

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

InterCoast Oil and Gas Company

3. ADDRESS AND TELEPHONE NO.

7130 S. Lewis Ave., Suite 700, Tulsa, OK 74136 (918) 491-4114

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

At surface

1980 ft FNL and 1980 ft FVL (SE/4 - NW/4)

At proposed prod. zone

Unit F

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

7 miles East of Haggaman

15. DISTANCE FROM PROPOSED*

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

660 ft

16. NO. OF ACRES IN LEASE

97365 - 160 acres

18612 - 160 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2952 ft

(plugged well)

19. PROPOSED DEPTH

8000 ft

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320 acres

20. ROTARY OR CABLE TOOLS

Rotary

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

3488 GR

22. APPROX. DATE WORK WILL START*

12/30/96

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26 in	30 in 10 20 in	52.73	40 to 80 ft	Ready Mix to surface
17 1/2 in	H40 13 3/8 in	48	350 ft	390 sks w/2% cc.
12 1/4 in	K55 8 5/8 in	32	1500 ft	700 sks w/2% cc plus 1/4#/sks.
7 7/8 in	N80 4 1/2 in	11.61	8000 ft	270 sks w/0.5% wl additives

1. Drill 26" hole and set 20" conductor as necessary w/ rat hole digger. Cmt to surface.
2. Drill 17 1/2" hole to 350' and set 13 3/8" csg. Cmt to surface.
3. Drill 12 1/4" hole to 1500' and set 8 5/8" csg. Cmt to surface.
4. Install Hydril and BCP stack. Test to 2750 psig.
5. Drill cmt to w/in 20' of shoe. Test csg to 1500 psig.
6. Drill 7 7/8" hole through the Morrow fm to TD. CST as necessary.
7. Run electric logs.
8. If warranted, run and cement 4 1/2" csg. Cement to 500' above to zone of interest.
9. Test 4 1/2" csg to 3000 psig prior to perforating.

EXHIBITS ATTACHED

- | | |
|-----------------------------------|-------------------------------------|
| A. Location and elevation plat | E1. Topographic Access map |
| B. Sight Point Compliance Program | F. Land Plat |
| C. Blow out preventer diagram | G. Drill Rig Layout |
| D. Surface Use Plan | H. Archaeological Survey |
| E. Access Road to location | I. Roswell Dist. Road Stipulations. |

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.

SIGNED

K. C. Thomas

TITLE

Director of Drilling

DATE

12/23/96

(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

TR Krieger

TITLE

Area Manager

DATE

1/9/97

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer 20, Artesia, NM 88211-0719

DISTRICT III
P.O. Box 100, Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

EXHIBIT A

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

NOV 18 1996

DRILLING DEPARTMENT
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-63116	Pool Code 85629	Pool Name Springer Basin; Alicka-Morrow GAS
Property Code	Property Name BUFFALO FEDERAL	Well Number
OGRID No.	Operator Name INTERCOAST OIL AND GAS COMPANY	Elevation 3488

Surface Location

LL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
		14 S	27 E		1980	NORTH	1980	WEST	JOHNS

Bottom Hole Location If Different From Surface

LL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Lee C. Franks</u> Signature <u>Lee C. Franks</u> Printed Name <u>Director of N. M.</u> Title <u>12/23/96</u> Date
	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. OCTOBER 1, 1996 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Eidson</u> 11-11-96 Certificate No. JOHN W. WEST 576 RONALD J. EIDSON 3239 DARY EIDSON 12641

B.O.P. ARRANGEMENT RIG NO. 7

NOTE: All BOP Equipment is 3000# Working Pressure

