

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21341

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

Belco Petroleum Corporation

3. ADDRESS OF OPERATOR

2000 Wilco Building, Midland, Texas 79701

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

At surface

1980' FSL & 660' FWL, Section 4, T-18-S, R-30-E, O. C. C.

At proposed prod. zone

SAME

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

2-1/2 mi. South of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

11,700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3555' GL

22. APPROX. DATE WORK WILL START*

8/23/74

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	54.5#	350'	Circulate
12-1/4"	9-5/8"	40#	2000'	To Surface
8-1/2"	5-1/2"	17#	11,700'	300 sx.

It is proposed to drill straight hole to a TD of 11,700' and test as a Morrow gas well.

Mud Program: 0-350' spud mud, 350-2000' brine water, 2000-8000' fresh water, 8000'-TD KCl water with chemicals and weighting material as needed.

BOP Program: Hydril will be installed on 13-3/8" casing and tested to 3000 psi. Pipe and blind rams will be added to Hydril on 9-5/8" casing and tested to 5000 psi.

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

Allen J. Owings

TITLE

District Engineer

DATE

August 9, 1974

(This space for Federal or State office use)

APPROVED

APPROVED

CONDITIONS OF PERMIT:

H. L. BEEKMAN

ACTING DISTRICT ENGINEER

SUBJECT TO ATTACHED DEEPENING CONTROL

REQUIREMENTS DATED

JUN 22 1973

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES NOV 22 1974
*See Instructions On Reverse Side

RECEIVED
AUG 12 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

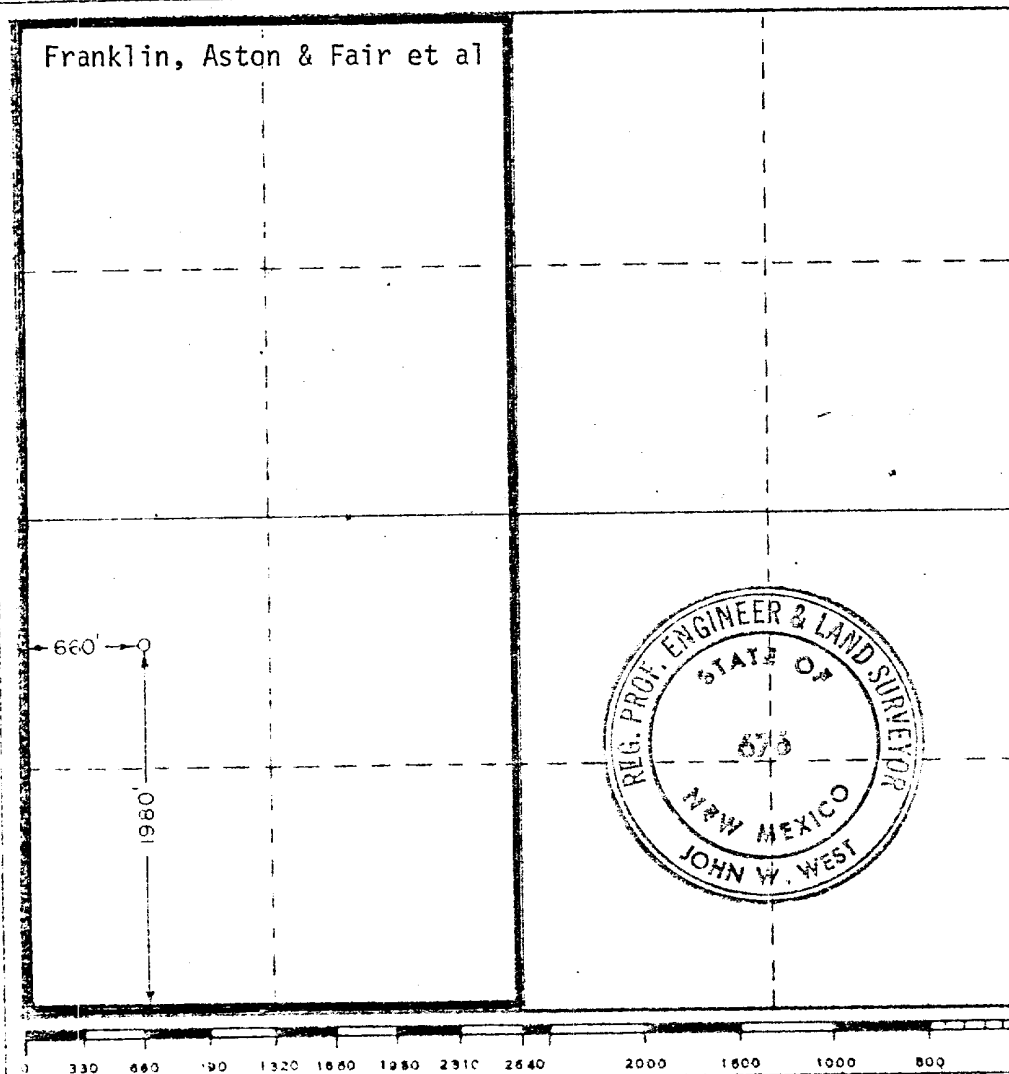
Operator BELCO PETROLEUM CORPORATION			Lease FAF FEDERAL		Well No. 1
Unit Letter L	Section 4	Township 18 SOUTH	Range 30 EAST	County EDDY	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 5200	Producing Formation Permian		Pool FAF	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Farmout

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Allen J. Owings

Name
Allen J. Owings
Position
District Engineer
Company
Belco Petroleum Corporation
Date
August 8, 1974

I hereby certify that the well location shown on this plat is based on 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 knowledge.

RECEIVED
AUG 12 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
AUGUST 8, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

Belco Petroleum Corporation

August 14, 1974

Belco

United States Geological Survey
Post Office Drawer "U"
Artesia, New Mexico

Re: Belco Petroleum Corporation
FAF - Federal #1
1980' FSL & 660' FWL
Section 4, T-18-S, R-30-E
Eddy County, New Mexico

Gentlemen:

- 1) Existing Roads - Black top road approximately three miles west of location that joins Highway 82 and 360 is nearest all weather road. There are numerous caliche lease roads in area.
- 2) Planned Access Road - It is planned to build about 200' of new caliche road from an existing lease road that runs north and south of our location on the west side of our lease, as shown on the attached map.
- 3) Location of Well - This is the first well for Belco. There are a number of existing shallow wells in the area as shown by the attached map.
- 4) Lateral Roads to Well Location - The road to the well is shown on the attached map.
- 5) Location of Tank Battery and Flowlines - In case of production, battery facilities will be installed on the drilling pad.
- 6) Location and Types of Water Supply - There is no ground water available in the area, and water will be purchased from a commercial source and trucked to the location.
- 7) Methods for Handling Waste Disposal - It is planned to build an 8' X 4' X 4' waste pit next to the reserve pit in which to dispose of all waste, as shown on attached plat of Belco's drilling pad.
- 8) Proposed Disposition of Produced Brine Water - Subject well is a gas prospect and no water production is anticipated; however, any produced brine water would be disposed of by hauling to a commercial water disposal well.
- 9) Disposition of Casing Head Gas - There is a market in the area for casing head gas and the low pressure gas will be sold.

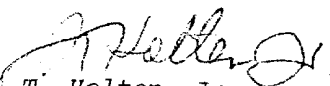
Belco Petroleum Corporation
FAF - Federal #1
Eddy County, New Mexico

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- 10) Location Layout - Attached is a diagram of the location.
- 11) Plans for Restoration of the Surface - In case of a dry hole or upon abandonment of the well, all pits and cellars will be filled and leveled. The location will be leveled as nearly as possible to the original top ground contour with all dead men, junk and trash removed.

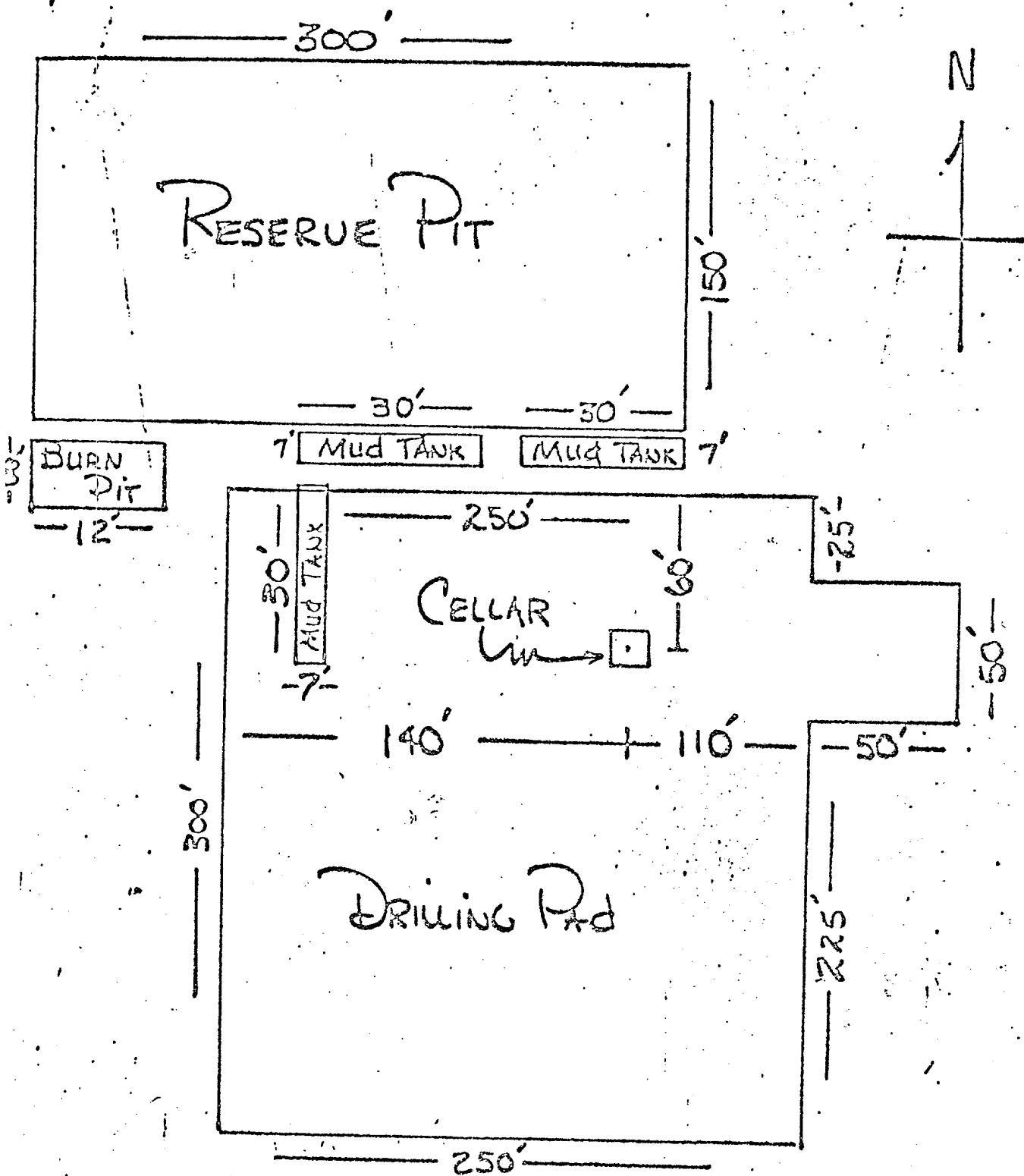
Very truly yours,

BELCO PETROLEUM CORPORATION


J. T. Holten, Jr.
Operations Engineer

JTH/sp

Attachments



BELCO PET. CO. - NEW DRILLING PAD

