

03/11/1997 11:35 5059622047

3/11/97 3/31/97 MS RV NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Production Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS-Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

RECEIVED

MAR 11 1997

Oil Conservation Division

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply[A] ☐ Working, Royalty or Overriding Royalty Interest Owners[B] ☒ Offset Operators, Leaseholders or Surface Owner[C] ☐ Application is One Which Requires Published Legal Notice[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Lands Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

C. BARRY OSBORNE
Print or Type Name

Signature
SECRETARY + GENERAL COUNSEL
Title3-11-97
Date

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

March 11, 1997

HAND DELIVERED

Mr. Michael E. Stogner
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87501

RE: **Genesis "27" State Com Well No. 1**
Administrative Application of
Matador Petroleum Corporation for Approval
of an Unorthodox Gas Well Location,
Lea County, New Mexico

RECEIVED

MAR 11 1997

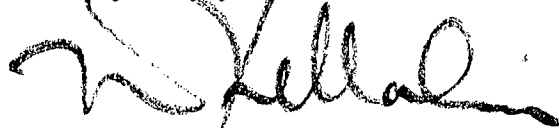
Oil Conservation Division

Dear Mr. Stogner:

On behalf of Matador Petroleum Corporation, please find enclosed our administrative application for approval of an unorthodox gas well location for its Genesis "27" State Com Well No. 1 which is an existing well located 660 feet from the North and East lines (Unit A) Section 27, T15S, R33E, Lea County, New Mexico. This well is a plugged and abandoned Cisco well (TD 10,300 feet) which Matador proposes to re-enter and deepen to test the Atoka formation. If productive, Matador will dedicate this well to a standard 320-acre gas proration and spacing unit consisting of the N/2 of said Section 27 for gas production from all 320-acre gas pools.

Matador Petroleum Corporation is the only offsetting operator affected by this application and therefore no notice is required by the NMOCD rules.

Very truly yours,



W. Thomas Kellahin

fx: Matador Petroleum Corporation
Attn: C. Barry Osborne

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE ADMINISTRATIVE
APPLICATION OF MATADOR PETROLEUM
CORPORATION FOR APPROVAL OF AN
UNORTHODOX GAS WELL LOCATION,
LEA COUNTY, NEW MEXICO**

RECEIVED

MAR 11 1997

Oil Conservation Division

ADMINISTRATIVE APPLICATION

Comes now Matador Petroleum Corporation, by and through its attorneys, Kellahin and Kellahin, and in accordance with Division General Rule 104.F applies to the New Mexico Oil Conservation Division for administrative approval of an unorthodox gas well location for its Genesis "27" State Com Well No. 2 which is an existing well located 660 feet from the North line and 660 feet from the East line (Unit A) Section 27, T15S, R33E, Lea County, New Mexico, to be dedicated to a standard 320-acre gas proration and spacing unit consisting of the N/2 of said Section 27 for gas production from all 320-acre gas pools/ formations and in support states:

(1) Matador Petroleum Corporation ("Matador") is the proposed operator of the subject well and is the working interest owner in the N/2 of Section 27.

(2) Matador proposes to re-enter its Genesis "27" State Com Well No. 1 which is a plugged and abandoned well located 660 feet from the North and East lines (Unit A) Section 27, T15S, R33E, Lea County, New Mexico, and deepen it to test the Atoka formation and if productive, will dedicate th well to a standard 320-acre gas proration and spacing unit consisting of the N/2 of said Section 27 for gas production from all 320-acre gas pools/formations. **See Exhibit 1.**

(3) The subject well is offset by potential 320-acre spacing units controlled by Matador. **See Exhibit 2.**

**Administrative Application of
Matador Petroleum Corporation
Page 2**

(4) The subject well provides a unique opportunity to re-enter an existing well and to deepen it to test for potential Atoka gas production rather than undertake the additional expense of drilling a new well at a standard well location.

(5) Available data indicates that an Atoka well needs to be located in the eastern side of Section 27 in order to be located in the thicker portion of the Atoka channel and should be located in the NE/4 in order to be located away from an inferred gas-water contact in the southern portion of the Atoka channel.

(6) This combination of geologic reasons along with the ability to use an existing wellbore provides an advantage over drilling a new well at the closest standard gas well location in Section 27:

- (a) geologic gross isopach, Exhibit 3
- (b) geologic net isopach map Exhibit 4
- (c) geologic structure map, Exhibit 5

(7) Approval of this application will afford the interest owners in this spacing unit an opportunity to recovery gas which might otherwise not be recovered and to do so without violating correlative rights.

WHEREFORE, Matador Petroleum Corporation requests that this matter be approved administratively by the Division.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'W. Thomas Kellahin', written over a horizontal line.

W. Thomas Kellahin
Kellahin and Kellahin
P.O. Box 2265
Santa Fe, New Mexico 87504-2265
(505) 982-4285
Attorneys for Applicant

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

U.S.G.
LAND OFF.
OPERATOR

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.
Kw2740

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEX OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator W. A. Moncrief	8. Firm or Lease Name State
3. Address of Operator 617 Midland Tower, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 27 TOWNSHIP 15-S RANGE 33-E N.M.P.	10. Field and Pool, or Wildcat Wildcat
11. Elevation (Show whether OF, RT, GR, etc.) 4171' GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice. Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMPLETE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.

5-16 & 17-71 Set following cement plugs: 25 sacks at 10,330'
25 sacks at 9,385'
25 sacks at 7,870'
25 sacks at 7,118'
25 sacks at 5,880'
25 sacks at 4,300'
10 sacks at Surface

Mud Type: Gel

Mud Weight: 8.7

Cement: Class H - Pumped by Halliburton - Measured by displacement
Maximum Pressure: 1100 psi Minimum Pressure: 0

Casing left in Hole: 4300' of 8-5/8" 24# & 32# casing.
304' of 11-3/4", 42# casing.

EXHIBIT

1-A

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

SIGNED Hubert L. Mendinbale TITLE Manager DATE 5-27-71

APPROVED BY Nathan E. Oleg TITLE OIL & GAS INSPECTOR DATE JAN 19 1971

95

10:16

01 915 057 4509

MATADOR PETRO

--- DAL ENG FAX

0004/004

5190J SNP
N 2-14/LL

COUNTY LEA *NW* FIELD Wildcat STATE NM 30-025-237

OPR MONCRIEF, W. A., JR. MAP

1. State

Sec 27, T-15-S, R-33-E CO-ORD

660' FNL, 660' FEL of Sec

Spd 4-18-71

CLASS EL 4181

(Cmp 5-17-71)

FORMATION	DATUM	FORMATION	DATUM
CSG & SX. TUBING			
11 3/4" at 304' w/300 SX			
8 5/8" at 4300' w/300 SX.			
* PROB-1300			
SX			
(MAY BE FOOTAIL)			
LOGS EL GR RA IND HC A			
	TD 10,330'		

PLUGGED & ABANDONED

Distribution limited and publication prohibited by subscribers' Agreement.
Reproduction rights reserved by Williams & Lee Logging Service, Inc.

CONT. Robinson Bros. PROP DEPTH 10,500' TYPE RC
DATE

F.R. 4-20-71; Opr's Elev. 4171' GL, 4183' DF
PD 10,500' RT (Pennsylvanian)
Contractor - Robinson Bros.
4-20-71 TD 2531' anhy & salt; Trip
4-26-71 Drlg. 4650' 1m
5-3-71 Drlg. 7335' 1m
5-10-71 TD 9350' 1m & cht; Trip
5-17-71 TD 10,330'; P&A (Hold for Tops)
DST 10,190-330', open 2 hrs 20 mins, GTS 50
mins, rec out est 3 BGCDM + 8 B HO&GCM + 10 BCG
black wtr + 20 B wtr w/sul odor, 1 hr ISIP 3531#,
FP 778-2227#, 3 hr FSIP 3531#



IEA Wildcat NM Sec 27, T15S, R33E
MONCRIEF, W. A., JR. 1 State Page #2

5-24-71 TD 10,330'; PLUGGED & ABANDONED
LOG TOPS: Yates 2680', San Andres 4210',
Tubb 7118', Abo Shale 7870', Wolfcamp 9385',
Cisco 10,190'

5-27-71 COMPLETION REPORTED



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form O-111
Revised 1-67

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
L-2740

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER P&A		8. Farm or Lease Name State	
2. Name of Operator W. A. MONCRIEF		9. Well No. 1	
3. Address of Operator 817 Midland Tower, Midland, Texas 79701		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 27 TWP. 15-S RGE. 33-E NMPM		12. County Lea	
14. Date Spudded 4-18-71	15. Date T.D. Reached 5-16-71	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.) 4171 G.L.
20. Total Depth 10,330	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools All Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name None			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Sidewall Neutron Porosity; Dual Induction Laterolog			27. Was Well Cased No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
11-3/4"	42#	304	13-3/4"
8-5/8"	24# & 32#	1300	10-5/8"
CEMENTING RECORD		AMOUNT PULLED	
300 sx Class H w/2% cc		0	
300 sx Class H w/2% cc		0	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
			SCREEN
			SIZE
			DEPTH SET
			PACKER SET
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
33. PRODUCTION			
Date First Production	Production Method (Flowing, gas lift, pump, ing - Size and type pump)		Well Status (Prod. or Shut-in)
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
			Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press.	Flowing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)
34. Disposition of Gas (Spd., used for fuel, vented, etc.)			Test Witnessed By
35. List of Attachments			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED Richard A. Mendonhall		TITLE Manager	DATE 5-27-71

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

Form C-102
Supersedes C-128
Effective 1-4-45

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

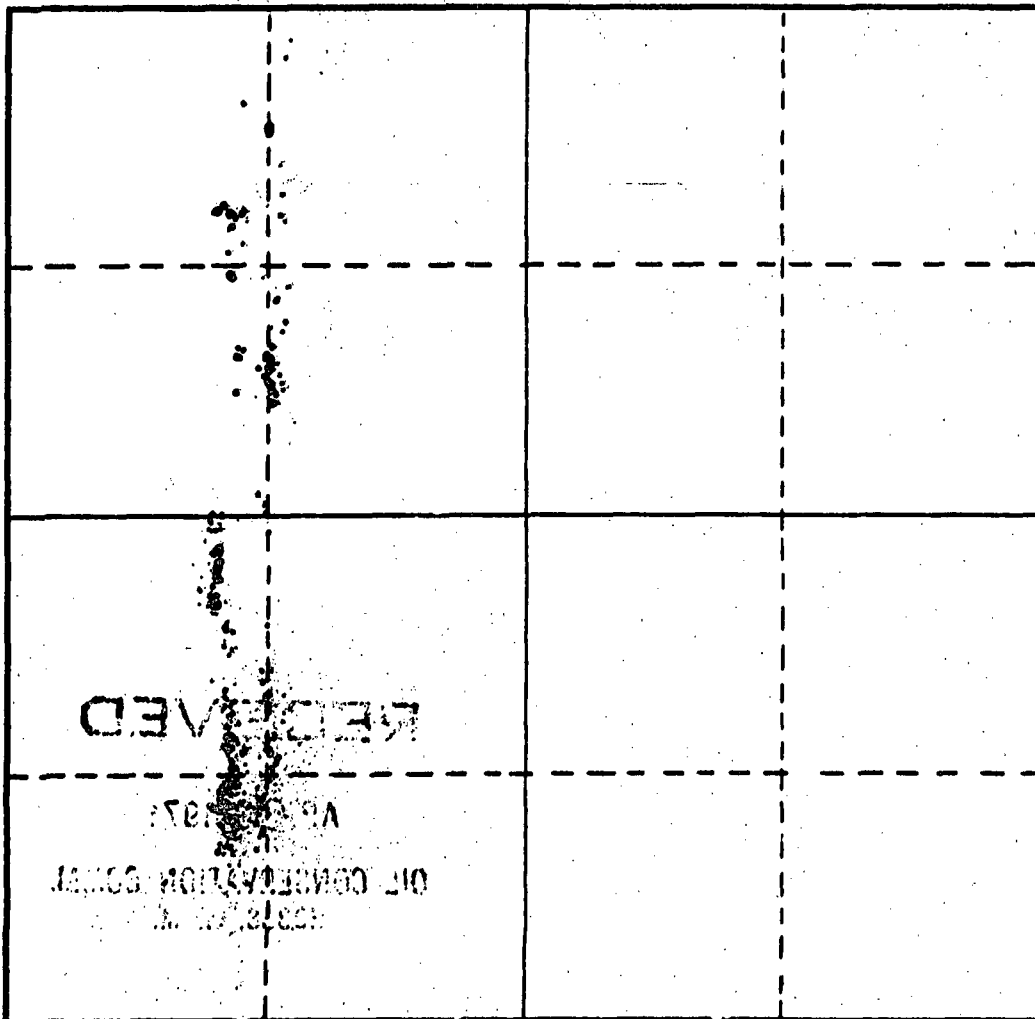
Operator W. A. Moncrief Jr		Lease State		Well No. 1
Unit Loc or NAW	Section 27	Township 15-S	Range 33-E	County Lea
Actual Footage Location of Well 500 feet from the North line and 660 feet from the East line				
Ground Level Elev. 4171	Producing Formation Pennsylvanian	Pool Wildcat	Dedicated Acreage 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Name
Richard L. Mendenhall
Position
Manager

Company
W. A. Moncrief

Date
April 13, 1971

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.

(SEE ATTACHED SURVEYOR'S PLAT)

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

30-025-23754

APR 19 1971

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
K-2740	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐			8. Farm or Lease Name		
DEEPEN ☐ PLUG BACK ☐			State		
2. Name of Operator W. A. Moncrief			9. Well No. 1		
3. Address of Operator 817 Midland Tower, Midland, Texas 79701			10. Field and Pool, or Wildcat Wildcat		
4. Location of Well UNIT LETTER <u>NA</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>27</u> TWP. <u>15-S</u> RGE. <u>33-E</u> NMPM			12. County Lee		
19. Proposed Depth 10,500'			19A. Formation Pennsylvanian		20. Rotary or C.T. Rotary
21. Elevations (Show whether D.P., R.T., etc.) 4171' G.L.		21A. Kind & Status Plug. Bond \$10,000 Blanket,	21B. Drilling Contractor Robinson Bros. Drilling Co.		22. Approx. Date Work will start When approved

23.

Fed. Ins. Co. Form 39-A-1

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	11-3/4"	42#	300'	325 Circ. to Surf.	Surface
10-5/8"	8-5/8"	21# & 32#	4300'	300	3000'
7-7/8"	4-1/2"	11.6#	10500'	300	9500'

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMPLETED

7-16-71

THIS CASE IS BEING FILED FOR RECORD
DATE 11/3/74
CASING

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 SLOWDOWN PROGRAM, IF ANY.

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

Signed Richard B. Mendenhall Title Manager Date 4-12-71

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE APR 16 1971
CONDITIONS OF APPROVAL, IF ANY:

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including well stem tests. All depths reported shall be measured depth. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

South-eastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2680	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4210	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Hinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7118	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo Sh. _____ 7870	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9385	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 10,190	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1525		Shale, sand, anhy & salt				
1525	4210.		anhydrite, sand, dolomite & salt				
4210	9385		Dolomite, sand & shale				
9385	10330.20.		Limestone & shale				

RECEIVED

MAY 28 1971

OIL CONSERVATION COM.
HOBBS, N. M.

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

03/21/97 12:48:50
OGOMES -EMG3
PAGE NO: 2

Sec : 27 Twp : 15S Rng : 33E Section Type : NORMAL

L 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	K 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	J 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	I 40.00 CS V05004 1 12/01 MATADOR PETROLEUM
M 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	N 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	O 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	P 40.00 CS E01122 3 12/56 MEMORIAL EXPLORAT

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

03/21/97 12:48:42
OGOMES -EMG3
PAGE NO: 1

Sec : 27 Twp : 15S Rng : 33E Section Type : NORMAL

D 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	C 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	B 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	A 40.00 CS V05004 1 12/01 MATADOR PETROLEUM
E 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	F 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	G 40.00 CS V05004 1 12/01 MATADOR PETROLEUM	H 40.00 CS V05004 1 12/01 MATADOR PETROLEUM

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

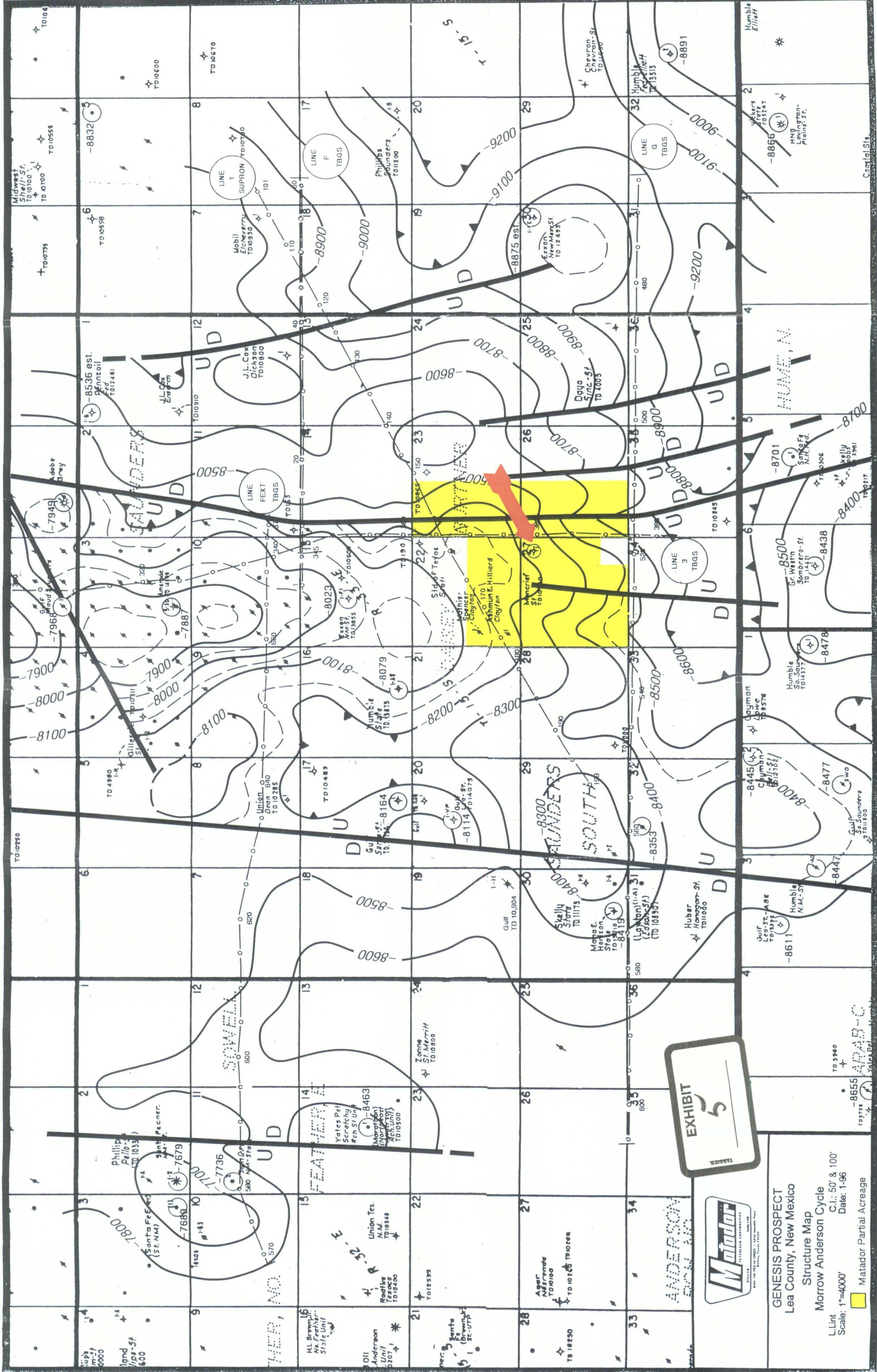


EXHIBIT 5



GENESIS PROSPECT
Lea County, New Mexico
Structure Map
Morrow Anderson Cycle
L. Int
Scale: 1"=4000'
C.L.: 50' & 100'
Date: 1-96
Matador Partial Acreage