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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 30 1979

O. C. C.
ARTEBIA, OFFICE

30-005-60557

Form C-101
Revised 1-1-65

1. Indicate Type of Lease
STATE ☒ FEE ☐
2. State Oil & Gas Lease No.
L-2757

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		2. Unit Agreement Name	
a. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐			
b. Type of Well OIL ☐ GAS ☒ OTHER ☐		3. Name of Leaseholder	
SINGLE ZONE ☐ MULTIPLE ZONE ☐		Ranch Road	
4. Name of Operator Phoenix Resources Company		3. Well No. 1	
5. Address of Operator 3555 NW 58th St., Suite 300, Oklahoma City, OK 73312		12. Field and Pool, or Well Unit Wildcat <i>Strawn</i>	
6. Section, Township, Range UNIT LETTER C LOCATED 660 FEET FROM THE North LINE 1980 FEET FROM THE West LINE OF SEC. 20 TWP. 19S RGE. 20E		13. County Chaves	
7. Depth of Well 6600		14. Perforation Strawn	
8. Kind & Status Plug. Bond Blanket		15. Rotary or C.R. Rotary	
9. Depth of Cement (whether BT, RT, etc.) 4249.9 GR		22. Approx. Date Work will start 4/10/79	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	150'	175 sx	circ
11"	8 5/8"	24#	1790'	1100 sx	circ
7 7/8"	4 1/2"	11.6#	6600'	400 sx	4850'

Blowout Preventor to be adequate for area and depth.

Completion to be conventional perforation and treatment.

Acreage is not covered by gas contract.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 7-9-79

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 W. A. Gussert Title Agent Date March 29, 1979

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE APR 9 - 1979

CONDITIONS OF APPROVAL, IF ANY:

Submit BOP Program

Cement must be circulated to
surface behind 13 3/8" 858' casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 858' casing

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

Form 1-122
Supersedes C-128
Effective 10-65

All distances must be from the outer boundaries of the Section

Operator Phoenix Resources Company			Lease Ranch Road			Well No. 1		
Section 20			Ownership 19 South			Range 20 East		
County C			State Chaves			Section 20		
Acres of the Section 660								
Producing Formations Strawn			Producing Formations Wildcat			Producing Formations 320		

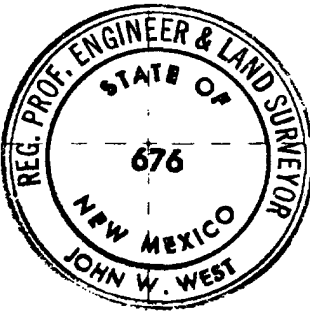
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
3. If more than one lease of different ownership is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

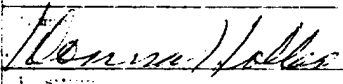
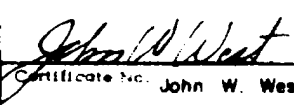
☐ Yes ☒ No If answer is "yes," type of consolidation To be communitized if productive

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.

98 State Lease L-2757 Phoenix Resources	99 Federal NM-2795 Phoenix Resources
Federal Unleased	



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
 Agent	
Phoenix Resources Co. March 29, 1979	
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 26, 1979 Registered Professional Engineer  Certificate No. John W. West 676	
Ronald J. Eidson 3239	

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Phoenix Resources Co.</u>		Lease <u>Panek Road</u>		Well # <u>1</u>	
Location of Well <u>660 Unit C</u> <u>1980W</u>	Section <u>20</u>	Township <u>19</u>	Range <u>20</u>	County <u>Chama</u>	
Drilling Contractor <u>Cactus Drilling Co.</u>		Type of Equipment <u>Rotary to start approx. 4-10-79</u>			
* witness <u>APPROVED CASING PROGRAM</u>					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>17 1/2"</u>	<u>13 7/8"</u>	<u>48</u>		<u>150</u>	<u>175 cire.</u>
<u>11"</u>	<u>8 5/8"</u>	<u>24</u>		<u>1790</u>	<u>1100 "</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>11.6</u>		<u>6600</u>	<u>4005K</u>
Casing Data:					
Surface <u> </u> joints of <u>8 5/8</u> inch <u>24</u> # Grade <u>J-55</u>					
(Approved) (Rejected)					
Inspected by <u>M.S.</u> date <u>4/18/79</u>					
Cementing Program					
Size of hole <u>11"</u> Size of Casing <u>8 5/8</u> Sacks cement required <u> </u>					
Type of Shoe used <u>guide</u> Float collar used <u>inert</u> Btm 3 jts welded <u>yes</u>					
TD of hole <u>1781'</u> Set <u>1781'</u> Feet of <u>8 5/8</u> Inch <u>24</u> # Grade <u>J-55</u>					
New-used csg. @ <u>1781'</u> with <u>150</u> sacks neat cement around shoe					
+ <u>200</u> sax <u>thick set</u> additives <u>10# gilsonite - 1/4 fl oz - 270cc</u>					
Plug down @ <u>1:45</u> (AM) (PM) Date <u>4/22/79</u>					
Cement circulated <u>No</u> No. of Sacks <u>0</u>					
Cemented by <u>Halliburton</u> Witnessed by <u>BW Weaver</u>					
Temp. Survey ran @ <u>9:00</u> (AM) (PM) Date <u>4/22/79</u> top cement @ <u>295'</u>					
Casing test @ <u> </u> (AM) (PM) Date <u> </u>					
Method Used <u> </u> Witnessed by <u> </u>					
Checked for shut off @ <u> </u> (AM) (PM) Date <u> </u>					
Method used <u> </u> Witnessed by <u> </u>					
Remarks: <u>+ 660 Horco Lite (5# gilsonite - 1/4 fl oz - 8# salt)</u>					
<u>Baskets @ 1269' - 650' - 371'</u>					
<u>Fresh wtr @ 1100'</u>					

1. Tagged Toc @ 250' 100sx C 270cc
 2. Tagged Toc @ 240' 300sx C 270cc
 3. Tagged Toc @ 210' 150sx C 270cc
 4. Tagged Toc @ 160' 50sx C 270cc
 5. Tagged Toc @ 170' 50sx C 270cc
 6. Tagged Toc @ 170' 25sx C 270cc
 7. Tagged Toc @ 150' 50sx C 270cc
- Cement circ. 3:00AM 4-23-79