

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-15-25921
Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

AUG 25 '88

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG-6139

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Heyco State "32"	
2. Name of Operator ARCO Oil & Gas Company		9. Well No. 1	
3. Address of Operator Box 1610, Midland, Texas 79702		10. Field and Pool, or Wildcat N. Shugart Bone Springs	
4. Location of Well UNIT LETTER N LOCATED 2250 FEET FROM THE West LINE AND 380 FEET FROM THE South LINE OF SEC. 32 TWP. 17S RGE. 31E NMPM		12. County Eddy	
19. Proposed Depth 9100		19A. Formation Bone Springs	
20. Rotary or C.T. Rotary		21. Kind & Status Plug. Bond Statewide Blanket	
21B. Drilling Contractor Not Assigned		22. Approx. Date Work will start 9-20-88	
21. Elevations (show whether DT, RL, etc.) 3712.9 GR			

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	54.5	400	450	Surf
11	8 5/8	24 & 28	4700	2000	Surf
7 7/8	5 1/2	17	9000	950	±4500

POST ID #1
NL & API
9-2-88

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/26/89
UNLESS DRILLING UNDERWAY

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 SLOWOUT PREVENTER PROGRAM, IF ANY.

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

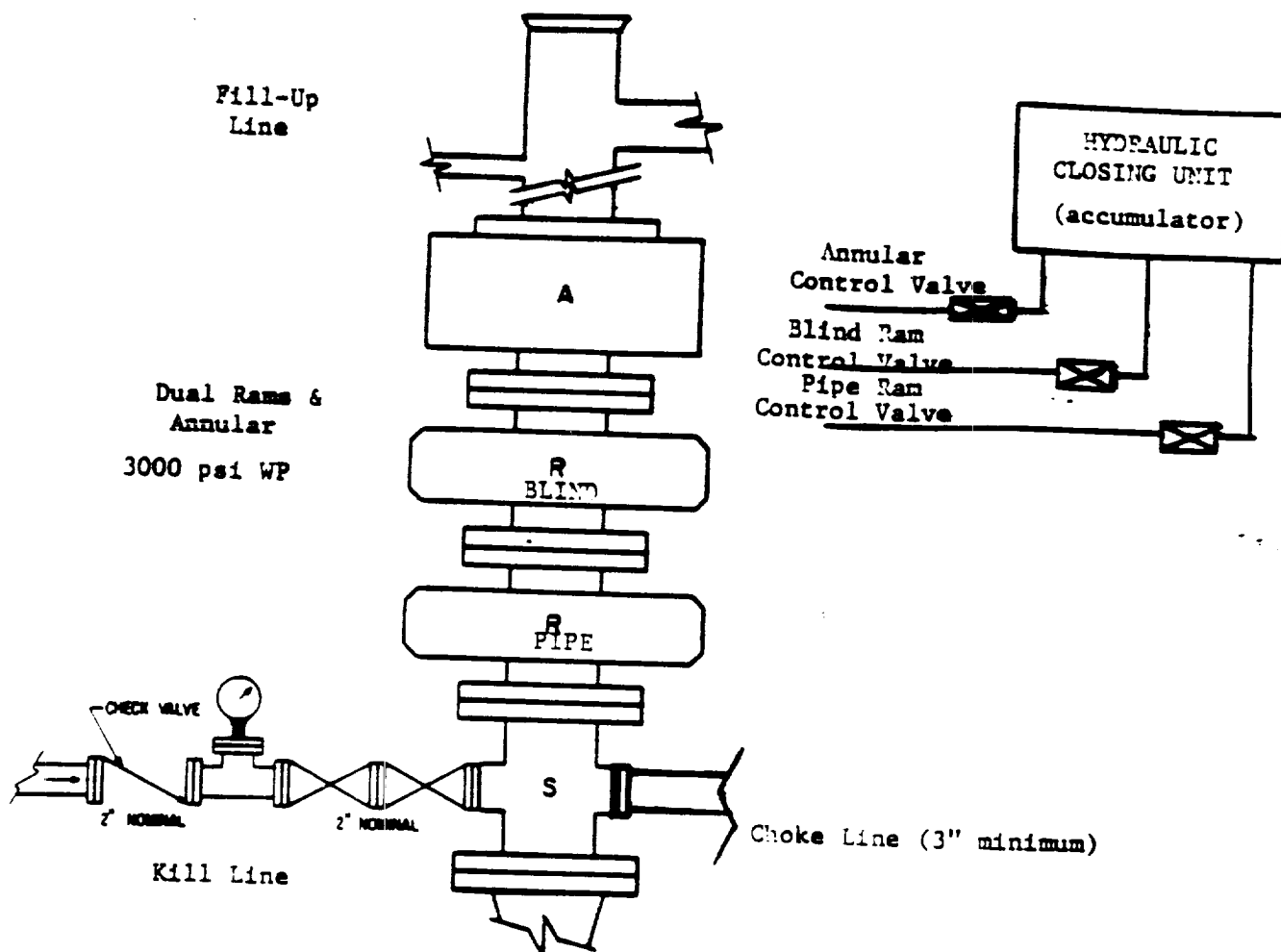
Signed Ken W. Gosnell Title Engr. Tech. 915-688-5672 Date 8-23-88

(This space for State Use)

Original Signed By

APPROVED BY Anna Williams TITLE TITLE DATE AUG 26 1988

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED

AUG 24 1988

OCD
HOBBS OFFICE

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

Form C-122
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

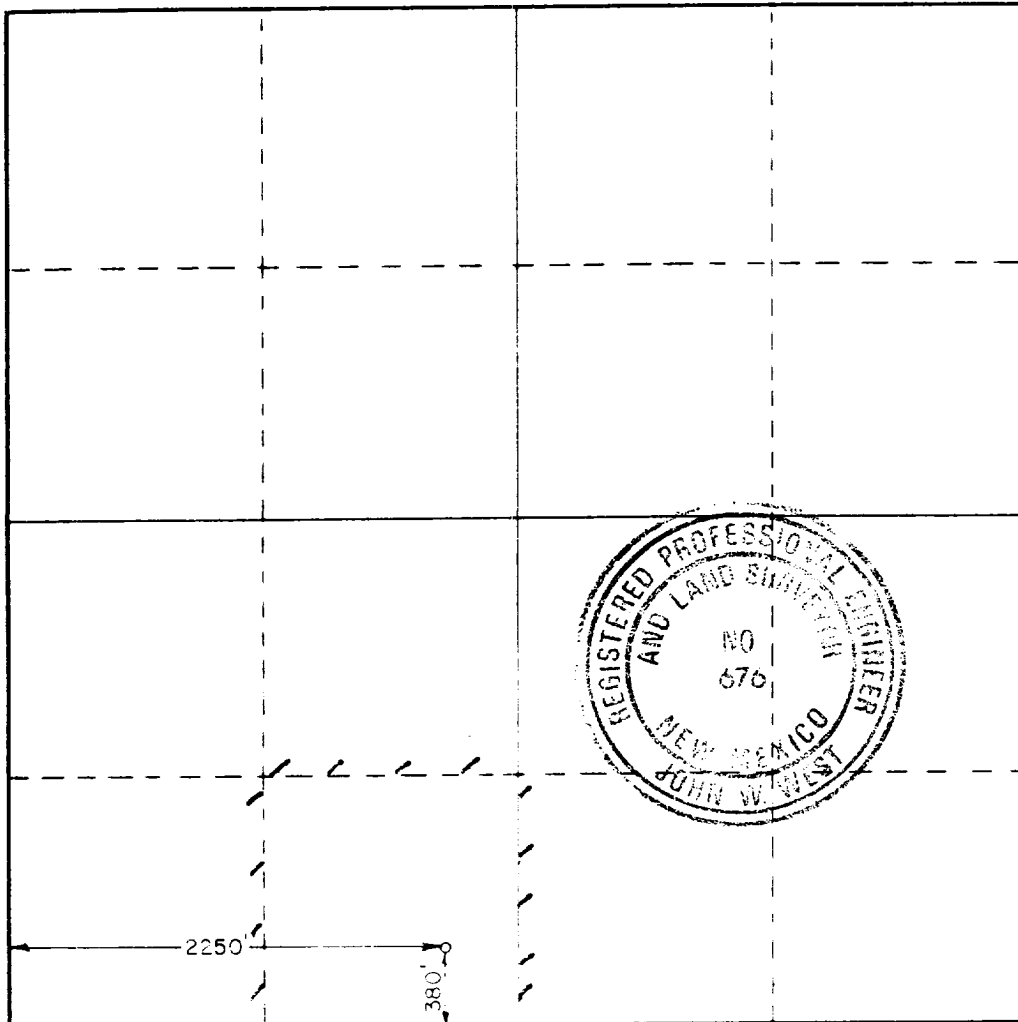
Operator ARCO Oil & Gas Company			Lease Heyco State #32		Well No. 1
Section Letter N	Section 32	Township 17 South	Range 31 East	County Eddy	
Actual Footage Location of Well:					
2250 feet from the West line and		380 feet from the South line			
Ground Level Elev. 3712.9	Producing Formation Bone Springs	Pool UND. North Shugart BONE SPRING	Dedicated Acreage: 40 Acres		

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 _____

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.

Ken W. Gosnell

Name

Ken W. Gosnell

Position

Engr. Tech.

Company

ARCO Oil & Gas Company

Date

8-23-88

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.

Date Surveyed

August 11, 1988

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST,**

676

RONALD J. EIDSON,

3239

RECEIVED

AUG 24 1988

OCD
HOBBS OFFICE