

NMOCC CORP.

SUBMIT IN TRIPLICATE*
(Other instr. is on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-015-222/6

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Holly Energy, Inc.

3. ADDRESS OF OPERATOR

2001 Bryan Tower, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1650' FSL and 1980' FWL

At proposed prod. zone

same

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

Approx. 25.65 miles east of Artesia, New Mexico

15. 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.

Approx. 400'

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

3637.15' GR

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#H40 8rd ST&C (new)	500'	500 SX. Class C W/2% CACL
12 1/4"	8 5/8"	28# K55 8rd ST&C (new)	3500'	Cement to cover all zones to base of salt section.
7 7/8"	4 1/2"	13.50#N80 8rd LT&C (new)	1000'	Cement w/sulfate resistant
		11.60#N80 8rd LT&C (new)	Next 9000'	cement to cover all poten-
		13.50#N80 8rd (new)	Next 1,400' to TD	tial pay zones.

We propose to drill this well to approximately 11,400' to test the Morrow Zones.

Gas sales dedicated to Gas Company of New Mexico.

RECEIVED

JUN 09 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

(over)

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.

24.

SIGNED

Robert Loyd

TITLE

Production Supt

DATE

6-8-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 12 1977

APPROVED BY

Joe S. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 12 1977

CONDITIONS OF APPROVAL, IF ANY:

Subject to attached stipulations and approval from the NMOCC as a

unorthodox location.

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS,
EXPIRES OCT 12 1977

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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8 39-171

Mud Program:

From 0' to 9300': Native Mud.

From 9300' to 10200': Fresh water mud, 8.5#/gallon, viscosity 35, water loss 12 cc.

From 10200' to 10600': Fresh water mud, 8.8#/gallon, viscosity 36, water loss 12cc.

From 10600' to 11000' Fresh water mud, 9.0#/gallon, viscosity 37, water loss 10cc.

From 11000' to 11400' Fresh water mud, 9.0-9.2#/gallon, viscosity 38, water loss less than 10cc.

BOP Program: One (1) Hydril, 10"

One (1) Schaffer Double 10", Type "LWS"

Both 1500 Series, Hydraulic Operated.