

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

Water Inj. ☒SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Anadarko Production Company

3. ADDRESS OF OPERATOR

P. O. Box 67, Loco Hills, New Mexico

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

At surface

At proposed prod. zone

Same

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

Seven miles Southwest 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)

20'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1,250'

16. NO. OF ACRES IN LEASE

2,600

19. PROPOSED DEPTH

3,100

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary Tools

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

3491.7 GR

22. APPROX. DATE WORK WILL START*

6-15-76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"	32#	350'	150 sacks
7-7/8"	4 1/2"	10.5#	3,100'	450 sacks

1. Rig up rotary tools.

2. Drill to approximately 350', set and cement 8-5/8" casing, install and test Series 900 double ram hydraulic blowout preventer.

3. Drill to T. D., 3,100', run open hole logs.

4. Set and cement 4 1/2" casing on T. D.

5. Perforate Grayburg & Jackson Zones; acidize all perforations.

6. Run dual packers to separate Grayburg and Jackson.

7. Equip for Water Injection.

8. Commence water injection.

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.

Original Signed by
SIGNED Jerry E. BucklesTITLE Area SupervisorDATE June 10, 1976

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

DATE _____

JUN 13 1976
H. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent well proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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.

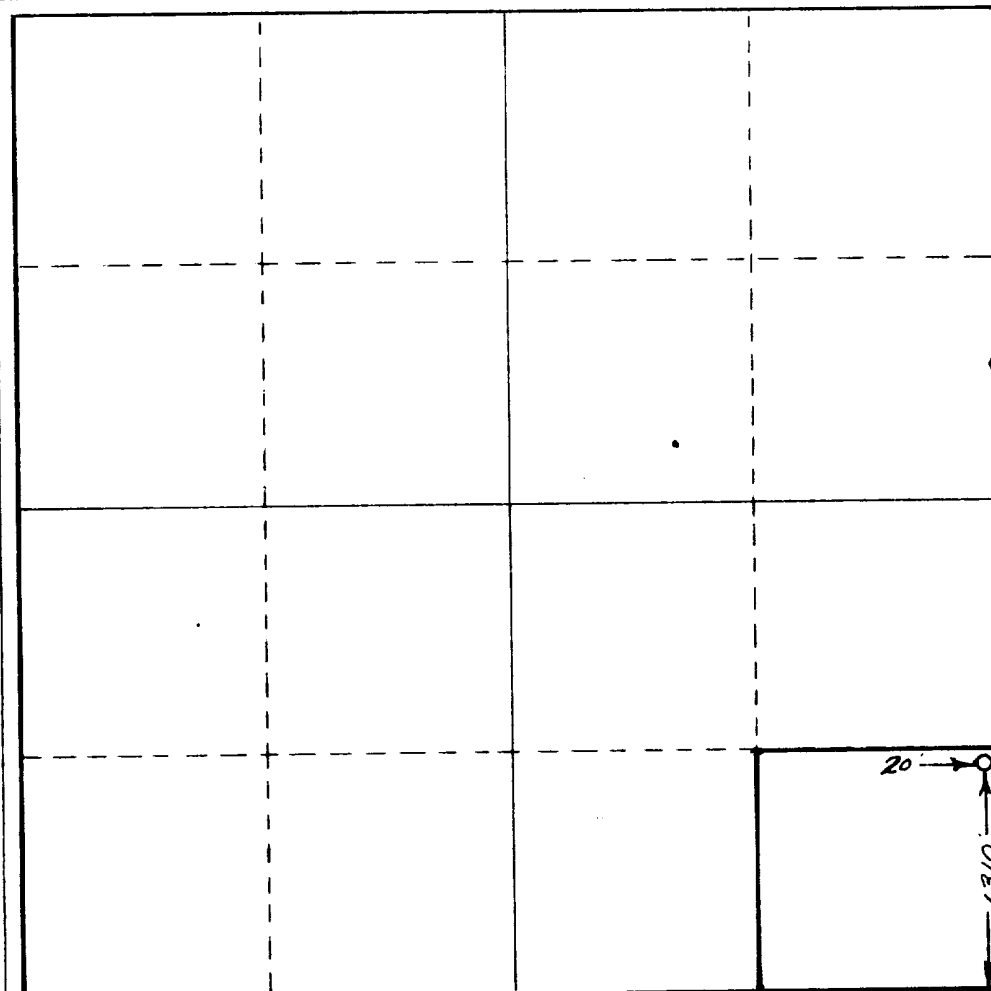
Operator ANADARKO PRODUCTION COMPANY		Lease BALLARD UNIT		Well No. 5 - 13
Unit Letter "p"	Section 8	Township 18 South	Range 29 East	County Eddy
Actual Location of Well: 1310 feet from the South line and 20 feet from the East line				
Ground Level Elev. 3491.7	Producing Formation Grayburg-Jackson	Pool Loco Hills Queen Grayburg San Andres	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 **Unitization**

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.

Name *Jimmy E. Auchter*
Position **Area Supervisor**
Company **Anadarko Production Co.**
Date **June 11, 1976**

I hereby certify that the well location shown on this plat was taken 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.
RECEIVED
JUN 14 1976
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed **6-10-76**

Registered Professional Engineer and/or Land Surveyor

Herschel Jones
Certificate No. **3640**

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 **Water Inj.**SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Anadarko Production Company

3. ADDRESS OF OPERATOR

P. O. Box 67, Loco Hills, New Mexico 88255

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

At surface

1320' FSL & 20' FEL Sec. 8, T 18S, R 29E

At proposed prod. zone

Same**Eddy County, New Mexico**

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

Seven miles Southwest 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)**20'**18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
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2,600

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TO THIS WELL**40**

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6-15-76

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24.

**Original Signed by
Jerry E. Buckles**

SIGNED

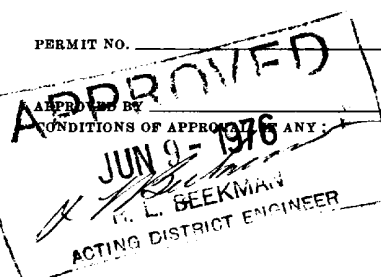
TITLE

Area SupervisorDATE **March 29, 1976**

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE



THIS APPROVAL IS EXTENDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUN 9 - 1976
See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

LC 050906

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Ballard Grayburg
San Andres Unit**

8. FARM OR LEASE NAME

Tract No. 5

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

**Loco Hills Queen X
Grayburg San Andres**11. SEC., T., R., OR BLK.
AND SURVEY OR AREA**8 - 18S - 29E**

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

JUN 10 1976

RECEIVED
APR - 5 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

mler R
4493

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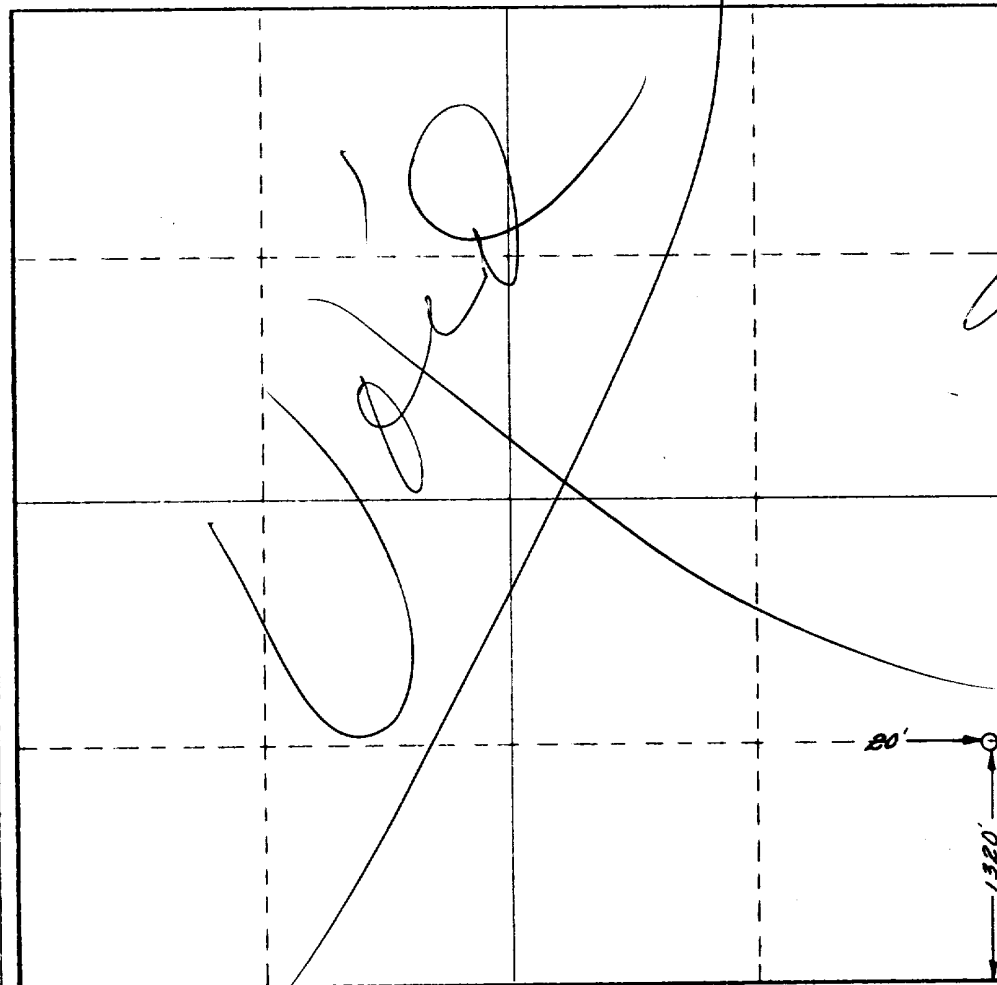
Operator Anadarko Production Company		Lease Ballard Unit <i>Sh. SA Unit Jr. S</i>		Well No. 513
Unit Letter "p"	Section 8	Township 18 South	Range 29 East	County Eddy
Actual Location of Well: 1320 feet from the South line and 20 feet from the East line				
Ground Level Elev. 3491.7	Producing Formation Grayburg-Jackson	Pool Loco Hills Queen Grayburg San Andres	Dedicated Acreage: 40 Acres	

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CERTIFICATION

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

[Signature]
Name
Area Supervisor
Position
Anadarko Production Co.
Company
March 30, 1976
Date

I hereby certify that the well location shown on this plat was located from field notes of actual survey 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
Feb. 17, 1976
Registered Professional Engineer and/or Land Surveyor
[Signature]
Certificate No.
3640

GENERAL OFFICE
P. O. BOX 9317
FORT WORTH, TEXAS 76107



ANADARKO PRODUCTION COMPANY

1014 W. AVENUE K
AREA CODE 505 396 4018

LOVINGTON, NEW MEXICO 88260
CABLE ADDRESS: ANDARK

P. O. Box 67
Loco Hills, New Mexico 88255
March 30, 1976

United States Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

Gentlemen:

Following is the "Plan of Development" for the drilling of the Anadarko Production Company Ballard Grayburg San Andres Unit Well No. 13, Tract No. 5, located 1320' FSL and 20' FEL Section 8, Township 18 South, Range 29 East, Eddy County, New Mexico. This well is planned for Water Injection.

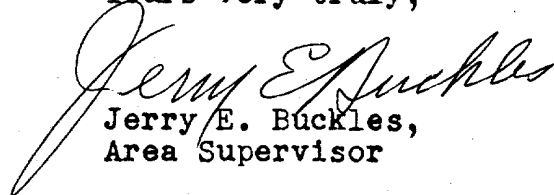
1. Existing Roads - The existing lease roads are indicated by dashed lines on plat. The hard surfaced roads are indicated by a double solid line.
2. Planned Access Roads - Approximately 750' of access road is indicated on plat by blue line, approximately 450' of which would be old unused road bed running from Northeast to Southwest.
3. New Well Location - The new well location is indicated by green area on attached plat.
4. Lateral Roads to Location - Road information is covered in No. 1 and No. 2 above.
5. Water Station and Injection Lines - Water station is located in red area. Injection water to this location will be furnished by existing lines.
6. Location and Type of Water Supply - Water supply information is covered in No. 5 above.
7. Method of Handling Waste Disposal - A trash pit is indicated on plat showing drilling equipment on location. This pit will be separate from drilling pits and sufficiently deep to contain all rubbish when covered.
8. Location of Camps - No camps are planned.
9. Location of Air Strips - No air strips are planned.

10. Drilling Rig Layout - Attached plat gives the position of the rig, mud tanks, reserve pits, pipe racks and access road location on the drilling pad. Drilling pad will be 6 inches of caliche measuring 200 feet East to West and 120 feet North to South. Reserve pit and trash area will measure 150 feet East to West and 60 feet North to South. Drilling pad will blend with terrain as there are no predominant hills, valleys, washes or trees in the area.

11. Plans for Restoration of Surface - The area of mud pits, reserve pit and trash pit will be leveled. Other requirements of U. S. G. S. and N. M. O. C. C. will be complied with.

12. Other Information - The area of well location is sandy grazing land and will require little leveling.

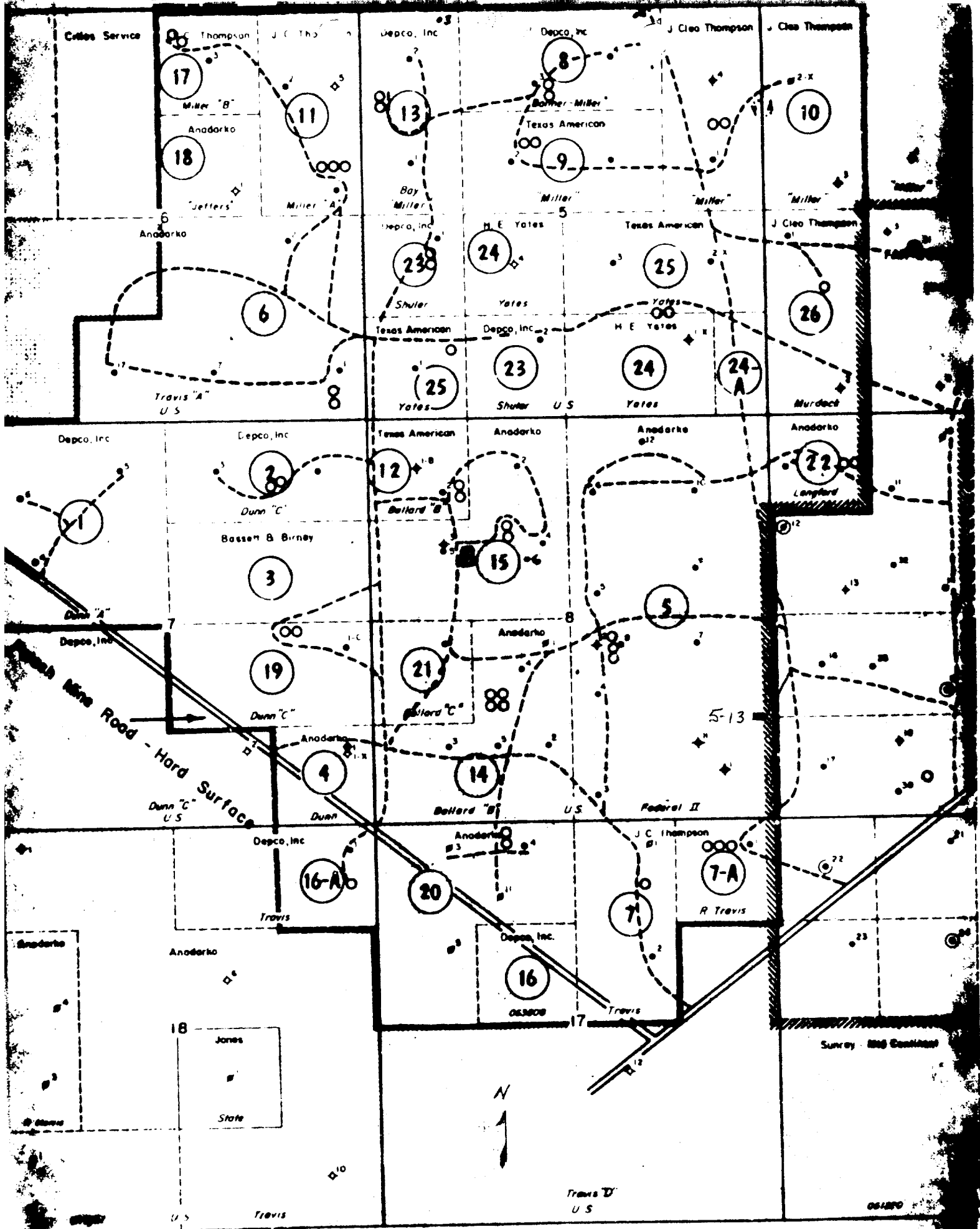
Yours very truly,

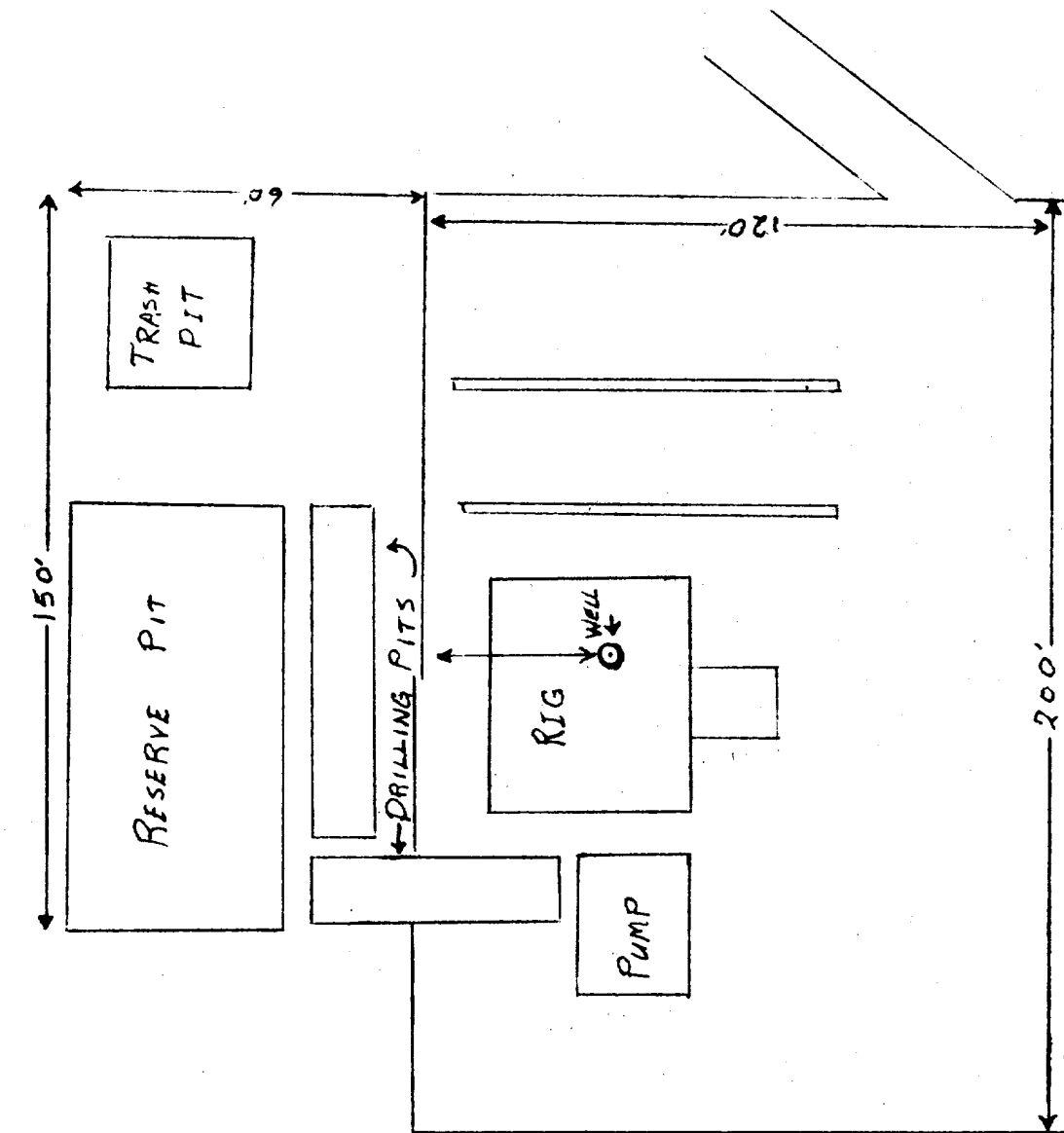

Jerry E. Buckles,
Area Supervisor

JEB/rk

Company Representatives:

Loco Hills	Office Phone	677-2411	Loco Hills
Jerry E. Buckles	Home Phone	396-4036	Lovington
John C. English	Home Phone	746-6320	Artesia
Dwane W. Bell	Home Phone	677-2551	Loco Hills





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