

J. M. HUBER CORPORATION

OIL AND GAS DIVISION
1900 WILCO BUILDING
MIDLAND, TEXAS 79701



MIDLAND DISTRICT OFFICE

July 2, 1980

TELEPHONE
915-682-3794

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Attached for your information are offset wells within $\frac{1}{2}$ mile radius of our Griffin Well No. 1, which we submitted a Form C-108 to your office last week.

If you should need any further information, please advise.

Yours very truly,

J. M. HUBER CORPORATION

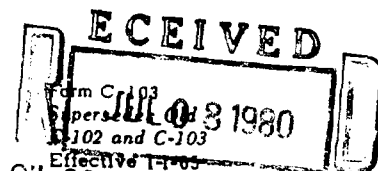
A handwritten signature in cursive script, appearing to read "Robert G. Setzler".

Robert G. Setzler
District Production Manager

RRS/jem

Attachments

cc: NMOCC
P. O. Box 1980
Hobbs, New Mexico 88240
Mr. Jerry Saxton



OIL CONSERVATION DIVISION

5a. Indicate SANTA FE State ☐ Fee ☒

5. State Oil & Gas Lease No.

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER- <u>P & A</u>	7. Unit Agreement Name
2. Name of Operator <u>Samedan Oil Corporation</u>	8. Farm or Lease Name <u>Huber Griffin</u>
3. Address of Operator <u>2207 Wilco Building, Midland, Texas 79701</u>	9. Well No. <u>1</u>
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1750</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>14-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Wildcat <u>Wildcat</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3949.9' G.L.</u>	12. County <u>Lea</u>

16. 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 ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER <u>Temporarily Abandon</u> ☒

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 1103.

Drilled to T.D. 10,600'/ Ran D.S.T. and recovered 687' of H.O. & G.C.M. no oil or gas. Set cement plugs at following intervals:

35 sack plug 10,500' to 10,600'
35 sack plug 9,598' to 9,698'
35 sack plug 8,092' to 8,192'
35 sack plug 5,990' to 6,090'
45 sack plug 4,682' to 4,832'

Completed December 10, 1974.

Plan to pull 8 5/8" casing and complete plugging operations.

12 3/4" @ 407

665' @ H.

1072' 60 - 858' 1122
40 - 1022 - 1122
75 - 433 - 333
155X5 @ Surface

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

SIGNED William S. Eichen TITLE Prod. Supt. DATE 12-16-74

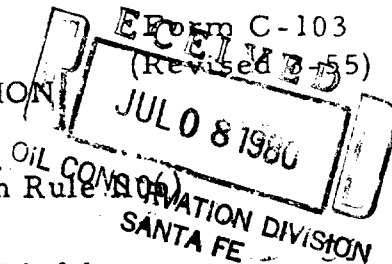
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 10-1-1)



COMPANY

Zapata Petroleum Corporation and Liedtke & Liedtke

Box 2216

(Address)

Midland, Texas

LEASE Danglade WELL NO. 1 UNIT H S 3 T 14-S, R 36-EDATE WORK PERFORMED 12/30/57 POOL WildcatThis is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off☐ Beginning Drilling Operations☐ Remedial Work☒ Plugging☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

TD - 15,115' lime, 8 3/4" hole completed @ 10:00 A.M. 11/26/57. Ran Gamma Ray Neutron
TD to Surface Microlaterolog & Laterolog TD to 9800 Went in & spotted cement
plugs as shown on reverse side w/DST information. Pipe left in hole. Pipe cut off
4' below G.L.

13 3/8" 48# H-40

9 5/8" 36#, 40# J-55

Pits & cellar are being levelled off and filled in. Verbal approval obtained from Mr.
E. J. Fisher on 12/30/57 to proceed with P & A operations. Final C-103 to be submitted
when location completely levelled & cleared.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

Name John W. Runyan

Title _____

Date _____

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

Name W. D. WoodPosition EngineerCompany Zapata Petroleum Corporationand Liedtke & Liedtke

Note: Hole between plugs loaded with 9.3# mud

Plug & Interval

20 sax
Surface to 50'
(9 5/8" 40# pipe)

50 sax
4550' to 4680'
(9 5/8" 40# pipe)

50 sax
6000' to 6130'
(8 3/4" hole)

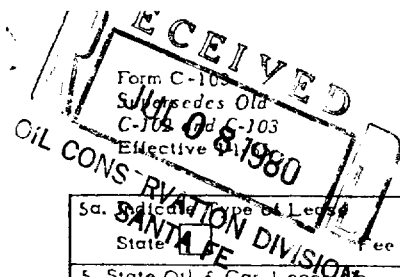
Section

DST Information

Wolfcamp	<u>No. 1</u>	9820 to 9855 open 1½ hours Recovered 5000' gas, 285 HO & GCM, 200' SW ISIP-1600# FSIP-2500#, IFP-410#, FFP-465#	<u>50 sax</u> 9800 to 9930 (8 3/4" hole)
Pennsylvanian	<u>No. 2</u>	10,427 to 10,459 open 1½ hours Recovered 900' gas, 40' SL O & GCM w/trace free oil. ISIP-20#; IFP-45#, FFP-45#; FSIP-265#	<u>50 sax</u> 10,400' to 10,530' (8 3/4" hole)
Devonian	<u>No. 3</u>	14,967 to 15,025 open 2 hours 5000' nitrogen @ 1625#; Recovered 430' mud ISIP 5965#; FSIP-5940#; IFP-2210#; FFP-2405#	<u>100 sax</u> 14,840 to 15,100' (8 3/4" hole)
Devonian	<u>No. 4</u>	14,967 to 15,025 open 2 hours 2553' water blanket, recovered water blanket, 270' GCM; IFP- 1255#; FFP-1325#; SIP-5975#	----
Devonian	<u>No. 5</u>	14,959 to 14,115 open 2 hours 2520' water blanket. Recovered water blanket, 360' GCM; 1266' s. sulphur water; ISIP-6045#; FSIP-6045#; IFP-1950#; FFP-6010#	----

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

NEW MEXICO OIL CONSERVATION COMMISSION



SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Calculation of Lease Fee ☒ 5. State Oil & Gas Lease No. ----
OIL WELL ☒ GAS WELL ☐ OTHER ☐ Name of Operator Skelly Oil Company Address of Operator P. O. Box 1351 Midland, Texas 79701 Location of Well UNIT LETTER I 660 FEET FROM THE East LINE AND 1980 FEET FROM THE South LINE, SECTION 4 TOWNSHIP 14 S RANGE 36 E NMPM.	7. Unit Agreement Name ---- 8. Farm or Lease Name J. A. Foster 9. Well No. 1 10. Field and Pool, or Wildcat Undesignated McDonald Penn	
15. Elevation (Show whether DF, RT, GR, etc.) 3944' GR	12. County Lea	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
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PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOB ☐ OTHER <u>Test and plug and abandon</u> ☒	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐
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7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103.

- 1) Drilled 7-7/8" hole to 10,320' at 11 a.m. June 16, 1972.
- 2) Ran DST #1: 10,265 - 20,320' (Bough "A")
- 3) Drilled 7-7/8" hole to 10,508' at 3:35 p.m. June 18, 1972.
- 4) Ran DST #2: 10,465 - 10,508' (Cisco Dolomite).
- 5) Drilled 7-7/8" hole to TD 10,699'.
- 6) Ran Gamma Ray Caliper and Sidewall Neutron log from surface to TD; Dual Induction focused log from 4540' to TD; factor log 9600' to TD.
- 7) Ran DST #3: 10,610 - 10,699' (Cisco Reef).

As no commercially productive formations were encountered, well was ordered plugged and abandoned and was plugged as follows:

- 1) With drill pipe open-ended, spotted Class "H" cement plugs as follows:

10,544 - 10,442'	30 sacks	(Top of Cisco)
9,986 - 9,884'	30 sacks	(Hueco)
8,157 - 8,055'	30 sacks	(Top of Abo)
7,475 - 7,373'	30 sacks	(Lubb)

J. A. Foster Well No. 1
Page 2

6,080 - 5,978'	30 sacks	(Glorieta)
4,561 - 4,424'	40 sacks	(8-5/8" casing shoe)
34' - Surface	10 sacks	

All intervals not cemented were filled with 10# mud.

- 2) Set dry hole marker.

Well plugged and abandoned 12:00 midnight June 22, 1972.

RECEIVED
Form OC-108
Revised 11-85

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

JUN 30 1980

OPERATOR J. M. Huber Corporation		ADDRESS 1900 Wilco Building, Midland, Texas	
LEASE NAME Griffin	WELL NO. 1	FIELD McDonald (Penn)	COUNTY Lea
LOCATION UNIT LETTER <u>A</u> ; WELL IS LOCATED <u>660'</u> FEET FROM THE <u>North</u> LINE AND <u>660'</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>14S</u> RANGE <u>36E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	423'	350'	Surface	Circulated
INTERMEDIATE	9-5/8"	4575'	450'	3740'	Calculated
LONG STRING	5-1/2"	10,700'	340'	9000'	Calculated
TUBING	2-3/8"	10,177'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson Uni-Pack IV at 10,177'		
NAME OF PROPOSED INJECTION FORMATION Cisco			TOP OF FORMATION 10,521'		BOTTOM OF FORMATION 11,140'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 10,870'-10,895' & 11,045'-11,093'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Producer		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes		
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 10,203'-210', 10,266', 10,275', 10,293', 10,305', 10,502'-511'					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 2500' Top of anhydrite		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None Known		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None Known	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 200	MINIMUM 200	MAXIMUM 450	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 250
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -		WATER TO BE DISPOSED OF Yes		NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? Yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) James A. Foster, Jr. 1901 W. Avenue "J", Lovington, New Mexico 88260					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Getty Oil Company, P. O. Box 1231, Midland, Texas 79701 Geo-Dynamics Oil & Gas, Inc., 1100 Western United Life Building, Midland, TX. Samedan Oil Corporation, 900 Wall Towers East, Midland, Texas 79701					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes		THE NEW MEXICO STATE ENGINEER Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		PLAT OF AREA Yes		ELECTRICAL LOG Yes	
				DIAGRAMMATIC SKETCH OF WELL Yes	

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

Ronald H. Sumner
(Signature)

Senior Petroleum Engineer
(Title)

6/25/80
(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

[illegible]

P. O. BOX 1468
MONAHANS, TEXAS 79756
PHONE 943-3234 OR 563-1040

Martin Water Laboratories, Inc

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4821

RESULT OF WATER ANALYSES

TO: Mr. Robert Setzler LABORATORY NO. 380369
1900 Wilco Building, Midland, Texas SAMPLE RECEIVED 3-31-80
RESULTS REPORTED 4-8-80

COMPANY J.M. Huber Corporation LEASE Griffen #1

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE New Mexico

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Produced water - taken from Griffen #1 3-23-80

NO. 2 _____

NO. 3 _____

NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1296			
pH When Sampled				
pH When Received	5.9			
Bicarbonate as HCO ₃	171			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	55,000			
Calcium as Ca	16,300			
Magnesium as Mg	3,463			
Sodium and/or Potassium	54,734			
Sulfate as SO ₄	587			
Chloride as Cl	122,863			
Iron as Fe	40.0			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	198,118			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.058			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Amine, as Tretolite KW-147	73.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks We are not familiar with the circumstances herein;
but if we can be of any assistance in interpreting the results, please contact us.

DATE 5/2/80

HUBER W.I. 36.3322

DEAL NO. 14-N-95-A

PROPERTY NO. 14P2850

PROPOSED
WELL DATA SHEET

Lease Griffin

Well No. 1

Location 660' FN & EL, Sec. 4, T-14S, County Lea State New Mexico

R-36E

K.B. Elev. 3960'

Date Completed 7/29/71

G.L. Elev. 3948'

Formation(s) Bough "A"

D.F. Elev. 3959'

Flowing 179 BOPD, 0 BWPD, 580 MCFD
gas FTP 350 psi, 24/64" choke, GOR
1623:113-3/8" H40.48 #
Gr. Thd.
Set @ 423
w/ 350 Skts.
Hole Size 17 1/2"
Cement Circulated

Top Cement @ 3740'

9-5/8" 36 & 40 #
Gr. K55 Thd. ST&C
Set @ 4575'
w/ 450 Skts.
Hole Size 12 1/4"

Top Cement @ 9000'

10,203' 2 HPF
10,210'10,266' 2 HPF Bough "A"
10,275'10,293' 2 HPF
10,305'Baker Model "D" parallel string
anchor w/J-Latch sub

10,502'

10,511'

Baker "A-2" Lockset pkr.

5 1/2" 15,5617 #

Gr. K55 Thd. ST&C

Set @ 10,700'

w/ 340 Skts.

Hole Size 8-3/4"

Cmt. Plug 11,150 to 11,250'

Initial Treatments: Perf. 2 hpf
10,502'-10,511', ran tbg. w/pkr.,
swab tested, made total of 122 BO
& 157 BW, set BP @ 10,630' (lost),
set BP @ 10,435' w/10' cmt. on top
PBD 10,425' perforated 2 hpf
10,293'-10,305', ran tbg. w/pkr.
Acidized w/1000 gals. 15% acid @
5500 psi @ 1 1/2-2 BPM, swab tested
w/no show oil/gas. POH, perf. 2
hpf 10,266'-10,275'. Ran tbg. w/
pkr. & retrievable BP. Set BP @
10,284', acidized perfs. 10,266'-
10,275' w/1000 gals. 15% acid @
5900 -6000 psi @ 2 BPM. Swabbed
dry, no show. POH, perf. 2 hpf
10,203'-10,210', re-set BP at
10,284'. Re-acidized perfs. 10,266'
thru 10,275' w/1000 gals. 15% acid
at 4000-3100 psi. Avg. 4325 psi @
2 BPM. Swabbed, kicked off flowed
7-16 BOPD, ran BHPBU, re-treated
perfs. 10,203'-10,210' w/3000 gals
retarded 20% acid @ 4300-3800 psi
@ 2.8-2.9 BPM. Swabbed 1 hr.,
kicked and flowed. Killed well. POH
with tbg., pkr. & retrievable BP.
Ran 328 jts. tbg. w/Guiberson Uni-
pkr. IV. Set at 10,177'. SN @
10,146'. Swabbed & kicked off well

Workover - 2/5/79 to 2/27/79

Lufkin 320-256-120 Pumping Equip.

Tbg. set @ 10,348'

Guiberson Tbg. Anchor set @ 10,316'

SN set at 10,312'

Workover - 2/1/80 Tubing set at
10,363', rods and pump @ 10,327'.

Plug Back Total Depth 11,150' (est.)

Total Depth 11,474'

Well Name Griffin #1

[illegible]