

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEEN

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

BAYSTAR PETROLEUM

3. ADDRESS OF OPERATOR

17400 Dallas Parkway, Suite 210, Dallas, Texas 75252

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

At surface

1980' FWL & 1485' FSL, Sec. 26-T32N-R17W

At proposed prod. zone

1980' FWL & 1485' FSL, Sec. 26-T32N-R17W

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

12.5 miles NE from Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

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

1485'

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

1866'

19. PROPOSED DEPTH

1850'

20. ROTARY OR CABLE TOOLS

Rotary

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

5857. G.R. DRILLING OPERATIONS AUTHORIZED ARE

23. SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to the
Bureau's policy on the use of
casing and cement.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
9"	7"	J-55; 23#	90'
6 1/2"	4 1/2"	J-55; 9.5#	1850'

QUANTITY OF CEMENT
35 sk Circ to surface
50 sks
Per Bear - enough to cover water
and producing zones
up hole.

Drill 9" hole and set 90' of 7", 23#/ft. surface casing cement to surface. Nipple blow-out preventors and test to 2000 psi. Drill 6 1/2" hole with air to total depth. Take drilling sample every 5' to total depth. At total depth run Compensated Density log with Induction Microlog. If feasible, run 4 1/2" casing to total depth, cement with 50 sks of 50/50 POZ - mix cement. Perforate zone at 2 shots per foot and fracture stimulate if feasible. Top of Gallup is expected at 1764'. Surface Pipe Cement - 35 sks Class "B" w/ 2% CaCl and 1/2# flowseal, wt. 15#/gal. Production Pipe Cement - 50 sks, 50/50 POZ mix with 2% gel, 10% Salt and 10% CaCl, wt. 13.5#/gal. Top of cement est. 1550'.

RECEIVED

APR 29 1986

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 depths. Give blowout preventer program, if any.

OIL CON. DIV.

DIST. 3

24.

SIGNED

William W. Jackson

TITLE

Engineer

DATE

3/3/86

(This space for Federal or State office use)

"Approval of this action does
not warrant that the applicant
holds legal or equitable rights
or title to this lease."

APPROVAL DATE

APPROVED

AS AMENDED

DATE

APR 25 1986

/s/ J. Stan McKee

ACTING

AREA MANAGER

NMOG
*See Instructions On Reverse Side