

RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR NOV 20 1979 BELCO PETROLEUM CORPORATION		ADDRESS 10,000 Old Katy Rd., Suite 100, Hou., Tx. 77055	
LEASE NAME O. C. C. Federal Office	WELL NO. 1	FIELD Revelation Morrow	COUNTY Eddy
LOCATION UNIT LETTER <u>0</u> ; WELL IS LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>22S</u> RANGE <u>25E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	48#/13-3/8"	316'	300	Surface	115 sxs cmt circulated out
INTERMEDIATE	36#/9-5/8"	2320'	1000	Surface	250 sxs cmt circulated out
LONG STRING	17#&20# 5-1/2"	10936'	1275	8560'	Temp. Survey
TUBING	2-3/8"	8665'	NAME, MODEL AND DEPTH OF TUBING PACKER Otis WB set @ 8665'		
NAME OF PROPOSED INJECTION FORMATION Cisco-Canyon			TOP OF FORMATION 8552'		BOTTOM OF FORMATION 9500'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 8724-38' (Perfs)		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Gas development, Morrow formation		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes		
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 10,440-54; 10484-88; 10550-58; 10,578-84; 10612-20; 10,790-800 (over)					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 2050' ?		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA Unknown		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 9500'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 100	MINIMUM 100	MAXIMUM 150	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure	APPROX. PRESSURE (PSI) 1000 psi
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? Yes - Not available
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Federal surface ownership NM 18605					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Belco Petroleum Corporation, 10,000 Old Katy Rd. Suite 100, Houston, Tx. 77055 Texas Pacific Oil Co. P.O. Box 4067, Midland, Texas 79701					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes		THE NEW MEXICO STATE ENGINEER Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		ELECTRICAL LOG Yes		DIAGRAMMATIC SKETCH OF WELL Yes	

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

(Signature)

Administrative Geologist

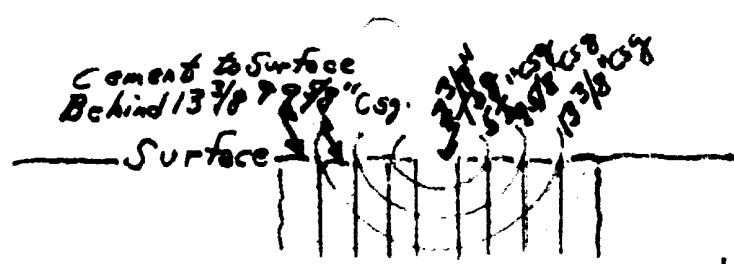
(Title)

Nov. 16, 1979

(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

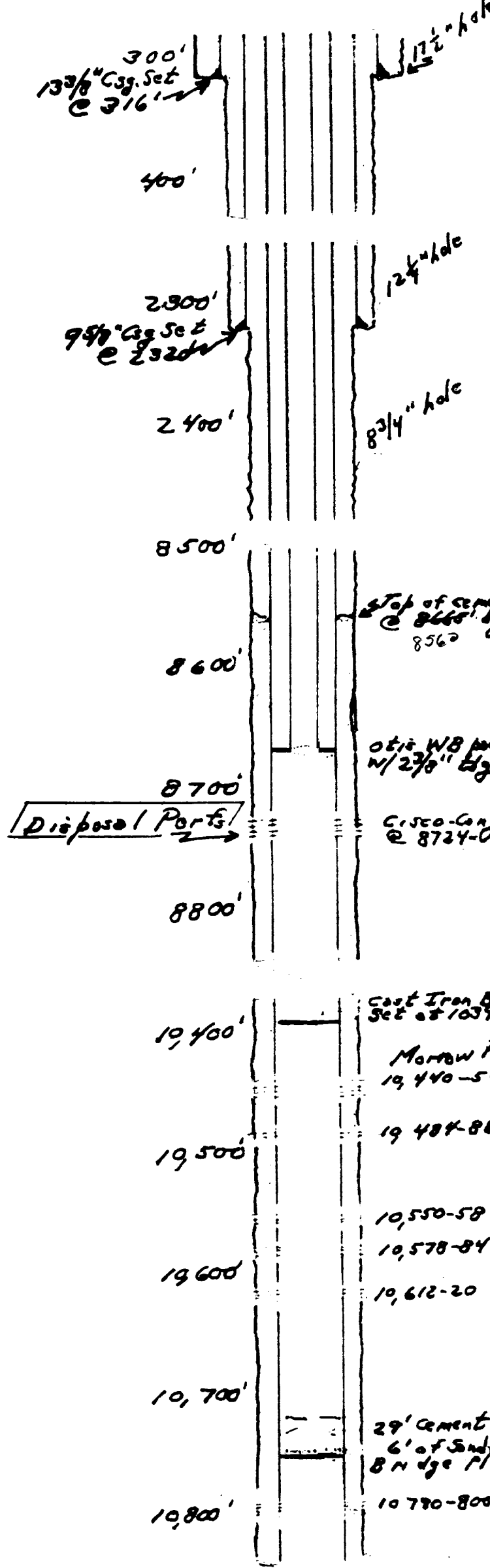
- A. Overall perfs 10,440-10,800 isolated by cement behind 5-1/2" casing (1275 sxs) and Cast Iron BP set inside 5-1/2" @ 10,390'.
- B. Thru tbg BP set @ 10,750 to isolate perfs @ 10,790-800'; 6' of 10/20 sand set as plug from 10,743-49' 6 sxs of cement set on top of 29' of cement set on top of sand plug.



BELL PETROLEUM CORP
Federal RV 4-1

Sec 4 T.23S. R.25E
Eddy Co., N.M.

PROPOSED
Salt Water Disposal
in
Cisco - Canyon
@ 8724-8738'



Scales:
Horiz. 1" = 10'
Vert 1" = 100'
L.S.N. 11-79

Disposal Port

Site 5 1/2" CS
10936-2

T.D. 10937'