



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR

7-8-87

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

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

NSL-2362

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL ☒ \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Surgis-Collier Inc. West Dallarhide Queen Sand Unit #74  
Operator Lease & Well No. Unit S-T-R

31-24-38

and my recommendations are as follows:

OK JS.

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed



## Sirgo-Collier, Inc.

P. O. Box 3531, Midland, Texas 79702 (915) 685-0878

State of New Mexico  
Energy and Mineral Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Re: Unorthodox Locations  
WDQSU 31-74  
1250 FNL, 2500 FEL, Sec. 31  
T-24-S, R-38-E  
Lea County, New Mexico

Ladies and Gentlemen:

This letter shall serve as our request to have the unorthodox locations described above approved by your office.

On the attached plat you will note our locations lie within the unit boundaries of the West Dollarhide Queen Sand Unit. We are requesting these locations be approved because these locations will allow us to establish a more efficient waterflood pattern in the field.

Should you have additional questions, please call.

Sincerely,

*Brian M. Sirgo*

Brian M. Sirgo

BMS:ba

attachment

cc: OCD - Hobbs  
Jerry Sexton

(November 1983)  
(formerly 9-331C)

PERMIT TO DRILL/PLUG BACK  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-069052
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sirgo-Collier, Inc.		7. UNIT AGREEMENT NAME WDQSU
3. ADDRESS OF OPERATOR P.O. Box 3531, Midland, Texas 79702		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1250 FNL, 2500 FEL, Sec. 31, T-24-S, R-38-E At proposed prod. zone		9. WELL NO. 31-74
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Queen 7 miles NE of Jal, NM		10. FIELD AND POOL, OR WILDCAT WDQSU
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T-24-S, R-38-E
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Lea
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3900'		13. STATE NM
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 3155'		22. APPROX. DATE WORK WILL START

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24#	400	250 sx. 100% excess
7-7/8	5-1/2	15.50#	3900'	Circ. Cement to surface.

Queen zone will be selectively perforated and stimulated as needed for optimum production.

ATTACHED: 1. Well location and acreage dedication plat.  
2. Supplemental drilling data.  
3. Surface use plan.

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 prevention program, if any.

24. Timothy D. Collier TITLE Agent DATE 6/23/87  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or omissions.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10,  
Supersedes C-12B  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

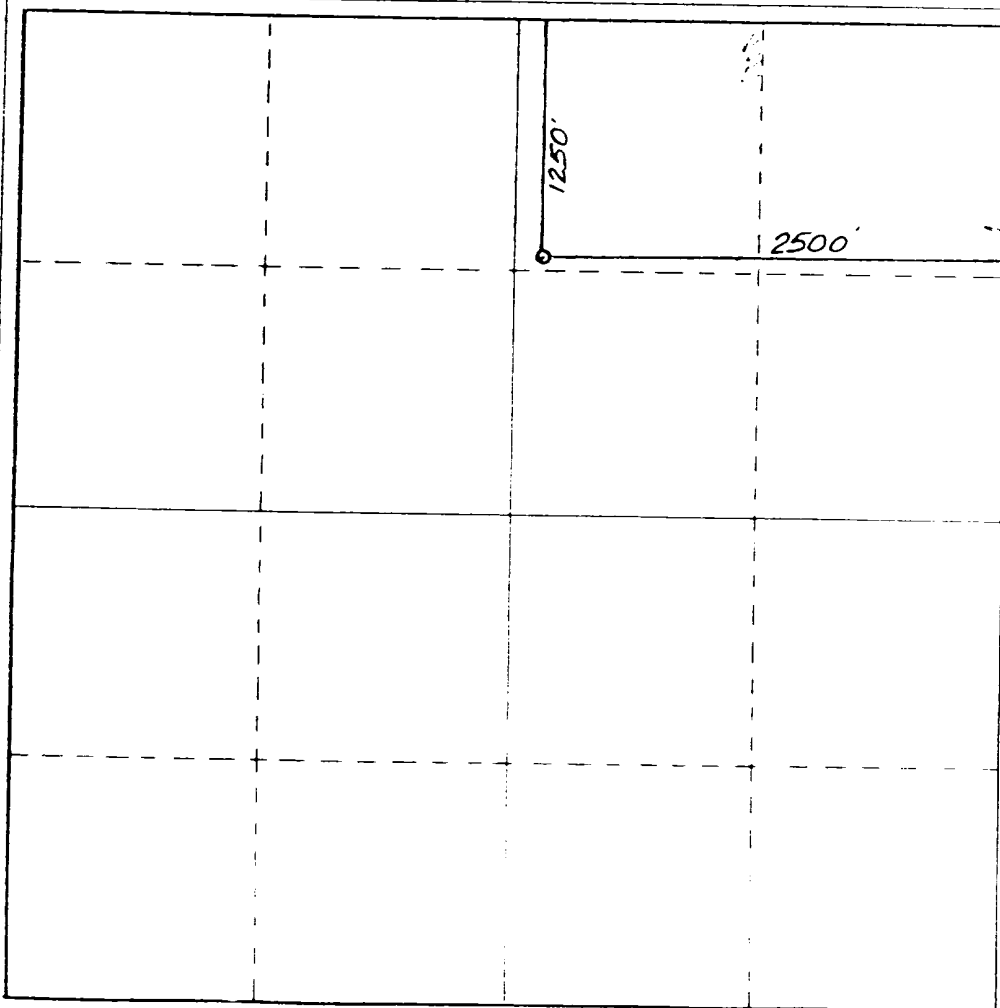
Operator <b>SIRGO-COLLIER INC.</b>			Lease <b>WDQSU 31-74</b>		Well No. <b>74</b>
Unit Letter <b>B</b>	Section <b>31</b>	Township <b>24 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>1250 feet from the North line and</span> <span>2500 feet from the East line</span> </div>					
Ground Level Elev. <b>3106.</b>	Producing Formation <b>Queen</b>	Pool <b>WDQSU</b>	Dedicated Acreage: <b>40</b> 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, R-2356

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.

*Timothy D. Collier*  
Name

**TIMOTHY D. COLLIER**

Position

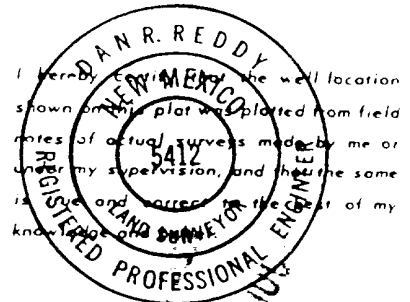
**AGENT**

Company

**SIRGO - COLLIER, INC.**

Date

**JULY 2, 1987**



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.

**June 17, 1987**

*Dan R. Reddy*  
Signature

**NM PE&LS NO. 5412**

330 660 990 1320 1650 1980 2310 2640 2970 3300

Supplemental Drilling Data  
Sirgo-Collier, Inc.  
WDQSU 30

Lea County, New Mexico

1. Surface Formation: Tertiary Pliocene, GL
2. Estimated Tops of Geologic Markers:

Rustler	1140'	T/Yates	2620
Top/Salt	1300'	T/Queen	3570
Base/Salt	2580'	B/Queen	3750
		TD	3850
3. Anticipated Porosity Zones: Queen 3677'.. Oil
4. Casing Design:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8-5/8"	0 - 400'	24.00#	J-55	STC
5-1/2"	0 - 3850	15.50#	J-55	STC
5. Surface Control Equipment: Double RAM-type, Series 900 + BOP with annular (See Exhibit).
6. Circulating Medium: Native, cut brine conditioned as necessary for control of viscosity and water loss.
7. Auxiliary Equipment: None
8. Testing, Logging and Coring Programs: Electric Logs - Dual Laterlog/MICRO Laterlog/Gamma Ray/Caliper Compensated Density Log. Possible core from 3750' - 3850'.
9. Abnormal Pressure, Temperature of Gases: None anticipated.
10. Anticipated Starting Date: Operations will commence upon approval approximately May 5, 1987. Duration of drilling, completion and testing, about 5 weeks.

THIRTEEN POINT PROGRAM

1. Existing Roads: Existing roads which lead to the proposed drillsite are shown on Exhibit "B".
2. Proposed New Road: Proposed new access road will be (see Exhibit "B"). Road will terminate at south end of proposed well pad. The road has been flaged and staked.
  - A. Width: 15 feet with 25 feet Right of Way.
  - B. Surfacing Material: Caliche
  - C. Road Design: New road will be constructed by grading Right of Way and surfacing driving area with caliche.
  - D. Culverts: None Necessary
  - E. Gates, Cattleguards: None Necessary
3. Location of Existing Wells: Existing wells in vacinity of proposed drillsite are shown on Exhibit "F".
4. Location of Existing and/or Proposed Facilities:
  - A. This is a producing unit and a tank battery is located in the NW/SW section 32-24-38 Unit L.
  - B. If the well is productive, a flow line will be laid on top of the ground to existing facility via nearest flow line.
5. Location and Type of Water Supply: It is not planned to drill a water supply well. Water for operations will be transported via 3" line from existing battery. Temporary line will be laid on surface along existing road right of way.
6. Source of Construction Materials: Materials for construction of the proposed new well pad and road will be obtained from an existing pit on private land (Clyde Cooper Pit).
7. Methods of Handling Waste Disposal:
  - A. Drill cuttings will be disposed of in the drilling pits.
  - B. Drilling fluids will be allowed to evaporate.
  - C. Water produced during test will be disposed in drill pit.
  - D. Oil produced during test will be stored in test tank to sell.
  - E. Trash, waste paper, garbage, and junk will be buried in trash pit with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by wind. Location of trash pit see Exhibit "C".

**ILLEGIBLE**

7. Methods of Handling Waste Disposal: (Continued)

F. All trash and debris will be buried or removed from wellsite in a prudent manner upon completion.

8. Auxiliary Facilities: None Anticipated

9. Wellsite Layout:

A. The wellsite has been surveyed and a 400' X 400' area has been staked and flagged.

B. The dimensions and relative location of the wellsite are shown on Exhibit "C".

10. Plans for Restoration of the Surface:

A. After completion, materials not needed will be removed. Pits will be filled and the location cleaned.

B. Any unguarded pits will be fenced until filled.

C. After abandonment, all equipment, trash and junk will be removed. Free surface land will be rehabilitated as to owners agreement.

11. Other Information:

A. Topography: Undisturbed wellsite elevation is 3161' situated on the west-facing shoulder of a prominent ridge system which overlooks monument draw.

B. Soil: Sandy clay loam soils hosting caliche inclusions.

C. Land Type and Use: The vicinity surrounding drillsite is semi-arid rangeland and its primary use is for the production of oil and gas for grazing.

D. Flora: Vegetation cover is grassland type.

E. Fauna: None Observed

F. Ponds and Streams: None

G. Water Wells: One mile to south, water for flood operations not known if portable.

H. Residences and Other Structures: None in area.

I. Archaeological, Historical and Cultural Sites: No sites observed.

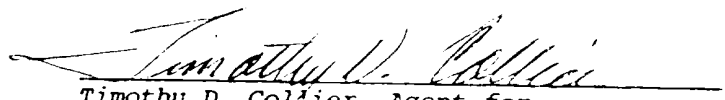
12. Operator's Representative: Representative responsible for assuring compliance with the approved surface use plan.

Timothy D. Collier  
P.O. Box 3531  
Midland, Texas 79702  
Work - 915/685-0878  
Home - 915/684-7757

13. Certification:

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 this plan are, to the best of knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by SIRGO-COLLIER, INC. and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 23, 1987

  
Timothy D. Collier, Agent for  
Sirgo-Collier, Inc.

RECEIVED  
JUL 1 1987  
SIRGO-COLLIER, INC.



RECEIVED  
JUL 7 1987  
OCD  
HOBBS OFFICE

ROAD LOG TO SIRGO-COLLIER, INC.  
WDQSU 30

Starting Point is Jal, New Mexico. Go north on State Road 18  $3\frac{1}{2}$  miles to El Paso Natural Gas Plant #3 road. (If you check road mile marker #13 is about a  $\frac{1}{2}$  mile north of this turn off.)

Turn east at plant #3 road, follow black top approximately 5 miles until it dead ends, turn north for one mile, turn east and continue  $1\frac{1}{2}$  miles. You enter WDQSU about 300' north of well #22.

Drill Site: 1250 FNL 2500 FEL SEC. 31 T-24-S, R-38-E  
G.L. 3106

RECEIVED  
JUL 7 1997  
OCD  
HOBBS OFFICE

Surface Use Plan For  
Drilling, Completing and Producing

Sirgo-Collier, Inc.  
WDQSU 30

Lea County, New Mexico  
GL

Located: Approximately 5 air miles northeast of Jal, New Mexico

Lease Number: LC-067968

Record Lessee: Sinclair

Bond Coverage: Sirgo-Collier, Inc., Federal Statewide

Acres in Lease: 320

Surface Owner: Bill & L.B. Grove and Estate of Clyde Cooper, Jal, New Mexico

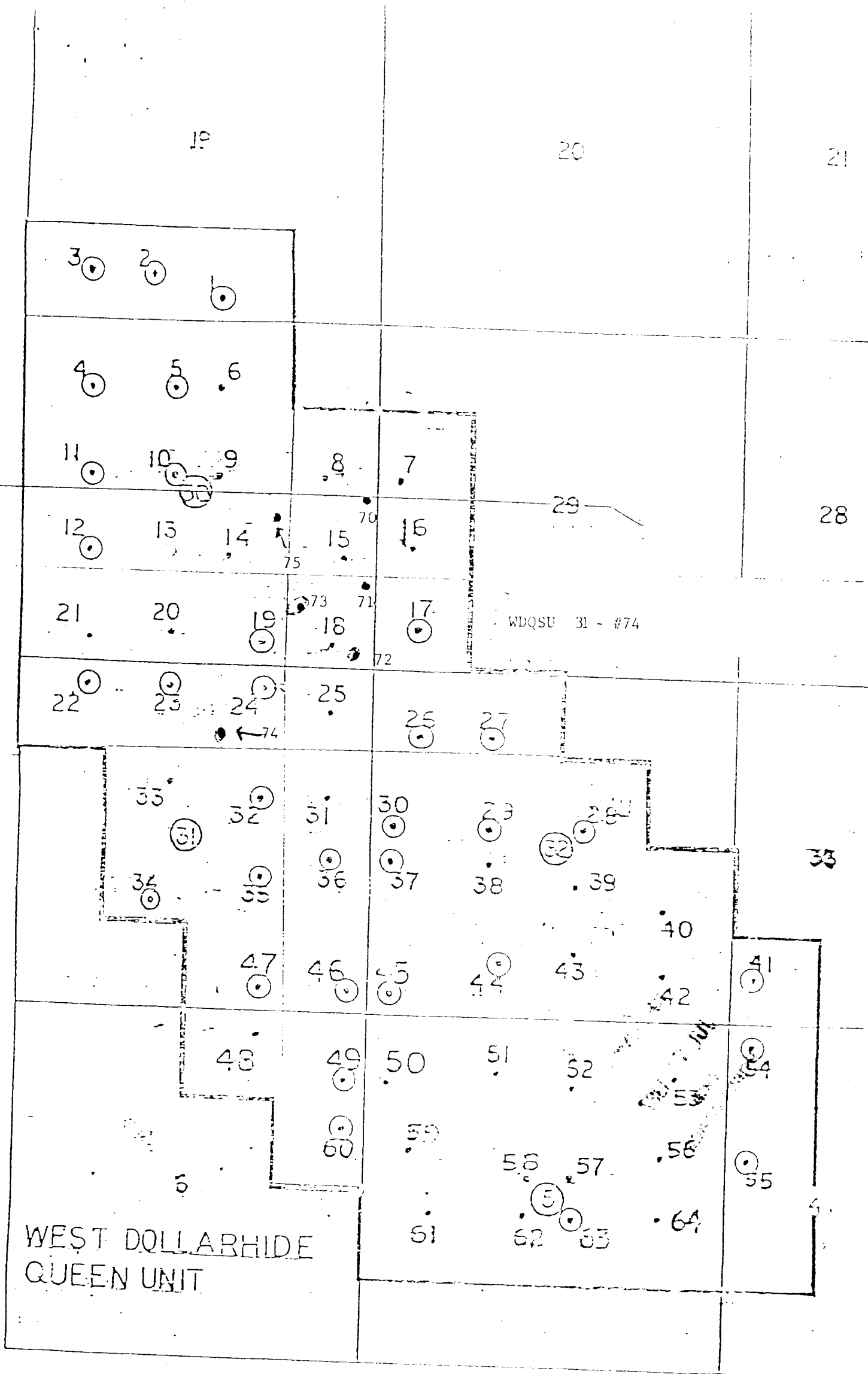
Well Spacing: 40 acre West Dollarhide Queen Sand Unit

Exhibits:

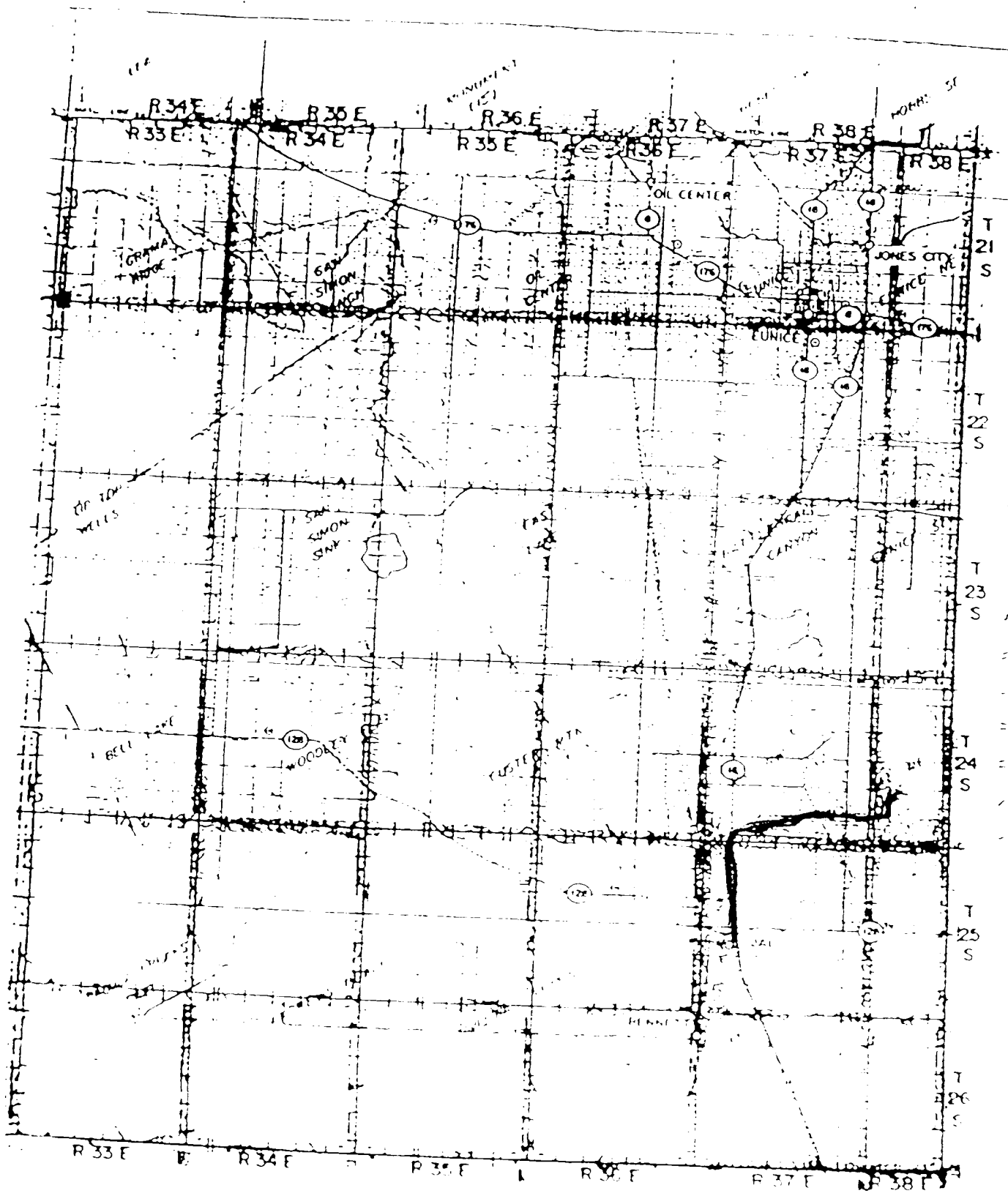
- A - WDQSU Lease Map
- B - Topo
- C - Sketch of Well Pad
- D - Sketch of electrical lines if any and flow lines
- E - Road Map
- F - Well locations adjacent to drill location

WDQSU 30  
Lea County, New Mexico  
Sirgo-Collier, Inc.  
Lea County, New Mexico

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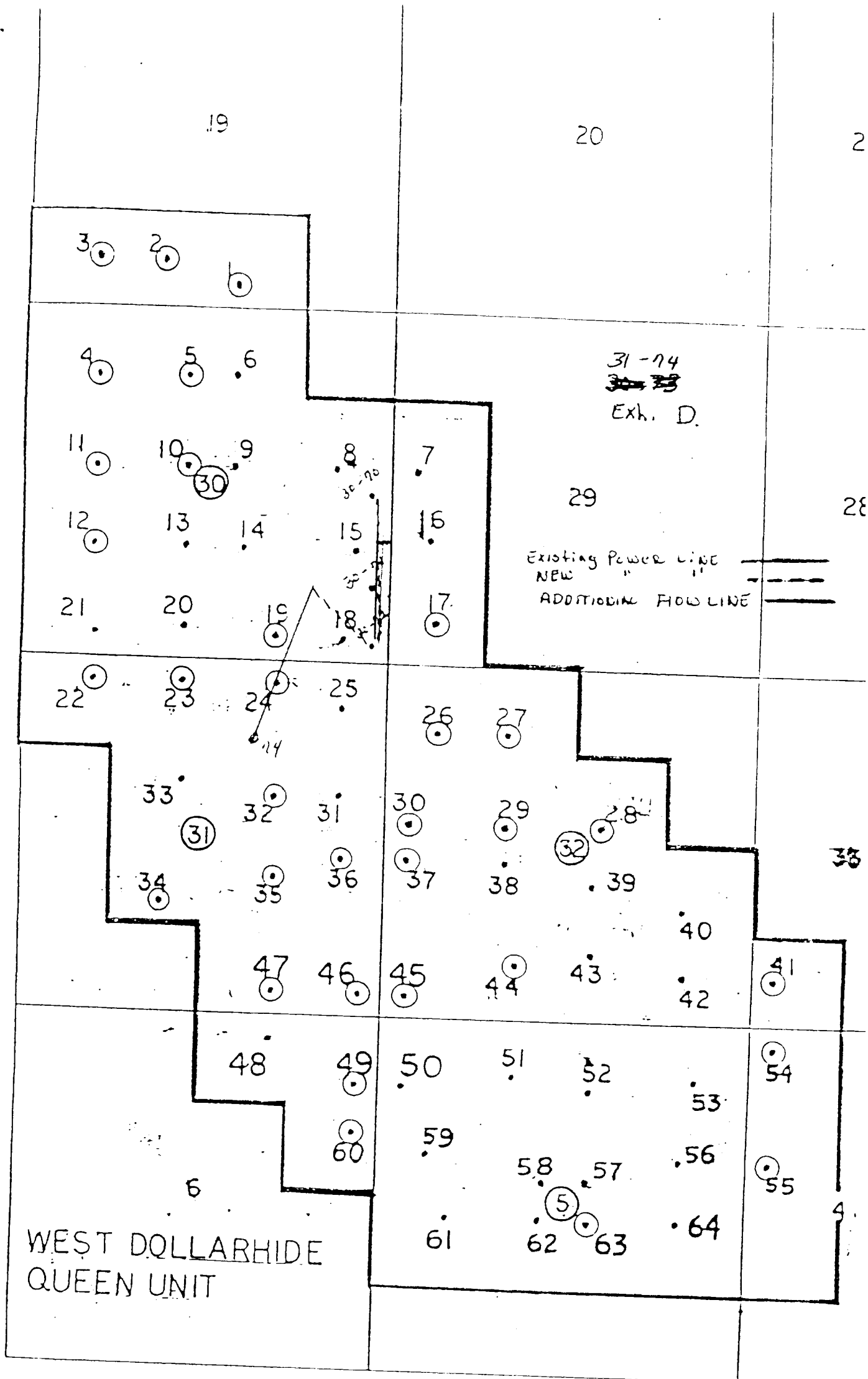


Plat of Unit wells by Unit well number.









Plat of Unit wells by Unit well number

RECEIVED  
JUL 7 1987  
OCD  
HOBBS OFFICE

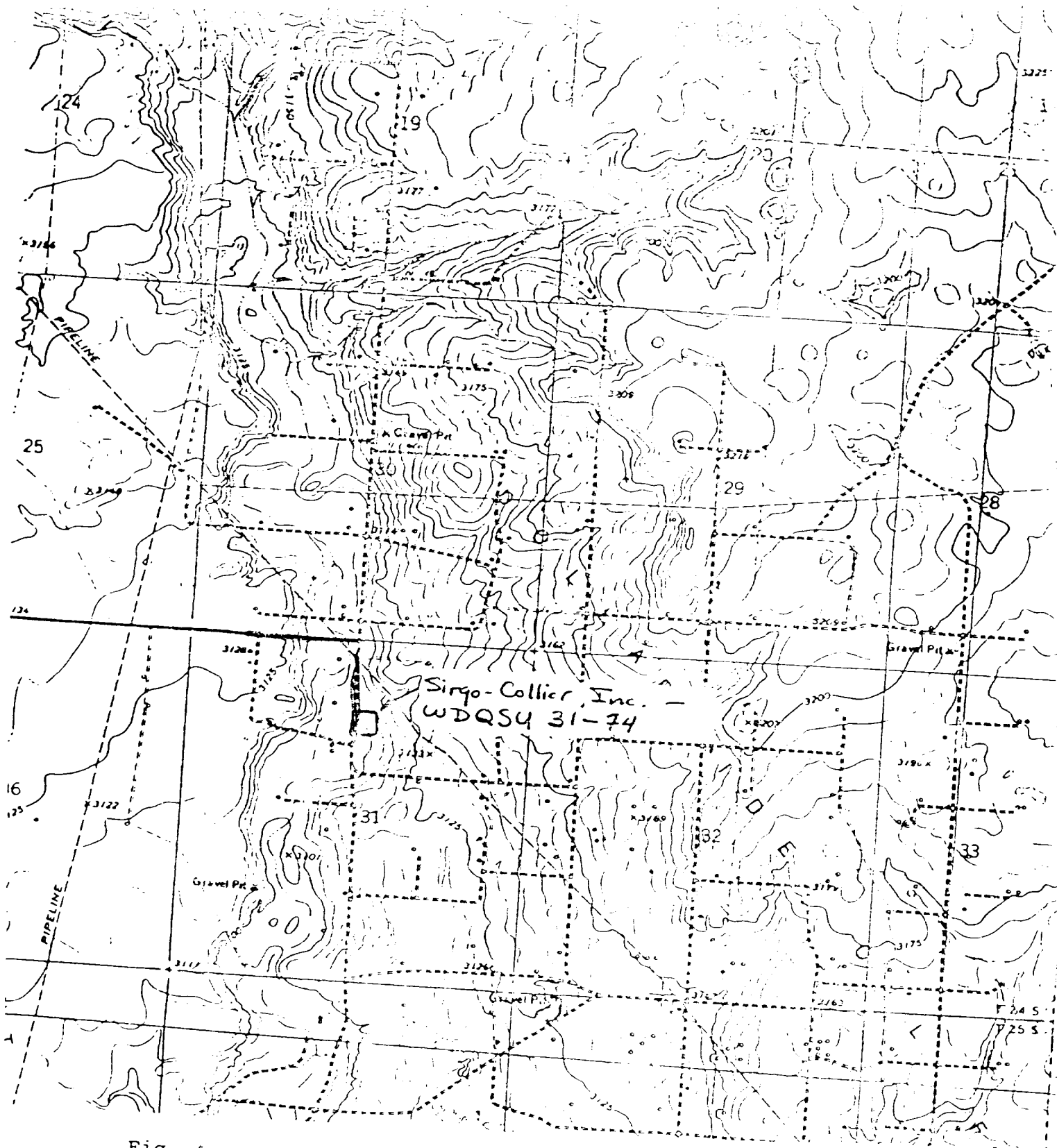
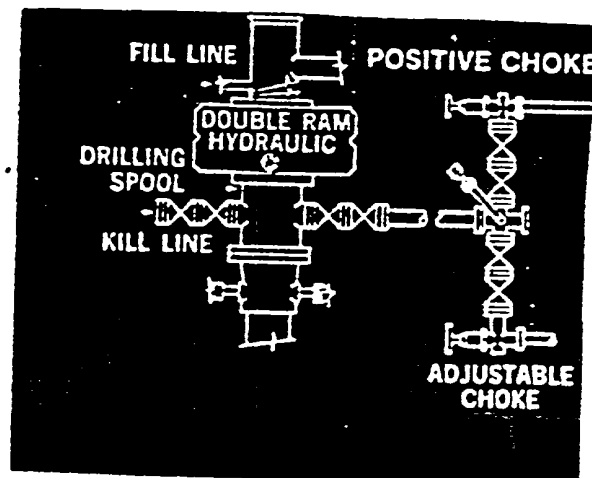


Fig. 4. USGS JAL NE QUADRANGLE, 7.5 Minute Series, 1:24,000, 1969, Photorevised, 1979, showing SIRGO-COLLIER, INCORPORATED's proposed WDQSU "31" Well No. 74, 1000 FNL, 2500 FLL, Section 31, T24S, R38E, NMPM, Lea County, New Mexico.





# WRS COMPLETION REPORT

COMPLETIONS SEC 31 TWP 24S RGE 38E  
PI# 30-T-0020 08/31/87 30-025-29983-0000 PAGE 1

NMEX LEA \* 1250FNL 2500FEL SEC NW NE  
STATE COUNTY FOOTAGE SPOT  
SIRGO-COLLIER INC D DO  
OPERATOR WELL CLASS INIT FIN  
74 WEST DOLLARHIDE (QUEEN SAND) UNIT  
WELL NO. LEASE NAME  
3119KB 3108GR DOLLARHIDE  
OPER ELEV FIELD POOL/ AREA  
API 30-025-29983-0000

LEASE TYPE/NO. PERMIT OR WELL I.D. NO.  
07/10/1987 07/24/1987 ROTARY OIL  
SPUD DATE COMP. DATE TYPE TOOL STATUS  
3900 QUEEN PETERSON DRLG 2 RIG SUB 10  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 3866 PB 3783 FM/TD QUEEN  
DRILLERS T.D. LOG T.D. PLUG BACK TO OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

7 MI NE JAL, NM

## CASING/LINER DATA

CSG 8 5/8 @ 398 W/ 250 SACKS  
CSG 5 1/2 @ 3866 W/ 1000 SACKS

## TUBING DATA

TBG 2 7/8 AT 3639

## INITIAL POTENTIAL

IPP 232BOPD 80 MCFD 24HRS  
QUEEN PERF 3572- 3609  
PERF 3572- 3609  
SWFR 3572- 3609 13000GALS 40000LBS SAND  
ADDTVC02

62 TONS  
GTY 34.0 GOR 344  
FM - QUEEN SAND

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	QUEEN		3568	-449

## LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	CNL	FDC	DI
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CONTINUED IC# 300257020287

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Petroleum  
Information Corporation

Petroleum Information

BB a company of  
The Dun & Bradstreet Corporation

PI-WRS-GET  
Form No 187

COMPLETIONS  
PI# 30-T-0020 08/31/87 SEC 31 TWP 24S RGE 38E  
30-025-29983-0000 PAGE 2

SIRGO-COLLIER INC  
74 WEST DOLLARHIDE (QUEEN SAND) UNIT D DO

-----  
DRILLING PROGRESS DETAILS  
-----

SIRGO-COLLIER INC  
BOX 3531  
MIDLAND, TX 79702  
915-684-7757  
07/14 LOC/1987/  
08/24 TD REACHED 07/17/87 RIG REL 07/17/87  
3866 TD, PB 3783  
COMP 7/24/87, IPP 232 BO, 80 MCFGPD, GOR  
344, GTY 34  
PROD ZONE - QUEEN 3572-3609  
NO CORES OR DSTS RPTD