

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Read & Stevens, Inc.

18917

505/622-3770

3. ADDRESS AND TELEPHONE NO.

P. O. Box 1518

Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FSL & 660' FEL

At proposed prod. zone

Same

UNIT (I)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9 miles east of Carlsbad, NM

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1867'

16. NO. OF ACRES IN LEASE

2.360

19. PROPOSED DEPTH

6.100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3183' GL Capitan Controlled Water Basin

22. APPROX. DATE WORK WILL START*

June 15, 1995

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" J-55	54.5#	400'	Circ. 425 sx "C" to surf.
11"	8 5/8" J-55	24.0#	2200'	See Below
11"	8 5/8" J-55	32.0#	2500'	Tieback 300 sx lite + 200"C"
7 7/8"	5 1/2" J-55	15.5#	6100'	Tieback w/600 sx "H"

MUD PROGRAM:

MUD WT.

VIS.

W/L Control

0' - 400': Fr/Wtr w/gel & lm: 8.7- 8.9 ppg

34-36

No W/L control.

400' - 2500': Brine mud: 10.0-10.2 ppg

28

No W/L control.

2500' - 6100': Cut brine mud: 8.7- 9.2 ppg

32-34

W/L cont. 10cc

RECEIVED

BOP PROGRAM:

A 10" 3000 psi wp Schaffer Type E double hydraulic BOP will be installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily.

Approved Subject to
General Requirements and
Special Stipulations
Attached

OIL CON. DIV.
DIST. 2

Post ID-1
5-12-95

New Loc & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 depths. Give blowout preventer program, if any.

24.

Agent for:

March 28, 1995

SIGNED

[Signature]

TITLE Read & Stevens, Inc.

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

[Signature]

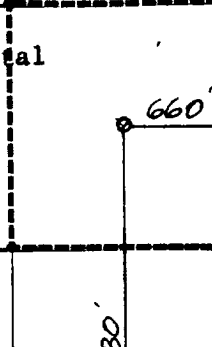
TITLE

Acting Assistant Director

DATE

4.24.95

*See Instructions On Reverse Side

16		
	NM-0486 Bass, Inc., et al	

17 OPERATOR CERTIFICATION

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

George R. Smith

Signature _____

George R. Smith, agent

Printed Name _____

for: Read & Stevens, Inc.

Title _____

March 28, 1995

Date _____

18 SURVEYOR CERTIFICATION

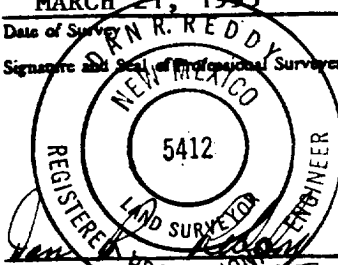
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 21, 1995

Date of Survey _____

D. N. R. REDDY

Signature and Seal of Professional Surveyor.



Certificate Number _____ PROFESSIONAL ENGINEER

NM PECS NO. 5412



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88203-1498
806/623-8070
ROSWELL, NM

806/746-3719
ARTESIA, NM

RIG #3

BLOWOUT PREVENTOR ARRANGEMENT

2M SYSTEM

10" SHAFFER TYPE "E", 3000 psi WP

80 GALLON, 4 STATION KOOMEY ACCUMULATOR

3000 psi WP CHOKE MANIFOLD

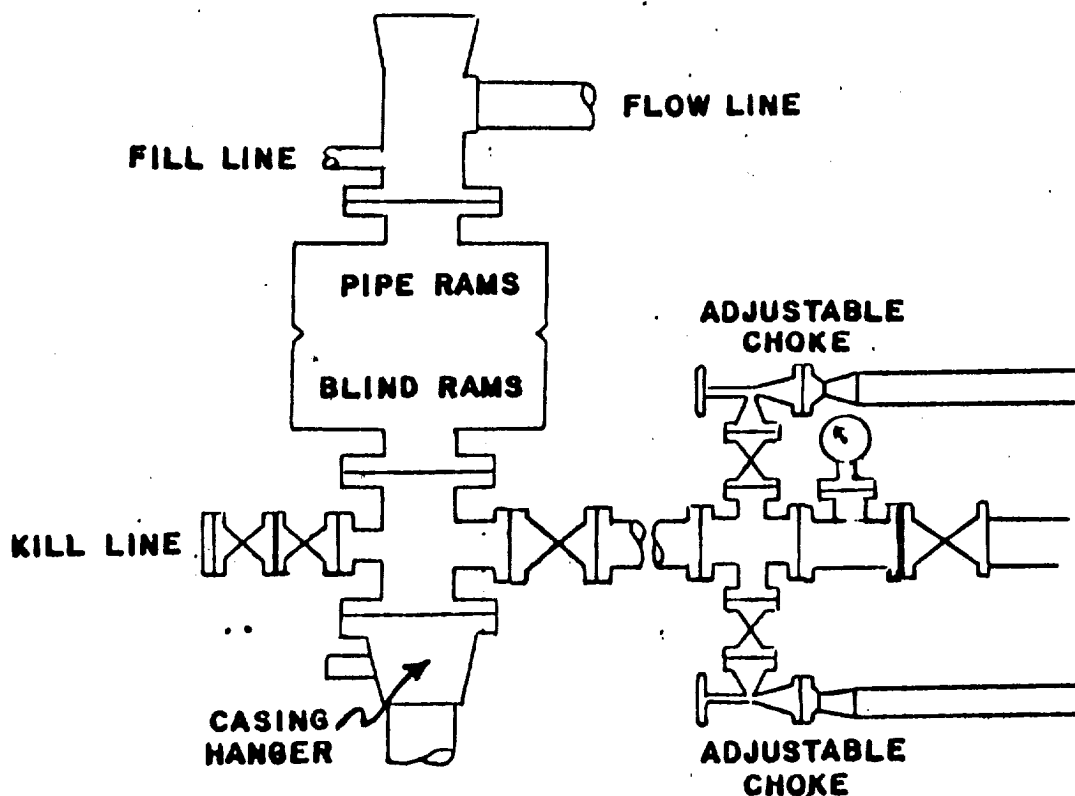


EXHIBIT "E"
READ & STEVENS, INC.
Nix Federal. Well No. 4
BOP Specifications