Use "APPLICATION FOR PERMIT—" for such proposals SUBMIT IN TRIPLICATE 7. If Unit or CA. Agreement Designation	Form 3160-5 June 1990) Do not use this t	DEPARTMEN' BUREAU OF L SUNDRY NOTICES A	TED STATES TOF THE INTERIOR AND MANAGEMENT AND REPORTS ON WELLS If or to deepen or reentry to a different reservoir.	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. NMI75774 6. If Indian, Allottee or Tribe Name
1. Type of Well State Operator State Operator State Operator				
Series of Operators		SUBMIT	IN TRIPLICATE	7. If Unit of CA, Agreement Designation
SHACKELFORD OIL COMPANY 3. Address and Telephone PO. ALD JLE GUE AVENUE Six the 502 Dallas, TX 7520Y 4. Location of Writ (Foospe, Sec., T. R. M., or Survey Description) 1980 FAIL GOO FULL Section 21 7795 R32E 11. Courny or Partial, Since LUSK YATES, EAST 11. Courny or Partial, Since 12. Category or Partial, Since 13. Address of Interest 14. Category or Partial, Since 15. Category or Partial, Since 16. Category or Partial, Since 17. Category or Partial, Since 18. Category or Partial, Since 1		Other		8. Well Name and No.
3. Address and Telephone No. ### Social Process and Telephone No. #### Social Process and Telephone No. ##### Social Process and Telephone No. ##### Social Process and Telephone No. ###################################				
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CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Notice of Intent Abandonment Abandonment Change of Plans				LUSK YATES, EAST
CHECK APPROPRIATE BOX(8) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Notice of Interes	. 4	_	HOW 21 /195 R3ZE	
TYPE OF SUBMISSION TYPE OF ACTION	··-			1
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District † PO Box 1986, Habbs, NM 38241-1988 District II State of New Mexico
Energy, Minerale & Natural Resources Department

Form C-102 Revised February 10, 1994

PO Drawer DD, Artesia, NM 30211-0719

Instructions on back Submit to Appropriate District Office

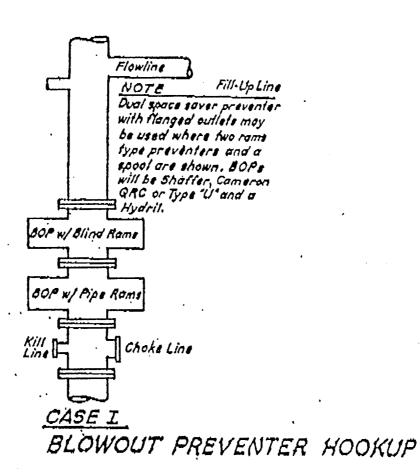
District III 1000 Rio Brasse Rd., Aster, NM 87410

State Lease - 4 Copies

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

PO Box 2000, Santa Fe. N	M 274a4 sees							Fee Lease - 3
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2M Minimum



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	852'
2.	Tansill	2453'
3.	Yates	2618'
4.	Seven Rivers	2807'

3. The estimated depths at which water, oil, or gas-bearing formation are expected:

Water:

300 feet

Oil & Gas:

2618 - 2910' Yates and Seven Rivers

4. Existing Casing

13-3/8"	48#	825'	750 sx circulated
10-3/4"	40.5#	2651'	600 sx circulated
8-5/8"	32 #	4490'	275 sx
5-1/2"	15.5#-20#	11,690'	200 sx
5-1/2"	Casing was	cut and pull	ed at ≈ 4400'

- 5. Cement and Cast Iron Bridge Plug
 - A. Bridge Plug at 11,097, spotted 10 sacks cmt on Bridge Plug
 - B. Set 50 sack cmt plug at ± 6500', tagged cement at 6960'
 - C. Set 30 sack cmt plug at 4411', tagged cement at 4291'
 - D. Set 40 sack cmt plug, did not tag plug
 - E. Set 50 sack cmt plug, tagged cmt at 2667'
 - F. Set 25 sack cmt plug, did not tag
 - G. Set 45 sack cmt plug at 850'
 - H. Set 15 sack cmt plug surface to 62'
- 6. Pressure control equipment: Blowout preventer.
- 7. Mud Program: Fresh Water 0-3000'
- 8. No abnormal pressures are expected inside 8-5/8" casing.
- 9. Testing, logging and coring program:

Drill stem tests and cores: none

Logging:

Wireline logging program: Gamma Ray and Casing Collar Log

10. Anticipated starting date: Prior to April 25, if possible.

PECEIVED

OFFICE

DRILLING PROGNOSIS PLAIN UNIT #6 RE-ENTRY

LOCATION:

1980' FNL & 660' FWL Section 21, T-19-S, R-32-E Lea County, New Mexico

PROPOSED DEPTH & OBJECTIVE:

Proposed TD-3000'

Propose to drill out cement plugs in existing well bore, to test Yates and Seven Rivers formations.

CASING PROGRAM:

Use Existing Casing

In hole - 8-5/8" casing is from

Surface to 4490'

LOGGING PROGRAM;

A Gamma Ray and Casing Collar Log will be ran from TD to base of

Salt.

MUD PROGRAM:

Fresh water Surface to TD.

1900

FICE