

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN PLICATE
(Other instructions on
reverse side)

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

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sirgo-Collier, Inc.		7. UNIT AGREEMENT NAME WDOSU
3. ADDRESS OF OPERATOR P.O. Box 3531, Midland, Texas 79702		8. FARM OR LEASE NAME West Fort Worth Sec. 31, T-24-S, R-38-E
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 Queen		9. WELL NO. B-74
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles NE of Jal, NM		10. FIELD AND POOL, OR WILDCAT WDOSU West Fort Worth Sec. 31, T-24-S, R-38-E
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 320	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3900'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 3155' → 3106' SD		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 CIRCULATE
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.

RECEIVED
JUN 6 10 33 AM '87
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C.

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

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Richard J. Marm TITLE _____ DATE 7-13-87
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

I 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.

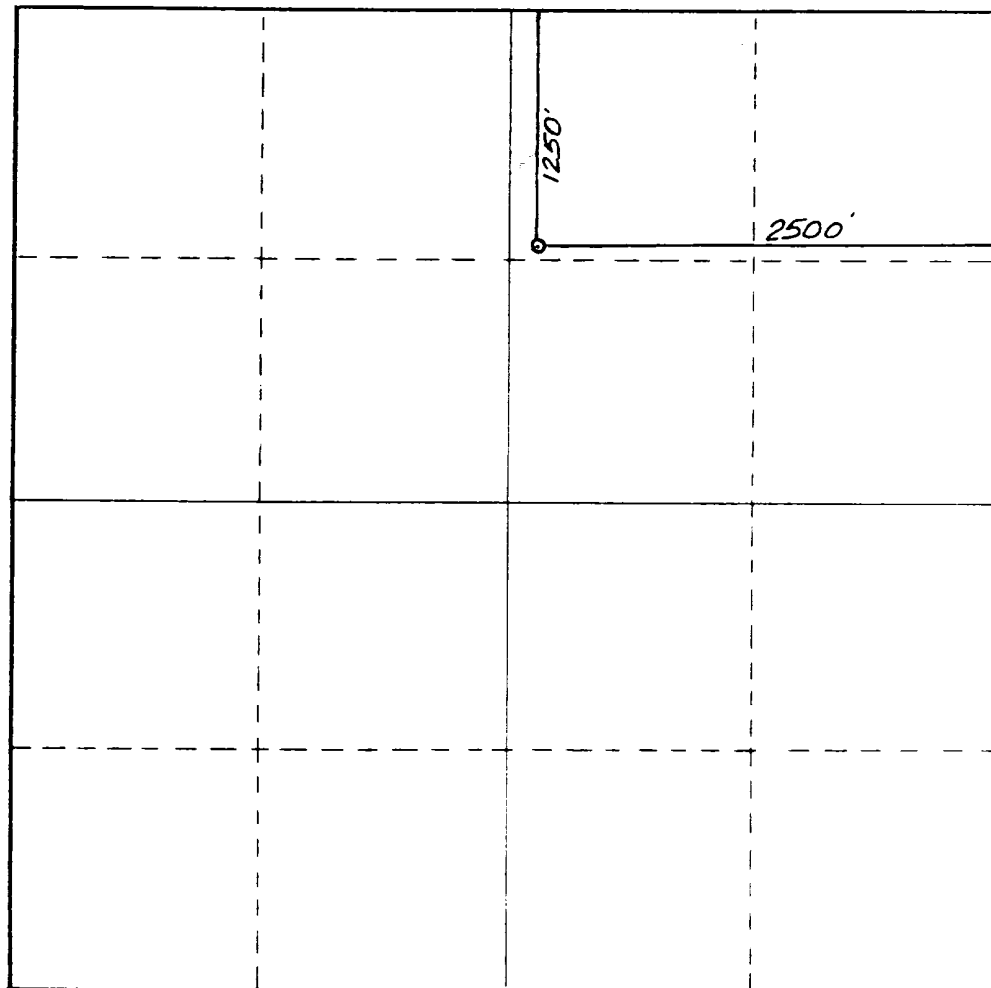
Operator SIRGO-COLLIER INC.			Lease <i>West of Edwards Queen Smelter</i> WDQS 31-74		Well No. 74
Unit Letter B	Section 31	Township 24 South	Range 38 East	County Lea	
Actual Footage Location of Well: 1250 feet from the North line and 2500 feet from the East line					
Ground Level Elev. 3106.	Producing Formation Queen	Pool <i>West of Edwards Queen</i> WDQS	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, 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

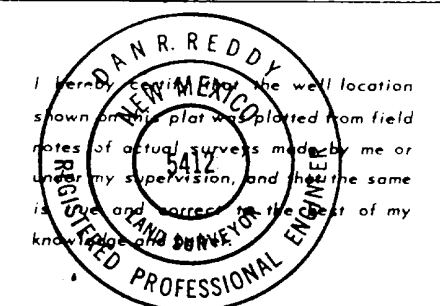
AGENT

Company

SIRGO - COLLIER, INC.

Date

JULY 2, 1987



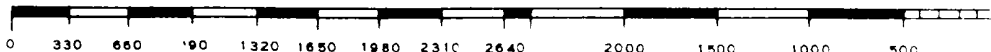
Date Surveyed

June 17, 1987

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy

Certificate No. **NM PE&LS NO. 5412**



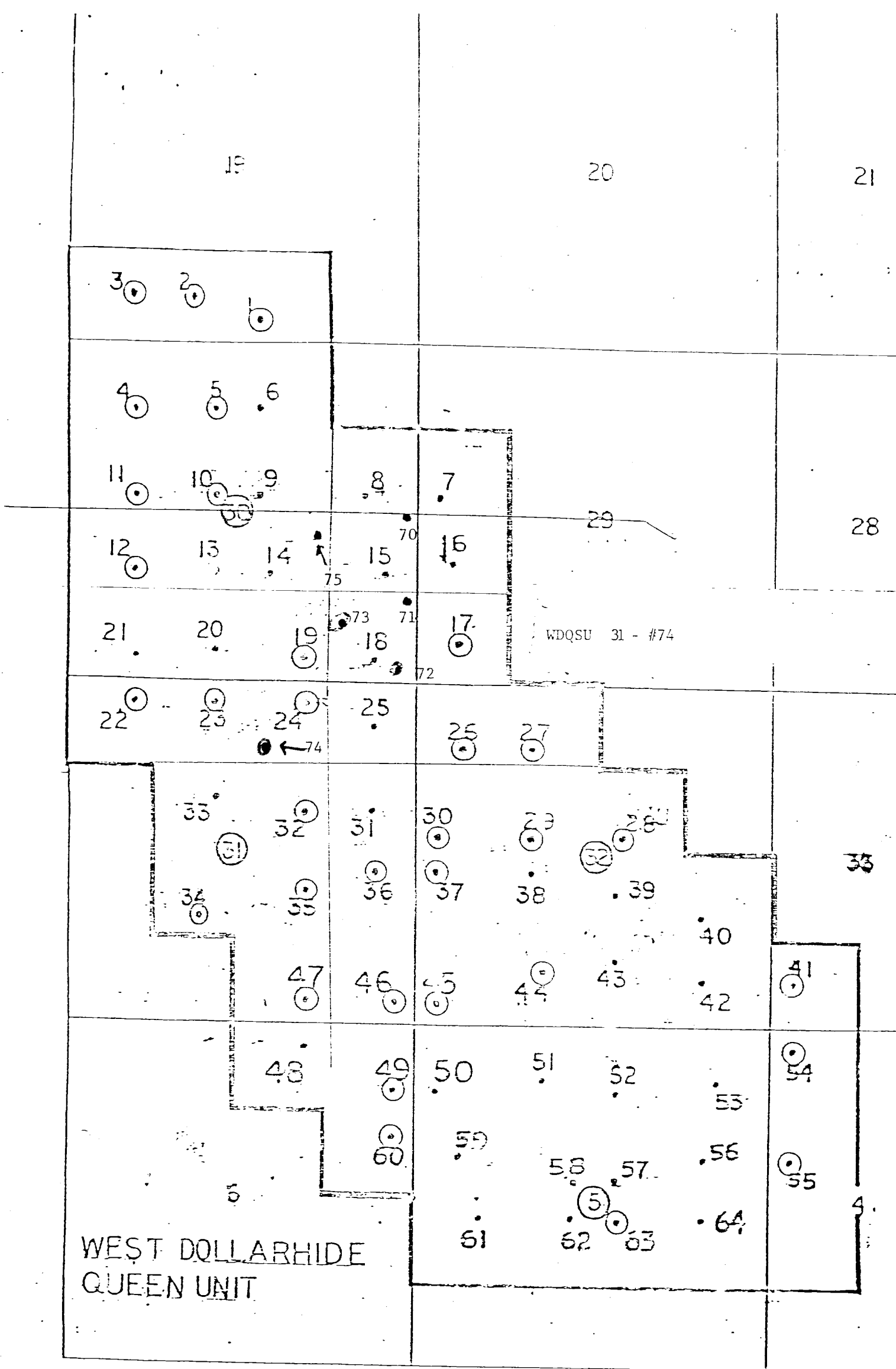
Supplemental Drilling Data
Sirgo-Collier, Inc.
WDQSU 30

Lea County, New Mexico

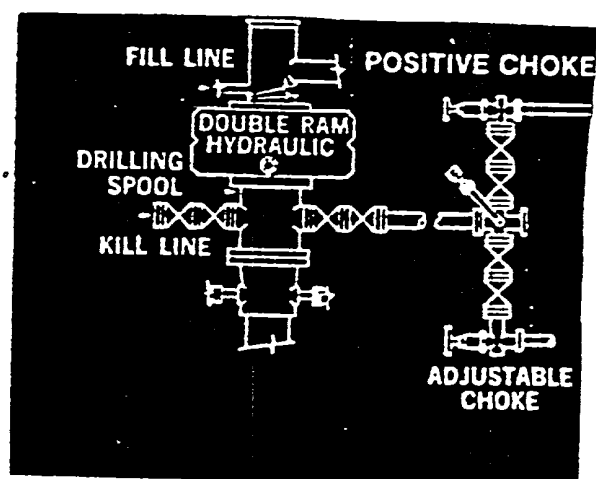
1. Surface Formation: Tertiary Pliocene, GL
2. Estimated Tops of Geologic Markers:

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.



Plat of Unit wells by Unit well number.



18-60-1, 8220

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