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Form 9-331 C (May 1963)			Drawer DD Artesia	NM 8210	I. JATE	Form approve		
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	AS OTHER	SEP 01	1982 NE			8. FARM OR LEASE NA		
						Five Forks F 9. WELL NO.	ederal	
3. ADDRESS OF OPERATOR ARTESIA, OFFICE					1 10. FIELD AND POOL, OR WILDCAT			
510 Hamilton Building With Falls, Texas 76301 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)					Wildcat June Park			
1980' FSL and 1980' FEL					11. SEC., T., B., M., OR AND SURVEY OR AL			
At proposed prod. zone UV'						Section 15-T17S-R27E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*					12. COUNTY OR PARISH	13. STATE		
	imately 8 mile	es east of A				Eddy	New Mexico	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 660*			16. NO. OF AC 320	RES IN LEASE	17. NO. OF ACKES ABSIGNED TO THIS WELL 40			
18. DISTANCE FROM PROPOSED LOCATION* 2000! to TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. dry holes 750						ROTARY OR CABLE TOOLS ROTARY Air Rig		
21. ELEVATIONS (Show wh					<u> </u>	22. APPROX. DATE WO	RE WILL START*	
3490'	GR					August 30,	1983	
23.		PROPOSED CASI	NG AND CEME	NTING PROGRA	M			
SIZE OF HOLE	DLE SIZE OF CASING WEIGHT PER FOOT SE		TTING DEPTH	QUANTITY OF CEMENT				

 8 3/4"
 7" conductor
 20#
 30'
 Cmt to surface with ready mix

 6 1/4"
 4 1/2"
 10.5#
 750'
 300 Sx "C" circulated to surface

Proposed to rotary air drill to a depth of 750' to test the Seven Rivers and the Queen formations. If production is indicated, will set casing and attempt completion.

Mud program: None, since this is air drilled.

BOP: A rotating head will be used since no pressures are anticipated at this depth. The rotating head will stand back pressures of 500-600# before leaking back around the rubber and will stand around 2000# surges.



Agent for:

Eagle Oil

APPROVAL DATE

& Gas Co.



AUG 1 9 1983

ROSWELL, NEW MEXICO

DATEAugust

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deepins. Give blowout preventer program, if any.

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(This space for Federal or State office use)

PERMIT NO.

APPROVED BY CONDITIONS OF APPROVAL. IF A:

TITLE

TITLE

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED STATE OF NEW MEXICO

OIL CONSERVATION DIVISIC

P. O. BOX 2088 SANTA FE, NEW MEXICO 07501 Form C-102 Revised 10-1-78

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ENERGY AND MINERALS DEPARTMENT

Interview Eagle 011 6 Gas Five Forks Federal 1 Interview 15 17 South 27 Fast Eddy Interview 15 17 South 27 Fast Eddy 1980 traine the source stream at white 1980 traine the source of the source			All distances must be fr	em the outer l	heunitertes ef	the Section.		
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APPLICATION FOR DRILLING

EAGLE OIL & GAS CO. Five Forks Federal, Well No. 1 1980' FSL & 1980' FEL, Sec. 15-T17S-R27E Eddy County, New Mexico Lease No.: NM-18973 (Exploratory Well)

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Eagle Oil & Gas Co. submits the following items of pertinent information in accordance with BLM requirements:

- 1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
- 2. The estimated tops of geologic markers are as follows:

Yates		200'
Seven	Rivers	350'
Queen		690 '
T.D.		750'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Surface water between 100' - 250' +.

Oil: Possible in the Seven Rivers between 350' - 400'. Possible in the Queen at approximately 700'.

- Gas: None expected.
- 4. Proposed Casing Program: See Form 9-331C.
- 5. Pressure Control Equipment: A rotating head will be used on this rotary air rig since there are no known pressure problems in the offsetting wells, at this depth. The rotating head will stand back pressures of 500-600#.
- 6. Mud Program: Mud will not be used since this well will be drilled with a rotary air drilling rig.
- 7. Auxiliary equipment: Dyer Diverter.
- 8. Testing, Logging and Coring:

Drill Stem Tests: None.

Logging: Gamma Ray: Dual Induction Laterolog Surface to T. D.

- Coring: None.
- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated starting date: August 30, 1983. Anticipated completion of drilling operations: Approximately 5 days.



PHONES: (505) 746-4531 (505) 748-3523



Rig Layout