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NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

AUG 21 1980

Form C-105
Revised 11-88

5. Indicate Type of Lease State ☒ Fee ☐
6. State Oil & Gas Lease No. E-785
7. Unit Agreement Name
8. Form or Lease Name Gulf State
9. Well No. #1
10. Field and Pool, or Wildcat Wildcat Penrose
11. County Eddy

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator
MorOilCo, Inc. ✓

4. Address of Operator
P.O. Drawer I, Artesia, New Mexico 88210

5. Location of Well
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM

6. West LINE OF SEC. 32 TWP. 16S RGE. 29E NMPM

7. Date Spudded 5-21-80	8. Date T.D. Reached 5-28-80	9. Date Compl. (Ready to Prod.) 7-13-80	10. Elevations (DF, RKB, RT, GR, etc.) 3641.2' GR	11. Elev. Casinghead
12. Total Depth 2543	13. Plug Back T.D. 2536	14. If Multiple Compl., How Many	15. Intervals Drilled By Rotary	16. Cable Tools

17. Producing Interval(s), of this completion - Top, bottom, Name
1852-1910 Penrose

18. Type Electric and Other Logs Run
DLL/RXO, CND, Correlation Log

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	20#	289.97	12 1/4	200sx. Class C Cement- Circ. 30sx.	none
4 1/2	9.5#	2543	7 7/8	575sx. Class C Cement- 50-50 Poz	none

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	1820	none

1. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1852-56	1/ft.	.34" dia.	1852-1910	1000 gal. 15% acid & 15 ball sealers
1894-98		12 holes		1004 bbl. gel water & 58,000# 20-40 sand
1906-10				

3. PRODUCTION							
Date First Production 7-17-80	Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 2"x1 1/2"x12' Top Hold Down					Well Status (Prod. or Shut-in) Shut-in	
Date of Test 7-17-80	Hours Tested 24	Choke Size 6/64	Prod'n. For Test Period →	Oil - Bbl. 4.7	Gas - MCF 48	Water - Bbl. 0	Gas - Oil Ratio 10,213
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl. 4.7	Gas - MCF 48	Water - Bbl. 0	Oil Gravity - API (Corr.) N/A	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)
Test Witnessed By
Terry Whitley

5. List of Attachments
Deviation

6. 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 W. N. Morgan TITLE Operator DATE 8-4-80

MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 10-65

All distances must be from the outer boundaries of the Section

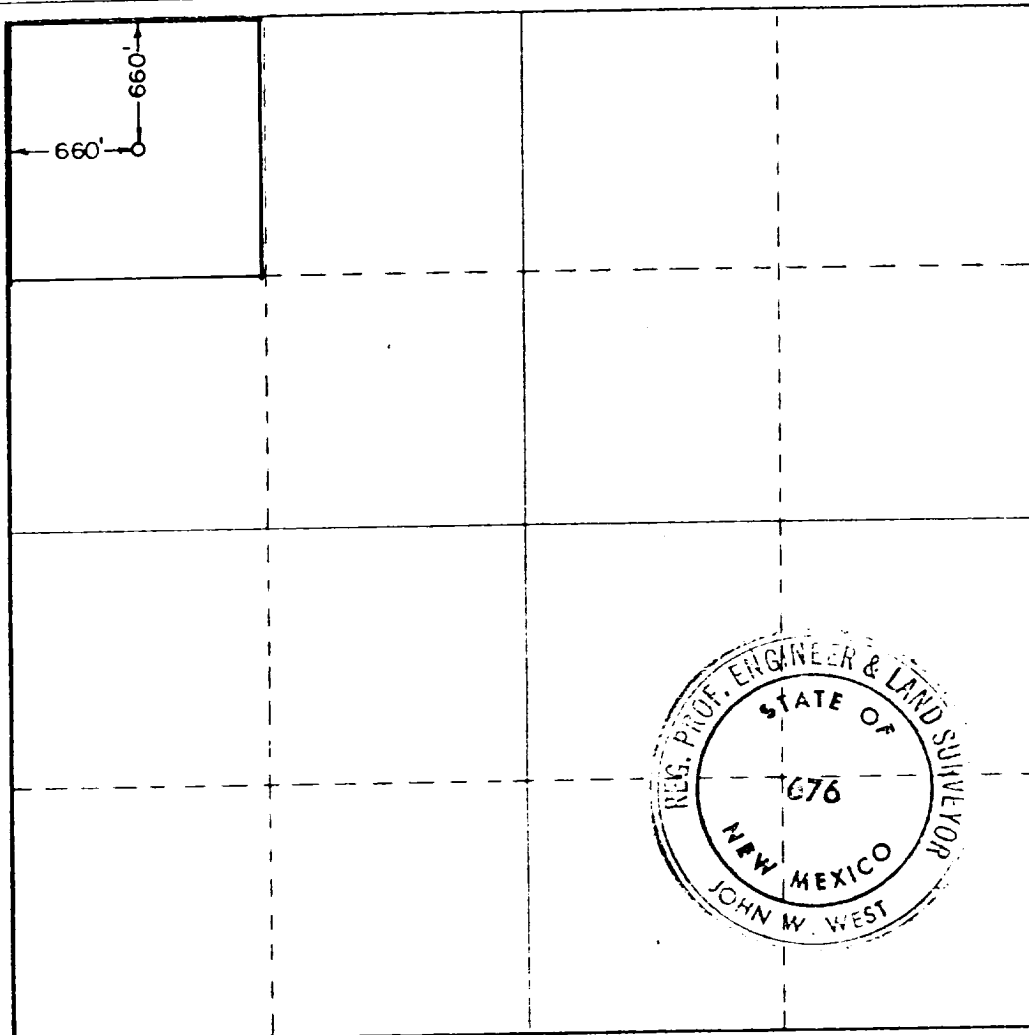
Operator Moroilco, Inc.,			Lease Gulf State		Well No. 1
Tract Letter D	Section 32	Township 16 South	Range 29 East	County Eddy	
Actual Footage Location of Well:					
660		feet from the North	Line and	660	feet from the West
Ground Level Elev. 3641.2	Producing Formation Penrose		Pool und.	Dedicated Acreage: 40	

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

William N. Morgan

Name
William N Morgan
 Position
President

Company
MorOilCo, Inc.

Date
May 13, 1980

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
April 17, 1980

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6683
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by _____ copy of all electrical and radioactivity logs run _____ the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. 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 filed in quintuplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern 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" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 846	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1072	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1613	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2400	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Tediito _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Penrose-1850	T. Chinle _____	T. _____
T. Penn. _____	T. Metex-2217	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Premier-2374	T. Penn. "A" _____	T. _____
	T. Lovington-2464		

OIL OR GAS SANDS OR ZONES

No. 1, from _____ **1852** _____ to _____ **1910** _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
508	906	398	Salt, lime & shale				
906	1093	187	Salt, lime & shale				
1093	1273	180	Salt, lime & shale				
1273	1443	170	Lime & shale				
1443	1597	154	Lime & shale				
1597	1704	107	Lime & shale				
1704	1881	177	Shale				
1881	1964	83	Shale				
1964	2360	396	Shale				
2360	2543	183	Lime & shale				



WM. N. MORGAN
Off. Ph.: 505-748-2194
Home Ph.: 505-748-2325
P. O. Drawer 1
Artesia, N.M. 88210

June 6, 1980

MorOilCo, Inc.
P.O. Drawer 1
Artesia, New Mexico 88210

Re: Gulf State #1
Sec 32 Twn16S Rge29E
660/N 660/W Unit D
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey of the above
well:

315' - 1/4 degree
810' - 1/2 degree
1313' - 3/4 degree
1786' - 1/2 degree
1881' - 1 degree
2385' - 1 degree
2540' - 1 degree
2570' - 1 degree

Yours truly,

William N. Morgan
Alta-West Drlg., Inc.

STATE OF NEW MEXICO)

COUNTY OF EDDY)

The foregoing was acknowledged before me this 24th day
of June, 1980, by William N. Morgan.

My Commission Expires:

2-15-81

Notary Public

RECEIVED

AUG 6 1980



PHILLIPS PETROLEUM COMPANY

4001 Penbrook
Odessa, Texas 79762

O. C. D.
ARTESIA, OFFICE

July 25, 1980

Re Field Tests

Moroilco, Inc.
P. O. Drawer "I"
Artesia, New Mexico 88210

Attention: Mr. Bill Morgan

Dear Sir:

Listed below are results of the gas-oil-ratio test that we ran on your lease in Eddy County, New Mexico.

<u>Lease</u>	<u>Wells</u>	<u>24-Hr. Oil Prod.</u>	<u>Daily Gas Vol. Mcf</u>	<u>GPM</u>	<u>GOR</u>
Gulf State	#1	4.70	48	0.299(C)	10,213

Attached is a copy of the chromatograph analysis.

Thank you for your assistance in making it possible for us to test your lease.

Very truly yours,

Roger H. Sofge
cas

Roger H. Sofge

RHS:cas
Attachment

PHILLIPS PETROLEUM CO.-GAS CHROMATOGRAPH ANALYSIS-G & GL SURVEY
 CO. *Morales, Inc.* LEASE *Shelf State* WELL # *1* TYPE GAS *high ratio oil well*
 LOCATION *460' N. & W. 32-16-29* COUNTY *Eddy* STATE *N.M.*
 FIELD *Undesignated* FORM *Pennsylv* CHOKE *6/4* TYPE TRAP *conv*
 TRAP TEMP. TRAP PRESS. *25* FTP. *160* ATMOS TEMP. *96* GAS TEMP. *88* BARO. *678*
 DATE SEC *7:17:80* DATE RUN *7:23-80* SEC BY *RTW* RUN BY *SI* BOMB PRESS. *25*
 425 GR. (CORR). *SLA* CO2 ON TAG. *Q* ... MISC. *0.14 Production 4.70 BOPD*
GAS VOLUME 48 mcf

INST 1 METH 1 FILE 89

RUN 1 G-587 10 : 13.5 7 / 23 / 80

COMPONENT FINAL MOL %

C6 PLUS	.32
N2	44.71
C1	46.77
CO2	.1
ETHANE	5.3
C3	2
IC4	.21
NC4	.42
IC5	.09
NC5	.08

TOTAL 100

PRESSURE BASE AT 60 DEG. F.

14.696 14.65

C6 PLUS	GPM	.1377	.1373
ETHANE	GPM	1.4133	1.4089
C3	GPM	.549	.5472
IC4	GPM	.0685	.0683
NC4	GPM	.132	.1316
IC5	GPM	.0328	.0327
NC5	GPM	.0289	.0288

TOTAL GPM 2.3622 2.3548
 Z FACTOR= .998574
 SAT. BASIS BTU 649.284 647.251
 CAL. SP. GR. .806

G-587

Date	7-23-80
Type Gas	High Ratio Oil Well
State	New Mexico
County	Eddy
Field	Undesignated
Formation	Pennsylv
Company	Morales, Inc.
Wells	#1
Lease	460' N & W 32-16-29
Sampler	RTW
Baro	678
Atmos. Temp.	96
Trap Press.	25
Gas Temp.	88
Type of Trap	Conv. (N)
Heat ()	572.8
HTS	160
COR	4.70
Choke	6/4
FTP	160
Bomb Press	25

0.199
0.299

PC