

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1 ✓
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1 ✓

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MAR - 1 1982

O. C. D.

ARTESIA OFFICE

30-015-24104

Form G-101
Revised 1-1-85

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

ST647 TR3-A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Unit Agreement Lease

8. Farm or Lease Name

Cowtown Loyd Tract 2 StCom

9. Well No.

1

10. Field and Loc., or General
South Empire
Undesignated Morrow

11. County

Eddy

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

12. Name of Operator

Holly Energy Incorporated ✓

13. Address of Operator

Post Office Box 726, Artesia, New Mexico 88210

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE

AND 1980 FEET FROM THE West LINE OF SEC. 14 TWP. 18S RGE. 28E N.M.P.M.

17. Proposed Depth

11,000'

18A. Formation

Morrow

19. Rotary or C.T.

Rotary

21. License No. (Show whether DT, RL, etc.)

3573.9

21A. Kind & Status Plug Bond

Blanket

21B. Drilling Contractor

Hondo

22. Approx. Date Work will start
As soon as possible
after approval

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13 3/8	48#	450'	350	Circ. Surface
11"	8 5/8	32#	3100'	900	Circ. Surface
7 7/8"	5½"	17#	TD - Surf.		Cement with sulfate resistant cement to cover all potential pay zones.

Set 13 3/8 casing at approximately 450' with 350 sacks Class "C" cement and circulated to surface after waiting 18 hours, drill out with 11" bit to a depth of 3100' and set 8 5/8 casing with 900 sacks of Class "C" cement after waiting 18 hours casing will be tested to 1500 PSI and held for 30 minutes, drill out to 11,000' and set 5½" 17# casing and cement to cover all productive zones.

Gas is not dedicated!

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-8-82
UNLESS DRILLING UNDERWAY

Posted ID-1
APL & ML Book
3-3-82

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Robert Loyd Title Superintendent Date 2/25/82
(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE MAR - 5 1982
CONDITIONS OF APPROVAL, IF ANY:

Morrow

Undes. South Empire

320

X Communitization

Holly Energy Inc.

NM B-6474-11

Holly Energy Inc.

Read & Stevens
 NM B-11594-6

Depco-Yates
 St 647 TR 3-A

Holly Energy
 Inc.

NM E 1287-6

Holly Energy
 Inc.

NM B-11594-6

I hereby certify that the above is a true and correct copy of the original as the same appears in the files of the Department of Mines and Metallurgy.

Robert Loyd

Robert Loyd

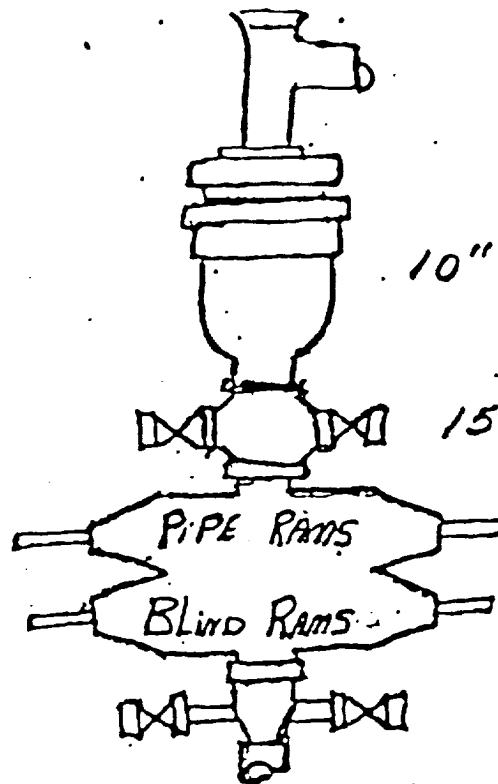
Superintendent

Holly Energy Inc.

2-26-82

I hereby certify that the above is a true and correct copy of the original as the same appears in the files of the Department of Mines and Metallurgy.

Cowtown Loyd Tract 2 State Com #1
Section 14 T-18S R-28E
1980 FSL & 1980 FWL
Eddy County, New Mexico



10" 1500S Hydril GK

1500S DRILLING SPOOL

10" 1500S SHAFFER
DOUBLE HYDRAULIC
TYPE B