODE 41750
EFF. DATE 10/18/95
API NO. 3D-D25-00923

RECEIVED
SEP 1 11 25 AM '95
OIL
CONSERVATION
DIVISION

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

I hereby certify that the foregoing is true and correct
[Signature]

Title Owner Date 9/6/95

Approved by [Signature]
Title Acting State Director

Title Acting State Director Date 10/11/95

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 reports, or to furnish any false, fictitious or fraudulent information in any matter within its jurisdiction.

District I
 PO Box 1900, Hobbs, NM 88241-1900
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-102
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name	
Property Code		Property Name			Well Number
		BOWMAN FEDERAL			#1
OGRID No.		Operator Name			Elevation
020595		SHACKELFORD OIL COMPANY			3570

10 Surface Location

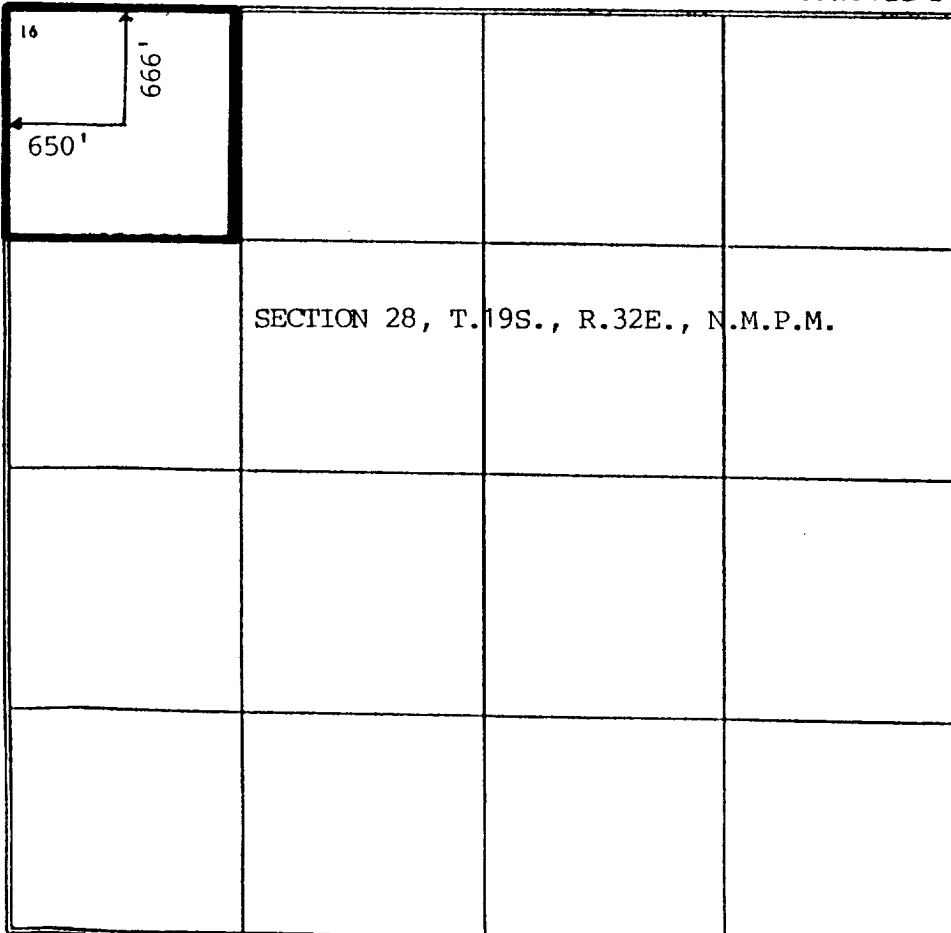
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
D	28	19S.	32E.		666	NORTH	650	WEST	LEA

11 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		Joint or Infill	Consolidation Code		Order No.			
40		N						

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



17 OPERATOR CERTIFICATION

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

W. L. Shackelford
 Signature

W. L. Shackelford
 Printed Name
 Agent

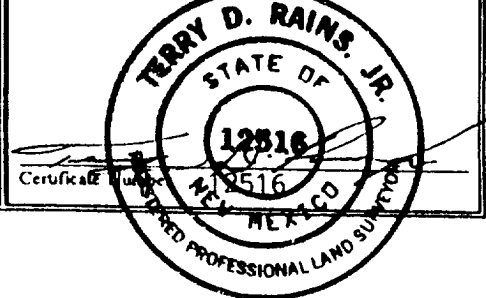
May 10, 1995
 Title
 Date

18 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.

4/25/95
 Date of Survey

Signature and Seal of Professional Surveyor:



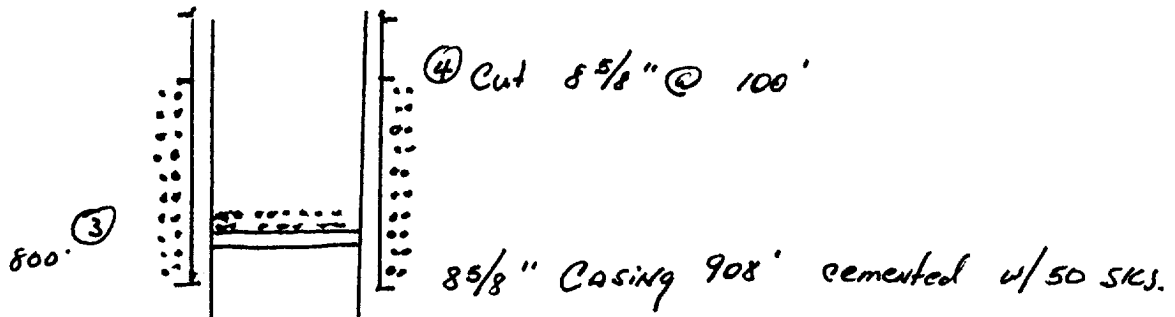
APPLICATION TO RE-ENTER AND DRILL

In conjunction with Form 3160-5, Sundry Notice, Shackelford Oil Co. submits the subject well in accordance with Bureau of Land Management requirements.

1. The geologic surface formation is cretaceous.
2. The estimated tops of geologic markers are:
 1. Anhydrite 850'
 2. Tansill 2390'
 3. Yates 2560'
 4. Seven Rivers 2768'
3. The estimated depths at which water, oil, or gas-bearing formation are expected:
Water: 300 feet
Oil & Gas: 2560 - 2762' Yates and Seven Rivers
4. Existing Casing ^{SOS}
8-5/8" 28# 100' to 908' Top 100' pulled
5-1/2" 13# 2200' to 2737' Casing cut and pulled from 2200'
5. Cement and Cast Iron Bridge Plug
 - A. Set cement plug from 2200' to 2762'
 - B. Set 10 sack cmt plug at ± 800' on CIBP
 - C. Set 10 sack cmt plug at surface
6. Pressure control equipment: Blowout preventer.
7. Mud Program: Brine Water 0-2762'
8. No abnormal pressures are expected.
9. Testing, Logging, and Coring Programs
Drill stem tests and cores: Sidewall cores, Yates and Seven Rivers
Wireline logging program: Gama Ray with compensated neutron.
10. Anticipated starting date: October 1995.

Well Bore Schematic of Bowman Federal #1

LOCATED 660' FNL & 660' FWL SEC. 28 T19 R32E
TD 3/20/42



④ Cut 8 5/8" @ 100'

800' ③

8 5/8" Casing 908' cemented w/ 50 SKS.

Plugging
 ① Bottom plug 2700'-2762'
 ② Cut and pulled 5 1/2" from 2200'
 ③ Mud in hole set 10 sk. plug on CASP @ 800'
 ④ Pulled 8 5/8" from 100'

② Cut AND PULLED 5 1/2" CASING FROM 2200'

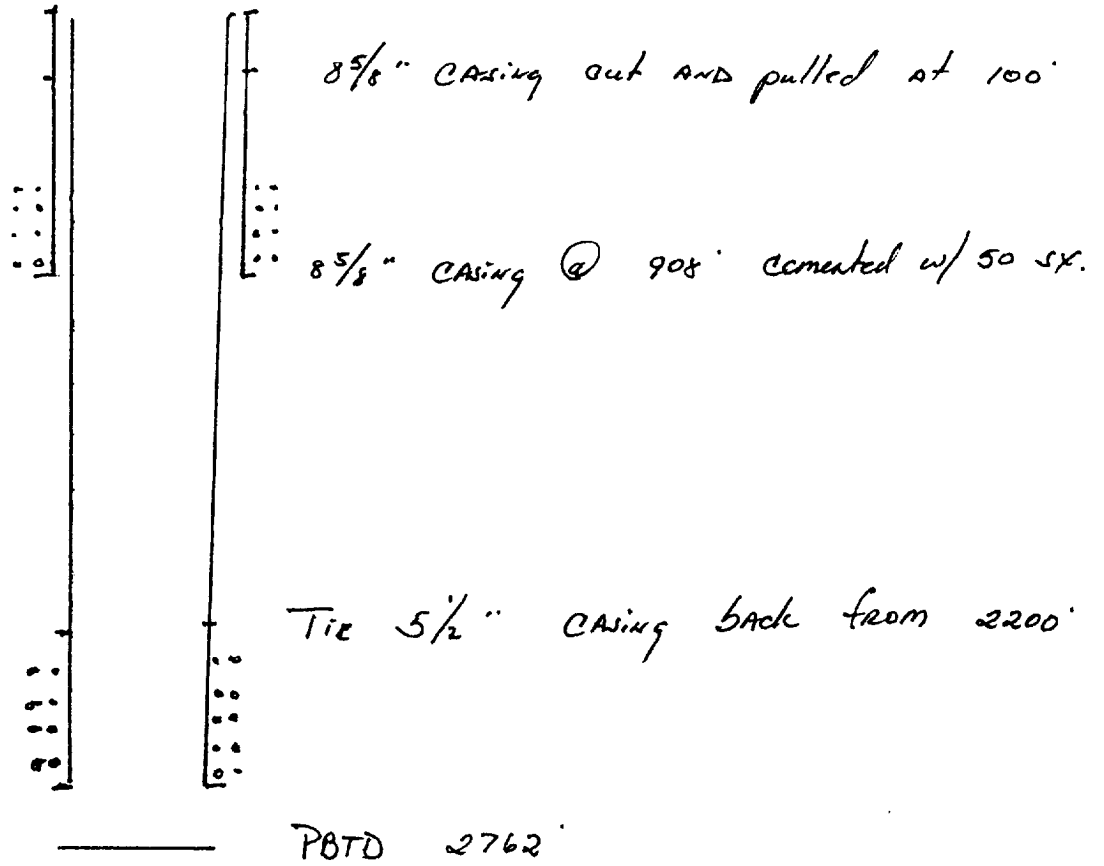
5 1/2" CASING SET AT 2737'
 CEMENTED W/ 50 SKS.

POTD 2762'

Cable tools lost when plugging back, 350 # of lead wool driven on top of tools AND 5' plug of Casp on top of lead wool

ORIGINAL TD 2811'

Proposed Well Bore Schematic of Bowma FEDERAL #1
Located 660' FNL v 660' FWL Sec. 28 T19 R 32 E

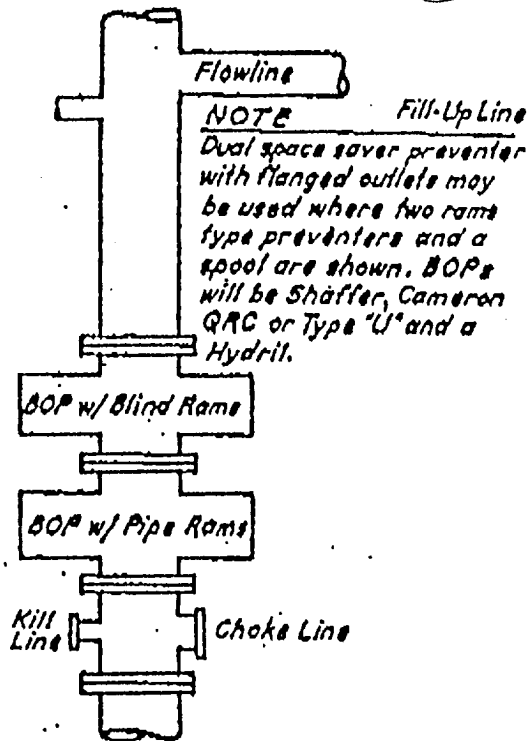


Proposed Procedures for Bowman Federal #1

1. GZH w/ $7\frac{7}{8}$ " bit AND drill out plug at 800'.
2. Clean out hole to top of $5\frac{1}{2}$ " at 2200'
3. POOH w/ $7\frac{7}{8}$ " bit. GZH w/ mill AND mill top of $5\frac{1}{2}$ " casing.
4. POOH w/ mill. GZH w/ $4\frac{3}{4}$ " bit to drill out plug at 2700' - 2762'.
5. POOH w/ bit. GZH w/ $5\frac{1}{2}$ " casing AND packoff to tie back to $5\frac{1}{2}$ " casing.
6. Test open hole producing zone Seven Rivers at 2740' - 2762'. Run tubing, rods, AND put on pump for test.

2M Minimum

SJS



CASE I

BLOWOUT PREVENTER HOOKUP



SHACKELFORD OIL COMPANY**STATEMENT ACCEPTING RESPONSIBILITY OF OPERATIONS**

Shackelford Oil Company
2626 Cole Avenue, Suite 328
Dallas, Texas 75204

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No. NM0175774

Legal Description of Land: NE/4 of NW/4 Section 28 T-19-S R-32-E
SW/4 of NW/4 Section 21 T-19-S R-32-E
SW/4 of NW/4 Section 28 T-19-S R-32-E

Formation(s) (if applicable): NA

Bond Coverage: (State if individual bonded or another's bond)
25,000 Statewide Bond

BLM Bond file No. Statewide Bond
3104 (943C-3TF)


Authorized Signature:

Title: Owner

Date: 05/15/95

4567891011121314151617181920
OCT 1995
Received
Hubbs
ack