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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 22 1981

O. C. D.

Form O-101
Revised 1-1-80

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				8. Farm or Lease Name Buena Suerte	
2. Name of Operator Coronado Exploration Corp. ✓				9. Well No. 1	
3. Address of Operator 1005 Marquette NW Albuquerque, NM 87102				10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE OF SEC. 22 TWP. 9S RGE. 28E NMPM				12. County Chaves	
18. Proposed Depth 8000'				19A. Formation Siluro-Devonian	
20. Rotary or C.T. Rotary					
21. Elevations (show whether DE, KI, etc.) 3869.6 Gr.		21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Cactus Drilling Co.	
				22. Approx. Date Work will start 1/27/81	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8"	48#	293'	150 sx	surface
12 3/4"	11 3/4"	47#	500'	100 sx	surface
11"	8 5/8"	23#	2700'	780 sx	surface
7 7/8"	5 1/2"	11#	8000'	*	*

Change of plans:

Set 13 3/8" casing at 293' with cable tool then drilled 8" hole to 1500'. We plan to rig down cable tool rig and move on rotary and follow attached procedure.

* Cementing procedure for production string will be determined after review of logs.

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 Gail Gunhels Title Production Secretary Date January 21, 1981
(This space for State Use)

APPROVED BY W. A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE FEB 04 1981
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WE LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-104
Effective 1-1-65

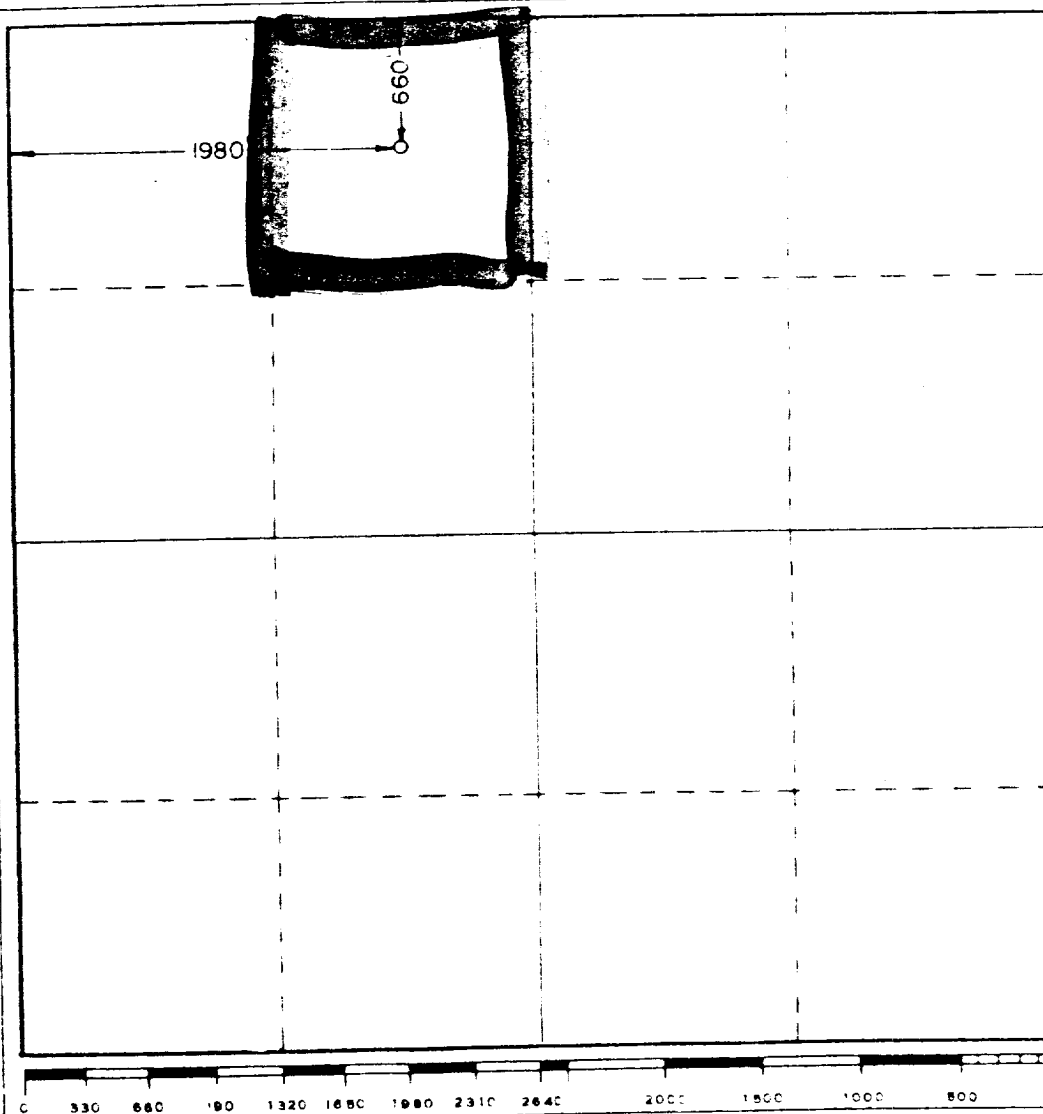
All distances must be from the outer boundaries of the Section

Coronado Exploration Corp.		Buena Suerte		1
C	22	9 South	25 East	Chaves
Actual Well Location of Well				
660	feet from the North	1980	feet from the West	
Ground Level Elev. 3869.6	Producing Formation Siluro Devonian	Form Wildcat	Section Number 40	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below
- If more than one lease is dedicated to the well, outline each and identify the interest thereof (both as to working interest and royalty).
- 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 _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) ~~All leases are held by operator and participating parties~~
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.

Phelps White

Engineer

Coronado Exploration Corp.

January 20, 1981

I hereby certify that the well location shown on this plat was plotted from 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 and belief.

March 24, 1980

By _____
Notary Public for the State of New Mexico

Patrick A. Romero
Certificate No. JOHN W. WEST 678
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

WHEN REPLYING

PLEASE REFER TO: _____

January 19, 1981

BUENA SUERTE #1

PROGRAM FOR OPERATIONS

Up to Date:

293' 13 3/8" surface casing with cement circ.
500' 12 1/4" open hole
1500' 8" open hole with plug at 600 to 500'. (Mesquite & mud)

1. Run 500' of 11 3/4" 47# pipe and circulate cement to surface.
 - a) run insert float in bottom jt. and Texas pattern guide shoe
 - b) cement with 50 sacks Class "C" cement preceded with 10 bbls. mud and quickseal mixture.
 - c) WOC 18 hrs. Go in and clean out plug and hole to 1500', 8"/
 - d) rig down cable tool
2. Rig up Cactus Drilling Rig. Mix enough mud to circulate hole. 124 bbls. and enough for extra 100% = 250 bbls. 10# brine and salt gel for vis. - 36 W.L. 15cc. Circulate hole until circulating small amount of solids. Pull d.p. out of hole. Connect collars and 11" bit and ream hole to 1500' keeping vis. at 36 W.L. 15cc. If trouble is suspected, add 3-4% oil - diesel. Continue to drill hole to 2700' (or below Slaughter) with same mud system. Run CNL, DIL and SWN logs before running casing.
3. Run 2700' of 8 5/8" 24#/ft. casing using 6 centralizers, 1 insert float in bottom joint and a Texas pattern guide shoe. (Insert a short marker joint - 1 joint above the Slaughter.) Cement with 780 sacks Class "C" cement with 2% CaCl. WOC 18 hrs. If cement fails to circulate, WOC 10 hrs. and take temporary survey. Nipple up with 12" 900 series rotating head and Hydril.
4. Drill out from under 8 5/8" casing with 7 7/8" bit using same fluid as previous interval. Clean up the fluid and convert to a controlled brine (9.0 - 9.2 lbs/gal.) Use caustic for pH control (9 - 10 pH). If better samples are required, add salt gel to bring vis. to 30 - 32. Sweep hole before any DST.
5. At 5100' (or 200' above Abo), mud up with salt gel and oil.
Wt. - 8.9, Vis. - 38 to 40, W.L. - , Oil - 5-7%

6. At 6250' alter mud as follows:

Wt. - 9.0 to 10.0 lb/gal, Vis - 40 to 50, W.L. - - 10 cc, Oil - 5 to 7%
Add 1/4 lb/bbl. preservative.

Drill to 8000'

Further plans will be made after logs are run.

CORONADO EXPLORATION CORPORATION

1005 MARQUETTE N.W.
ALBUQUERQUE, NEW MEXICO 87102
TELEPHONE (505) 242-2050
(505) 843-6762

WHEN REPLYING
PLEASE REFER TO: Buena Suerte #1

January 28, 1981

RECEIVED

JAN 29 1981

O. C. D.
ARTESIA, OFFICE

Mr. W.A. Gressett
NMOCC
Drawer DD
Artesia, New Mexico 88210

Dear Mr. Gressett,

Enclosed is the corrected application to drill the subject well.

13 3/8" casing was set at 293' rather than 400' as proposed because drilling was slow with a 15" bit and water was expected but not encountered at 120-150'. Unfortunately, we did hit a new stringer of water at 430'.

11 3/4" pipe can be set in 13 3/8" 48# casing granted the fit is tight. Drift diameter for 11 3/4" 48# pipe is 12.559". We are using 11 3/4" 47# welded joint pipe, O.D. 11 3/4".

Sincerely,



Phelps White

JPW/gg