

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-2824
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Stevens Operating Corporation			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2408, Roswell, NM 88202			8. FARM OR LEASE NAME McClellan Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FSL, 530' FEL At proposed prod. zone 520' W.I. SAME			9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Lonewolf Devonian
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2310' FSL, 530' FEL			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T-13S, R-29E
16. NO. OF ACRES IN LEASE 880			12. COUNTY OR PARISH Chaves
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 9850'			21. APPROX. DATE WORK WILL START* 08/02/91
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3801' GR			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	32.75#	300-40' MW	Ready Mix to Surface
12 1/4"	8 5/8"	24.00#	2300'	Circulate to Surface
7 7/8"	5 1/2"	17.00#	9800'	Top of Cmt @ 6650'± 200' above top of Wolfcamp

Well will be drilled to a total depth of 9850' and all potential zones evaluated.
If commercial production is indicated, well will be selectively perforated and stimulated. Gas is not dedicated.

Attached are:

1. Surface Use Plan
2. Well Location & Dedication Plat
3. Sketch of BOP

Post ID 1
8-16-91
New Loc & API

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. SIGNED Bob Farmer TITLE Production Superintendent DATE 07/03/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Sandra L. Allen TITLE Area Manager DATE 8/1/91
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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BUREAU OF PRISON
ROSWELL POLICE
AREA

State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1988, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

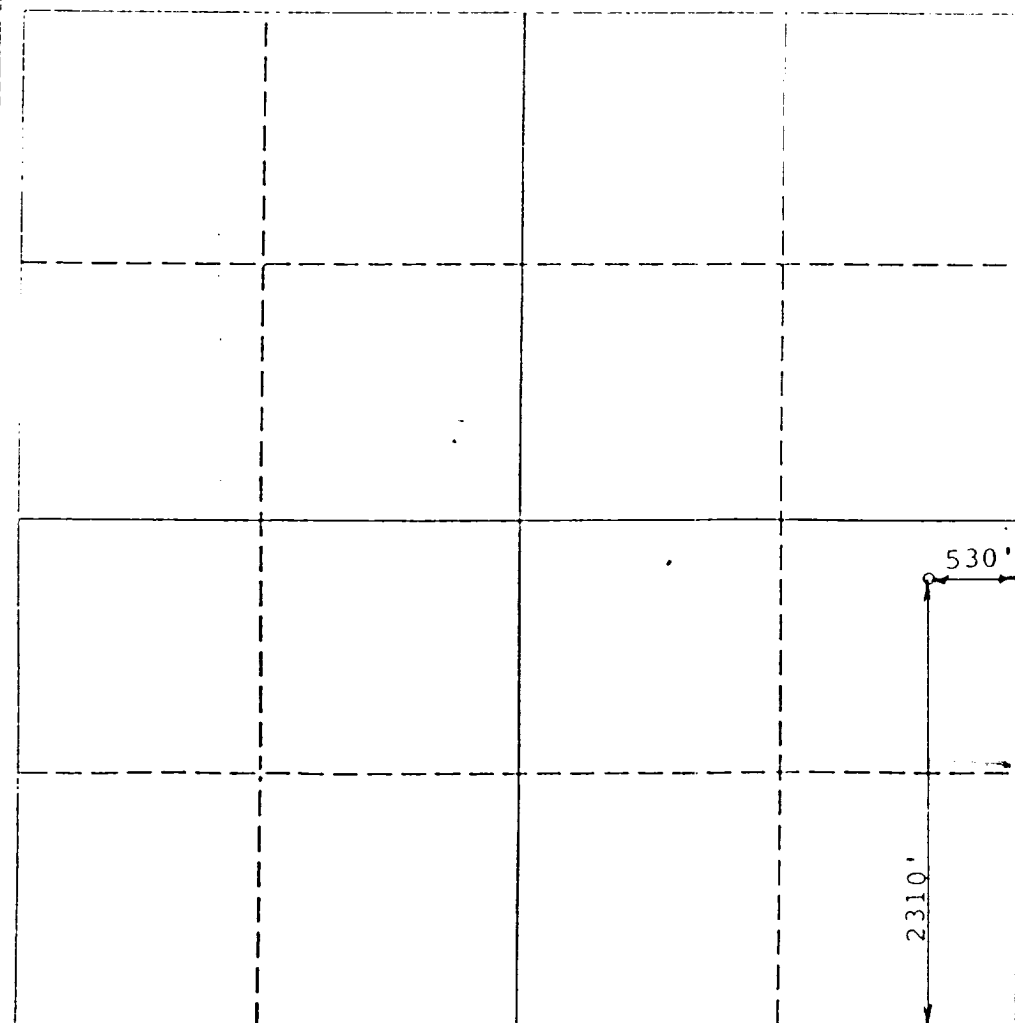
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Stevens Operating Corporation			Lease McClellan Federal		Well No. 3
Unit Letter I	Section 28	Township 13 South	Range 29 East	County Chaves	
Actual Footage Location of Well 2310 feet from the South line and 530 feet from the East line					
Ground level Elev 3796	Producing Formation Devonian		Pool Lonewolf Devonian		Dedicated Acreage 40 Acres

- 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 ownership thereof (as to as to working interest and royalty)
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced 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 interest have been consolidated (by communitization, unitization, forced pooling, or otherwise) or until a non standard unit, eliminating such interest, has been approved by the Division



OPERATOR CERTIFICATION

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

Bob Farmer

Signature

Bob Farmer

Printed Name

Production Superintendent

Position

Stevens Operating Corp.

Company

07/03/91

Date

SURVEYOR CERTIFICATION

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

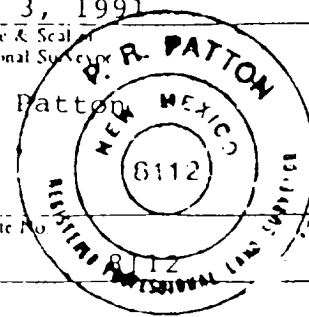
July 3, 1991

Signature & Seal

Professional Surveyor

P.R. Patton

Certificate No.



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ROSWELL RESOURCE
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SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION

Well #3 McClellan Federal Com
2310' FSL, 530' FEL, Sec. 28, T-13-S, R-29-E
Chaves County, New Mexico

1. SURFACE FORMATION: Alluvium

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

San Andres	2280'
Tubbs	5110'
Abo	5800'
Wolfcamp	6850'
Mississippi	9050'
Devonian	9650'

3. ANTICIPATED POROSITY ZONES:

Oil 9650 - 9850'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
13 3/8"	0' - 40'	54.5#			
8 5/8"	0' - 2300'	24.0#	J-55	LTC	New
5 1/2"	1000-8800'	17.0#	J-55	LTC	New
5 1/2"	8800-9850'	17.0#	N-80	LTC	New
	0-1000'	17.0#	N-80	LTC	New

5. SURFACE CONTROL EQUIPMENT: A double Ram-type preventer. A sketch of BOP is attached.

6. CIRCULATING MEDIUM:

0'-5700' Fresh water mud.
5700'-9850' Salt water mud, conditioned as necessary for control of viscosity and water.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING, AND CORING PROGRAMS: Coring and testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log. 0-TD Dual Lateral Log Shoe to TD.

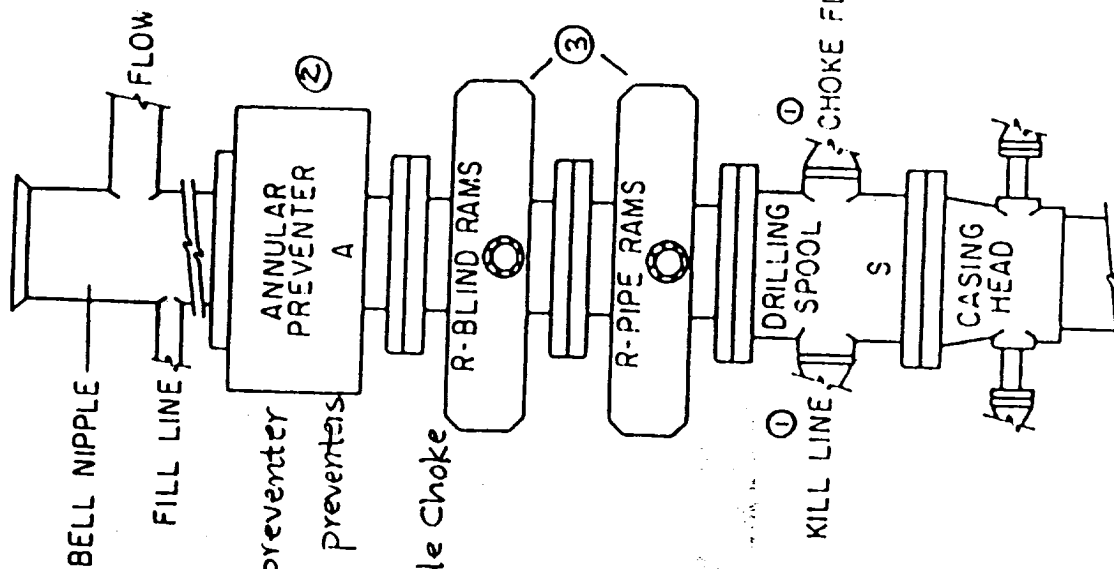
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED DATES: It is planned that drilling operations will commence about August 2, 1991. Duration of drilling and completion operations should be 30 to 45 days.

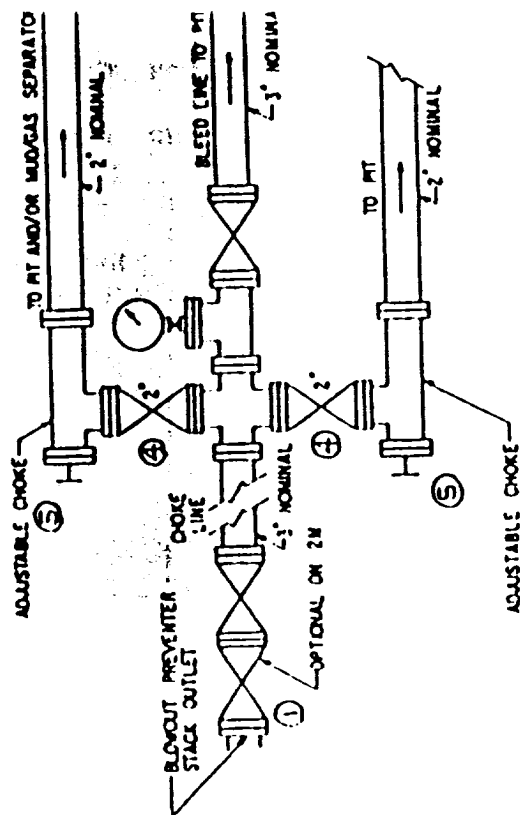
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BURK ADAMS AND HGT
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- ① 3" Series 900 Valve
- ② Series 900 Annular preventer
- ③ Series 900 Ram-Type preventers
- ④ 2" series 900 valve
- ⑤ 2" Series 900 Adjustable Choke



3000 PSI
Working Pressure
(Series 900 Flanges)

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BUREAU OF LAND MANAGEMENT
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SURFACE USE PLAN
FOR
DRILLING, COMPLETING AND PRODUCTION
STEVENS OPERATING CORPORATION
Well #3 McClellan Federal
2310' FSL, 530 FEL, Sec. 28, T-13-S, R-29-E
Chaves County, New Mexico

LOCATED: 17.0 miles East of Hagerman, NM

FEDERAL LEASE NUMBER: NM 2824-A

LEASE ISSUED: August 1, 1967

RECORD LESSEE: McClellan Oil Corporation

OPERATOR'S AUTHORITY: Designation of Operator from Lessee

BOND COVERGE: Stevens Operating Corporation Statewide Bond

ACRES IN LEASE: 880

SURFACE OWNERSHIP: U.S.A.

WELL SPACING: 40 acre spacing

EXHIBITS:

- A. Portion of Chaves County Road Map
- B. Portion of Connor Well Topo Map
- C. Portion of U.S.G.S. Lease Map No. 80
- D. Sketch of Well Layout
- E. Surface Agreement

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BUILDING AND MGT
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Road Log to the McClellan Federal Com #2

Starting Point is 19 miles East of Pecos River Bridge on Hwy. 31, East of Hagerman, New Mexico. This point is at mile post 20.5, where Jemina Road intersects with Hwy. 31.

- 0.0 Turn left (North) on Jemina Road and proceed in a Northerly and then Westerly direction for a total of 2 miles.
- 2.0 Turn right (North) on Teresa Road and proceed for 6.5 miles to the McClellan Federal Com #2.
- 7.5 Turn left (West) access road for .3 miles.
- 7.8 Turn left (south) to location of McClellan Fed. #3.
- 7.9 McClellan Federal #3 drillsite.
- 1. Existing Road: Existing roads which lead to the proposed drillsite are shown on Exhibits "A" and "B".
- 2. Proposed New Road: The access road will be constructed to conform with BLM standards.
- 3. Location of Existing Facilities: Existing wells in the vicinity of the proposed drillsite are shown on Exhibit "C".
- 4. Location of Proposed Facilities:
 - A. If the proposed well is productive, production and storage facilities will be located on the new well pad.
 - B. Gas and oil flowlines leaving the location pad will be buried a minimum of 12" deep.
- 5. Location and Type of Water Supply:
 - A. Water for leasehold operations will be purchased from the nearest commercial source (Abo 5).
- 6. Source of Construction Materials: Where possible, material-in-place will be used for upgrading the road and construction of the well pad. If additional material is required, it will be obtained from the nearest commercial source, a federal pit located in Sec. 22, T-13-S, R-29-E.
- 7. Method of Handling Waste Disposal:
 - A. Drill cuttings will be disposed of in the drilling pits.

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- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
 - C. Water produced during test will be disposed of in the drilling pits.
 - D. Plastic lining of the pits will be removed before reclaiming the pit area.
8. Ancillary Facilites: None anticipated.
9. Wellsite Layout:
- A. The dimensions and relative location of the drill pad, mud pit and trash pit with respect to the well bore are shown on Exhibit "D".
 - B. Four inches of top soil will be removed from the surface and stockpiled on southwest corner of location. Four inches of cliche will be used for surfacing of location.
10. Plans for Restoration of the Surface:
- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible.
11. Other Information:
- A. Topography: The wellsite elevation is 3801' GR +/-.
 - B. Soil: Top soil is sandy and gyppe loam.
 - C. Flora & Fauna: The vicinity surrounding the drillsite is semiarid desert ranchland. Flora consists primarily of mesquite and range grasses interspersed with other desert plants. Fauna for this type of habitat includes rabbits, lizards, snakes, rodents, skunks, coyotes, dove, quail, and the Lessor Prairie Chicken.
 - D. Ponds and Streams: The closest source of permanent water would be the Pecos River, approximately 17 miles to the West.
 - E. Residences and Other Structures: Nearest occupied dwelling is 5.0 miles to the Southwest.

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- F. Archaeological reconnaissance of the well pad will be forwarded directly to the BLM office.
- G. Land Use: Grazing and occasional hunting.
- H. Surface Owner: U. S. A.
12. Operator's Representative: Representative responsible for assuring compliance with the approved Surface Use Plan:

Bob Farmer
Production Superintendent
1250 United New Mexico Plaza
Roswell, New Mexico 88201
Office Phone: (505) 622-7273
Home Phone: (505) 625-9376

13. Cerfification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by STEVENS OPERATING CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

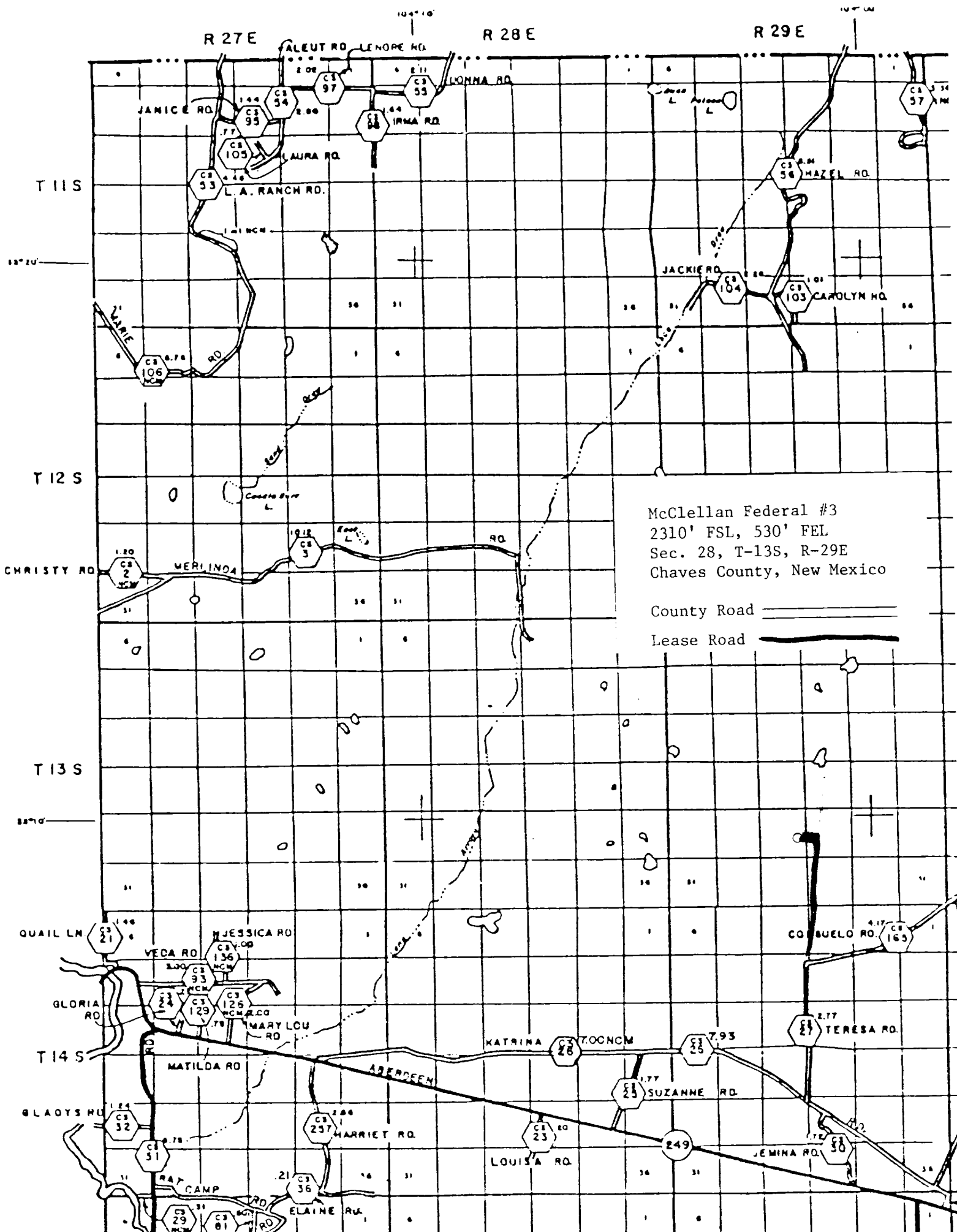
7-3-91
Date

Bob Farmer
Bob Farmer
STEVENS OEPRATING CORPORATION

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BURLINGTON AND HGT
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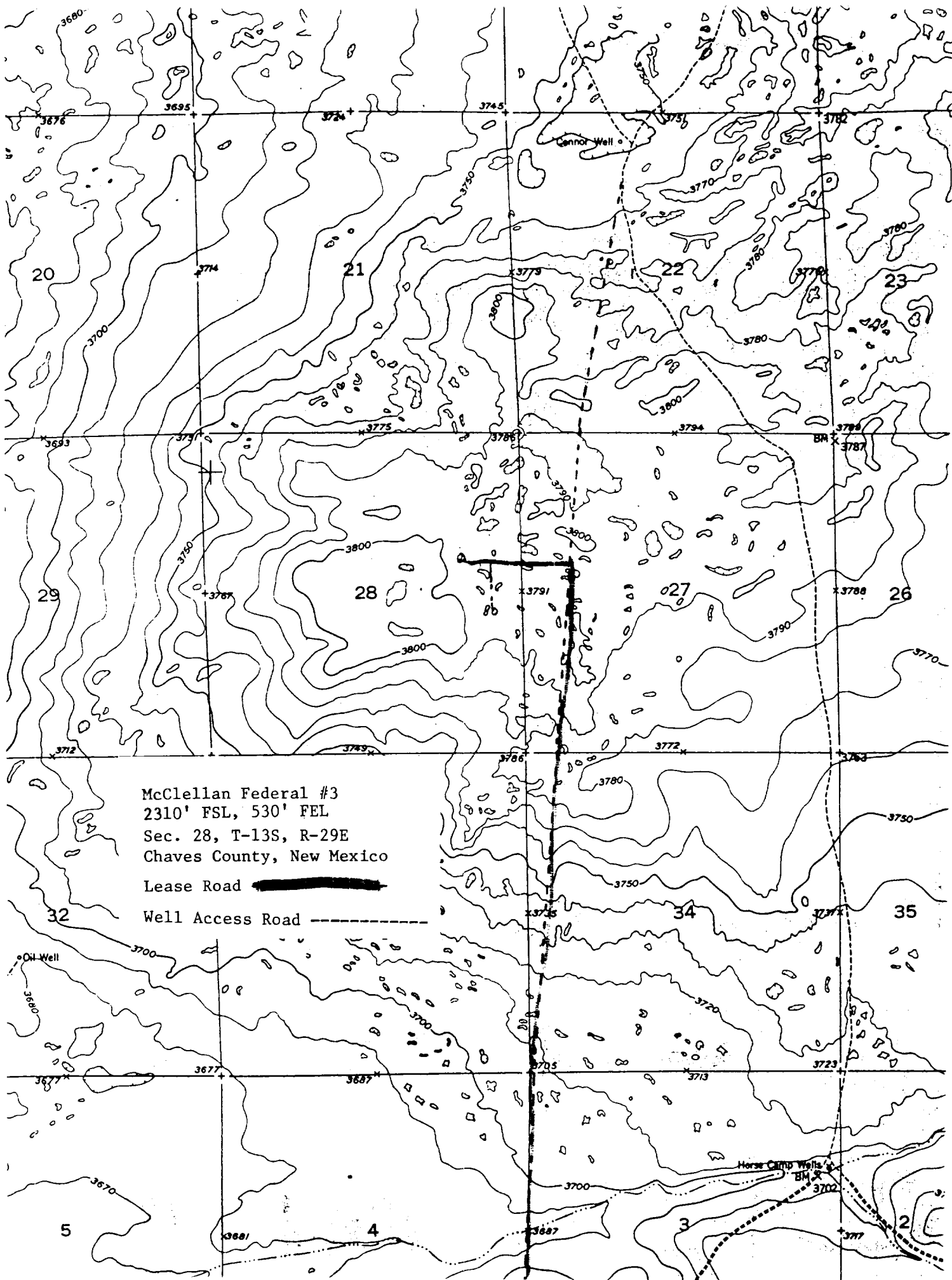
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McClellan Federal #3
2310' FSL, 530' FEL
Sec. 28, T-13S, R-29E
Chaves County, New Mexico

Lease Road 

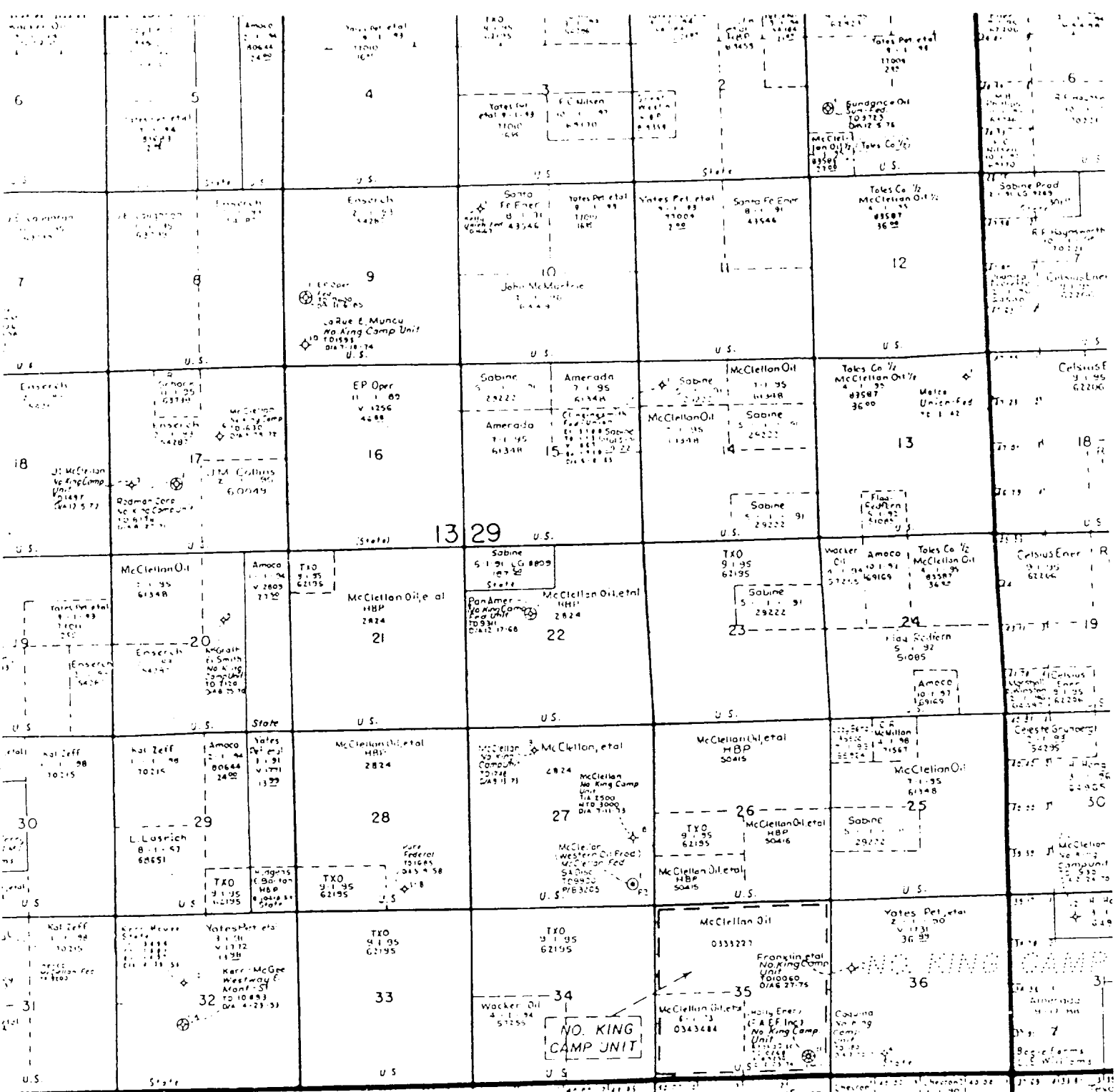
Well Access Road 



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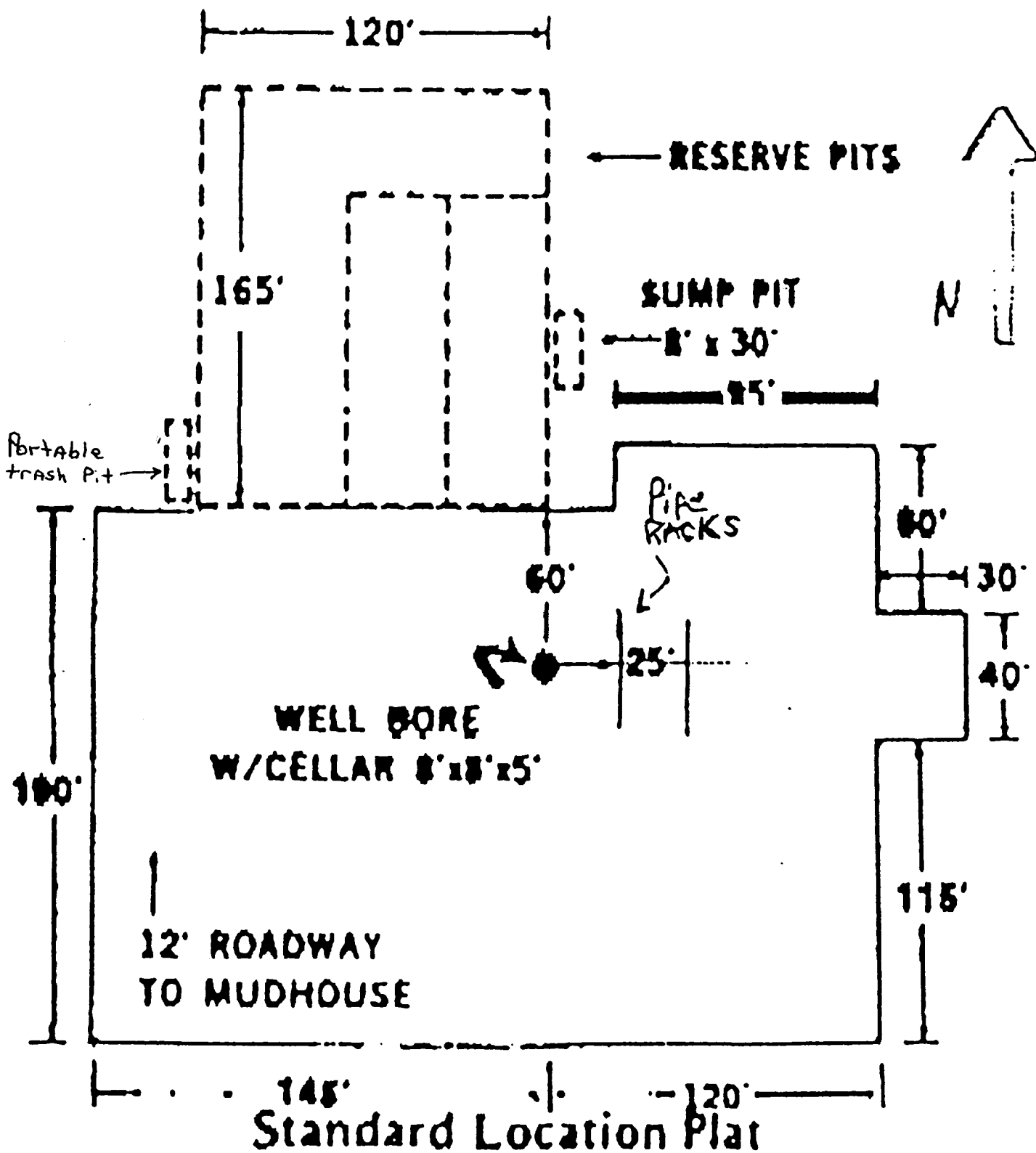
McClellan Federal #3
2310' FSL, 530' FEL
Sec. 28, T-13S, R-29E
Chaves County, New Mexico

County Road _____
Lease Road _____

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BUDGET
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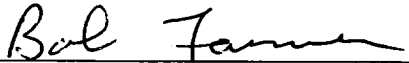
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SURFACE AGREEMENT FOR - SEC. 28, T-13-S, R-29-E

Records show that the above-described tract of land is owned as follows:

Surface:	U. S. Government
Minerals:	U. S. Government
Oil & Gas Leases:	McClellan Oil Corporation, et al
Designation of Operator:	N/A



Bob Farmer
STEVENS OPERATING CORPORATION

EXHIBIT "E"

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**BUREAU OF LAND MGT
ROSWELL RESOURCE
AREA**