## DIL CONSERVATION DIVISION

FORM C-108 Revised 7-1-81

POST DIFET BOT YOUR STATE LAND DIFET BUX DING SANTA PE NEW MEACD \$7301

1		Secondary	Recovery Dr	ressure Maintena	nce Disposal	Storage
11.			oloration & Pr		[X] yes [no	
	•		Midland, Te		<u> </u>	
		rty: Sharon			(915) 686-3	505
111.					<del></del>	
	well Gata:	proposed for	injection. Ad	on the reverse si ditional sheets s	de of this form f may be attached if	or each well necessary.
Jv.		expansion of a	en existing pro n order number a	ect? 🕅	T11	•
٧.	4"   TELLION	A577 A7FD W DHE	fies all wells a e-half mile radi ifics the well's	US C12c1a daa	two miles of any around each propo	proposed sed injection
• yı.	well's type	e. construction		location data	d within the area include a descript, record of comple; detail.	
VII.	Attach data	on the proposi	ed operation, i	cluding:		
	3. Pro 4. Sou t 5. If	ner the system posed average a rces and an app he receiving fo injection is for the properties of the properties are selected as the properties are selecte	m is open or ele and maximum inje propriate analys prmation if othe pr disposal purp e mile of the pr	sed; ction pressure; is of injection r than reinjecte oses into a zone oposed well, att	fluid and compatis d produced water; not productive of ach a chemical and	bility with . and foil or gas
•V111.	totton of all	il underground i ived solids cont one as well as a	sources of dring	cing water (aqui	Including appropri geologic mame, and Ters containing wa ess) overlying the distely underlyin	depth to
IX.	Describe the	proposed stime	ulation program,	if any.		
<b>x.</b> .	Attach appro with the Div	primte logging ision they need	and test data of not be resubmi	n the well. (If	well logs have b	een filed
xI.	A.A BOTE BU	o biconciudi mi	of fresh water ithin one mile o s samples were t	I Mny injection	fresh water well: or disposal well:	s (if showing
XII.		hydrologie com	anu enuineerin	n data and Find	tement that they be no evidence of op- no and any undergi	
XIII.	Applicants mu	st complete the	e "Proof of Not:	ice" section on	the reverse side o	of this form.
	Certification					
	I hereby cert to the best o	ify that the in I my knowledge	nformation submi	tted with this	application is tru	ic and correct
				Title	Regulatory Agent	
	e	1,1	1	-	-1	

#### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application the data must be both in tabular and schematic form and shall include:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

#### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by Certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, 'township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Dil Conservation Division, P. D. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBHITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

DATE IN	SUSPENSE	ENGINEER	LOGGED BY	TYPE

#### NEW MEXICO OIL CONSERVATION DIVISION $\sqrt{\phantom{a}}$

- Engineering Bureau -

#### ADMINISTRATIVE APRILICATION COVERSHEET

		ADMINISTRATIVE APPLICATION COVERSHEET
	THIS COVERSE	HEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
Applic	[PC-I	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] whicle Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] 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] Halified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF AI	PPLICATION - Check Those Which Apply for [A]  Location - Spacing Unit - Directional Drilling  NSL NSP DD DSD SEP 2 6 1997
	Check [B]	One Only for [B] and [C]  Commingling - Storage - Measurement  DHC DCTB PLC PC DOLS DOLM
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  ☐ 'WFX ☐ PMX ☐ SWD ☐ IPI   EOR ☐ PPR
[2]	(A) (B) (C) (D) (E) (F)	<ul> <li>TION REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply □ Working, Royalty or Overriding Royalty Interest Owners</li> <li>☑ Offset Operators, Leaseholders or Surface Owner</li> <li>☑ Application is One Which Requires Published Legal Notice</li> <li>□ Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office</li> <li>☑ For all of the above, Proof of Notification or Publication is Attached, and/or,</li> <li>□ Waivers are Attached</li> </ul>

#### [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 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.

Ann E. Kitchie Print or Type Name

Regulatory Agent 9-22-97
Title Date

EOR BUSINESS UNIT/MIDLAND • P.O. BOX 50090 • MIDLAND, TX 79710-0090 • (915) 682-7316 4000 N. BIG SPRING, SUITE 325 • MIDLAND, TX 79705-4613 • FAX (915) 686-3535

September 15, 1997

State of New Mexico Energy, Minerals and Natural Resources Dept. Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504

Attn. Mr. Ben Stone

Re: Application for Authorization to Inject

Atoka San Andres Unit, Well Nos. 120, 132, and 136

Atoka (San Andres) Field Eddy County, New Mexico

#### Gentlemen:

As we discussed in our telephone conversation on July 31, 1997, Pennzoil Exploration & Production Company intends to request permission to convert the Atoka San Andres Unit (ASAU) Well Nos. 120, 132, and 136 to water injection wells. Pennzoil is currently injecting water into 17 water injection wells at the ASAU. The shallowest perforation in these 17 injection wells is at 1430', and the deepest perforation is at 1833'. The surface injection pressures for these wells range from 850 to 950 psig. Pennzoil is currently evaluating the productivity of uphole San Andres zones that are within the unitized interval of the ASAU. In the event that these uphole intervals are oil bearing. Pennzoil plans to perforate these zones in the offset water injection wells. If uphole perforations are added in the ASAU Well Nos. 120, 132, and 136, Pennzoil will perform step rate tests on these wells to determine the parting pressure of the uphole San Andres zones and will request an amendment to the injection permits. However, if uphole perforations are not added, Pennzoil requests that a permit be granted to inject into the existing perforations in the ASAU Well Nos. 120, 132, and 136. Thank you for your consideration. If you have any questions or comments, please contact me at (915) 686-3524.

Sincerely yours,

Jack T. Lowder

Senior Petroleum Engineer

Jack T. Lowden

( copy for application)

#### Pennzoil Exploration & Production Company Atoka San Andres Unit Well No. 136 Section 14, T-18S, R-26E Eddy County, New Mexico

\*\*\* ||| \*\*\*

#### Well Data:

A.

(1) Operator: Pennzoil Exploration & Production Company

Lease Name: Atoka San Andres Unit

Well Number: # 136

Location: Section 14, T-18S, R-26E, 2310' FNL & 1650' FEL

(2) Casing: 8-3/4" @ 740' w/ 200 sx cement in a 9" hole \*

5-1/2" @ 1943' w/ 301 sx cement in a 6" hole \*

(3) Tubing: 2-3/8" @ 1350' Internally Plastic Coated

(4) Packer: Baker Model AD-1 Tension Packer Set @1350'

\*\*\*\*\*\*\* See attached schematic of wellbore \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Cemert was circulated

B.

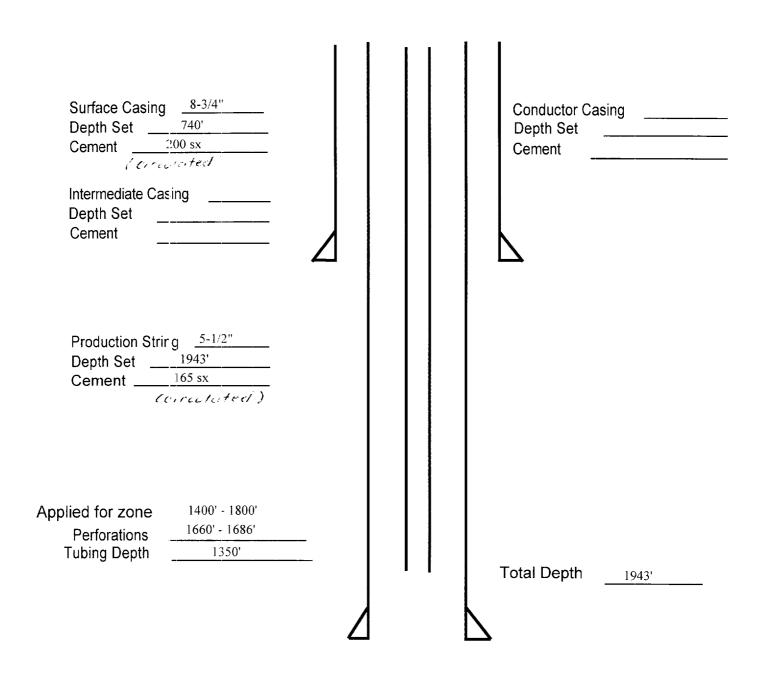
(1) Injection Formation: San Andres

Field Name: Atoka San Andres ( 03610 )

(2) Injection Interval: 1621' - 1805'

- (3) The original purpose of the well was to produce oil.
- (4) There are no other perforated intervals in this well.
- (5) Next higher productive zone is N/A
  Lower productive zone is N/A

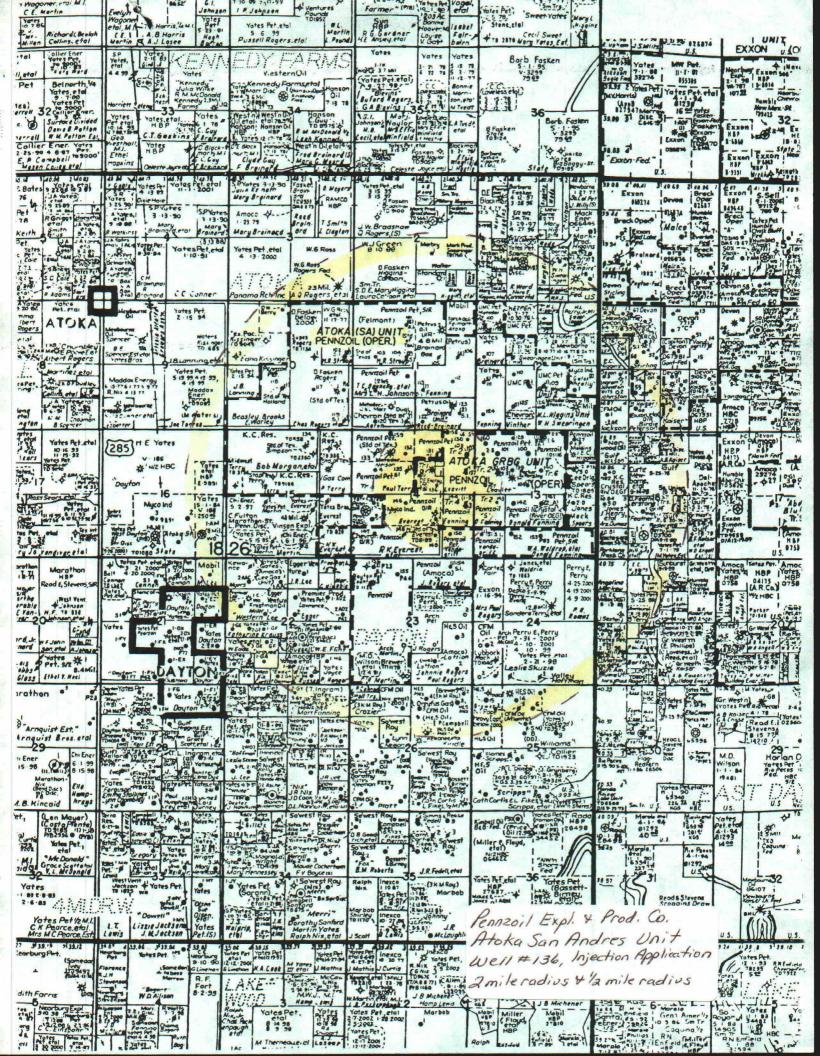
### Wellbore Schematic



OPERATOR	Pennzoil Exploration & Production Company	
LEASE AND WELL NAME	Atoka San Andres Unit Well # 136	
LOCATION	2310' FNL & 1650 FEL Sec 14, T-18-s, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

Pennzoil Exploration & Production Company Atoka San Andres Unit Well # 136 Section 14, T-18S, R-26E Eddy County, New Mexico





Pennzoil Exploration & Production Co. Atoka San Andres Unit Well # 136 Section 14, T-18-S, R-26-E Eddy County, New Mexico

#### Wells within a 1/2 Mile Radius:

1	Matador Operating Company Vega Petroleum - Nelson Jerry COM #1 990 FNL & 1650 FWL Sec 14 T-18-S, R-26-E DD: 3-10-76 TD: 9300 Status:P&A 6-12-96 API # 30-015-21686	(NW)
2	Pennzoil ASAU Well # 132 Standard Oil Of Tx, Paul Terry #2 990 FNL & 2310 FWL Sec 14 T-18-S, R-26-E DD: 12-2-56 TD: 1730 API # 30-015-00286	(NW)
3	Kewanee Oil Co. ASAU Well #4 Kewanee Oil Co., Terry #4 1650 FNL & 990 FWL Sec 14 T-18-S, R-26-E DD: 9-29-57 TD: 1702' Status: P&A 8-9-74 API # 30-015-00208	(NW)
4	Pennzoil ASAU Well # 135 Kewanee Oil Co., Terry #3 1650 FNL & 2300 FWL Sec 14 T-18-S, R-26-E DD: 9-24-57 TD: 1743' API # 30-015-00207	(NW)
5	Llano, Terry #1 1650 FNL & 1880 FEL Sec 14 T-18-S, R-26-E DD: 9-16-76 TD: 9303' API # 30-015-21875	(N)

6	Pennzoil ASAU Well # 131 Kewanee Oil Co., Terry #2 990 FNL & 1650 FEL Sec 14 T-18-S, R-26-E DD: 4-9-57 TD: 1700' API # 30-015-00194	(N)
7	Pennzoil ASAU Well # 158 Gulf Oil, ASAU # 158 107 FNL. & 1230 FEL Sec 14 T-18-S, R-26-E DD: 2-24-85 TD: 1850 API # 3C-015-25043	(N)
8	Pennzoil ASAU Well # 130 Kewanee Oil Co., Leavitt #4 330 FNL. & 330 FEL Sec 14 T-18-S, R-26-E DD: 8-11-57 TD: 1742' API # 30-015-00202	(NE)
9	Gulf Oil Corporation AGU Well # 102 Kewanee Oil Co., Leavitt #10 990 FNL & 330 FEL Sec 14 T-18-S, R-26-E DD: 2-15-61 TD: 965' Status: P&A 5-27-82 API # 30-015-00200	(NE)
10	Kewanee Oil Company AGU Well # 1 Kewanee Oil Co., Leavitt #1 1650 FNL & 330 FEL Sec 14 T-18-S, R-26-E DD: 7-22-56 TD: 955' Status: P&A 9-22-75 API # 30-015-00201	(NE)
11	Pennzoil ASAU Well # 137 National Drlg. Co., Leavitt #8 1680 FNL & 330 FEL Sec 14 T-18-S, R-26-E DD: 3-14-60 TD: 1770' API # 30-015-00199	(NE)

12	Pennzoii ASAU Well #160 Chevron USA, ASAU #160 550 FNL & 500 FWL Sec 13 T-18-S, R-26-E DD: 4-7-88 TD: 1850' API # 30-015-25791	(NE)
13	Kewanee Oil Company Jones-McArthur, Leavitt #2 990 FNL & 330 FWL Sec 13 T-18-S, R-26-E DD: 9-10-56 TD: 990 Status: P&A 8-20-74 API # 30-015-00195	(NE)
14	Chevron USA, Inc. AGU Well #103 Kewanee Oil Co., Leavitt #3 1650 FNL & 990 FWL Sec 13 T-18-S, R-26-e DD: 9-22-56 TD: 975' Status: P&A 12-29-85 API # 30-015-00183	(NE)
15	Pennzoi ASAU Well # 138 National Drlg., Leavitt #9 1680 FNL & 990 FWL Sec 13 T-18-S, R-26-E DD: 3-28-60 TD: 1770' API # 30-015-00185	(NE)
16	Pennzoi: ASAU Well # 157 Gulf Oil, ASAU # 157 2263 FNL & 488 FWL Sec 13 T-18-S, R-26-E DD: 12-12-83 TD: 1827' API # 30-015-24461	(E)
17	Pennzoil ASAU # 143 Illamex (Oil Inc., Fanning #2 2310 FSL & 990 FWL Sec 13 T-18-S, R-26-E DD: 9-3-57 TD: 1770'	(SE)

17

18	Pennzoil ASAU Well # 144 Kewanee Oil Co., Fanning #1 2310 FSL & 330 FEL Sec 14 T-18-S, R-26-E DD: 5-17-56 TD: 3032 API # 30-015-00196	(SE)
19	Kewanee Oil Co., AGU Well # 3 Kewanee Oil Co., Fanning #3 2280 FSL & 330 FEL Sec 14 T-18-S, R-26-E DD: 3-2-61 TD: 991' Status:P&A 3-13-71 API # 30-015-00198	(SE)
20	Pennzoil ASAU Well # 150 Standard Oil of Tx, McNatt-Vandage Unit #1 990 FSL & 990 FEL Sec 14 T-18-S, R-26-E DD: 12-29-56 TD: 1778' API # 3C-015-00287	(SE)
21	Pennzoii ASAU Well # 145 Kewanee Oil Co., Everest Estate #1 1650 FSL & 1650 FEL Sec 14 T-18-S, R-26-E DD: 7-10-56 TD: 1849' API # 3C-015-00197	<b>(</b> S)
22	Standard Oil of Tx, JH Everest #2 Standard Oil of Tx, JH Everest #2 1850 FSL & 1650 FEL Sec 14 T-18-S, R-26-E DD: 2-6-60 TD: 9198' Status: P&A 2-6-60 API # 3C-015-00288	(S)
23	Pennzoi ASAU Well # 149 Illamex (Oil Inc., Everest Estate #1 990 FSL & 1650 FEL Sec 14 T-18-S, R-26-E DD: 9-9-57 TD: 1782' API # 30-015-00204	(S)

24	Pennzoil ASAU Well # 148 Illamex (Oil Inc., Everest Estate #2 990 FSL & 2310 FWL Sec 14 T-18-S, R-26-E DD: 10-28-57 TD: 1760' API # 30-015-00206	(SW)
25	Pennzoil ASAU Well # 146 Illamex (Oil Inc., Everest #2 2310 FS:L & 2310 FWL Sec 14 T-18-S, R-26-E DD: 10-7-57 TD: 1702 API # 30-015-00205	(SW)
26	Yates Martin III, Everest #2 2310 FS:L & 990 FWL Sec 14 T-18-S, R-26-E DD: 12-6-57 TD: 1743' API # 30-015-00285	(SW)

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FROM: SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:19AM F

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28. Teres Depth 9300' 21. Plog Back T.D. 9150' 22. If Multiple Compl., How 9300' 3900' 300' 3150				1							, -		***		<b>-</b>
9300' 9150' 9150' N/A Drived by 0-9300' 23. Was Directional Mode 9032'-9053' Morrow Sand		1/5	7/6 Dlue 970	1 3/10	0/76	Moltole	Compl			honel a	Bata				2010
21. Producting Interval(s), of this completion — Top, Bottom, Name  9032'-9053' Morrow Sand  22. Was Well Cored  Possilog, Neutron-Dual LL, Gamma-Ray Log  23. CASING RECORD (Report all strings set in well)  24. CASING SIZE  CASING RECORD (Report all strings set in well)  25. CASING SIZE  CASING RECORD (Report all strings set in well)  26. CASING SIZE  CASING SIZE  CASING RECORD (Report all strings set in well)  27. CASING SIZE  CASING RECORD (Report all strings set in well)  28. Was Well Cored  No  AMOUNT PUL  AND None	•	<u> </u>	-	A 1.1.	- M	any		now	Dri	ned Sλ ¹	١ .			i Compre	OOTB
9032'-9053' Morrow Sand  28. Type Electric and Other Logs Run Densilog, Neutron-Dual LL, Gamma-Ray Log  29. CASING SIZE WEIGHT LB./FT. DEFTH SET HOLE SIZE CEMENTING RECORD AMOUNT PUL 20" x-42 94# 115' 24" 400 None 8-5/8" 42# 1120' 17-1/2" 750 None 8-5/8" 42# 1855' 12-1/4" 850 None 4-1/2" 11.6# 9180' 7-7/8" 400 None 4-1/2" 11.6# 9180' 7-7/8" 400 None 9-5/8" 51ZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKERS  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKERS STATE AMOUNT AND KIND MATERIAL USE at intervals 8998'-9005', 9032'-9053', 6 9104'-9113'.  31. Portoration Record (Interval, size and number) Geathart—Owen Completion Casing packers set intervals 8998'-9005', 9032'-9053', 6 9104'-9113'.  32. ACID. SHOT. FRACTURE, CEMENT SOUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE at intervals 8998'-9005', 9032'-9053', 6 9032'-9053' 4000 gal HCl + 121,000 SC Nitrogen  33. PRODUCTION Date First Production Strong Packers Set Top Size and type pump) South First Production Strong Packers Set Top Size and type pump) South First Production Strong Packers Set Top Size and type pump) South First Production Strong Packers Set Top Size and type pump) South First Production Size Set Top Size Size Set Size Size Size Size Size Size Size Size		4444	9150'	T B		N/	'A				0-9	300'	100	1 10 mm	1217 - 17
28. Type Electric and Other Logs Run Densilog, Neutron-Dual LL, Gamma-Ray Log  29. CASING RECORD (Report all strings set in well)  CASING SIZE WEIGHT LB./FT. DEPTH SET MOLE SIZE CEMENTING RECORD AMOUNT PUL 20" x-42 94# 115' 24" 400 None 13-3/8" 42# 1120' 17-1/2" 750 None 8-5/8" 24# 1655' 12-1/4" 850 None 4-1/2" 11.6# 9180' 7-7/8" 400 None 29. LINER RECORD  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SI 2-3/8" 9015' 8970'  31. Perforetion Record (Insertual, size and number) Gearhart—Owen Completion Casing Packers 8et at intervals 8998'-9005', 9032'-9053', 6 9104'-9113'.  Doite First Production 3/8/76 Flowing Dote First Production 3/8/76 Flowing  Dote of Test House Tested Choke Size Prod'in. For Test Period 3/8/76 A hrs Casing Pressure Coll-Bbi. Gas Mater - Bbi. Oda - Oil Ratio 3/8/76 Gas - MCF Water - Bbi. Oda - Oil Ratio 3/8/76 A hrs Casing Pressure Coll-Bbi. Gas - MCF Water - Bbi. Oda - Oil Ratio 4-point pkr. Gas (Sold, used for fuel, venicd, etc.) Shut-in; Waiting on gas connection  38. List of Attachments 39. List of Attachments	24. Producing Interval(s)	, of furs of	ombietion -	top, Bottom,	, Name								23		actional :
28. Type Electric and Other Logs Run  Densilog, Neutron-Dual LL, Gamma-Ray Log  29. CASING RECORD (Report all strings set in well)  CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PUL  20" x-42 94# 115' 24" 400 None  13-3/8" 42# 1120' 17-1/2" 750 None  8-5/8" 24# 1855' 12-1/4" 850 None  4-1/2" 11.6# 9180' 7-7/8" 400 None  27. LINER RECORD  29. LINER RECORD  SIZE TOP BOTTON SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SI  2-3/8" 9015' 8970'  31. Perforation Record (Interval, size and number)  Gearhart—Owen Completion Casing Packers 8et at intervals 8998'-9005', 9032'-9053', 6  9104'-9113'.  PRODUCTION  33. PRODUCTION  Doite First Production  3/8/76 Flowing Feeder Chee Size Production Method (Flowing, gaz lift, pumping - Size and type pump)  Well Elatus (Frod. or Shat-in, 3/8/76 4 hrs California Street Coll - Bbl. Gaz - MCF Water - Bbl. Oda - Oil Ratio 14-12 297.860 0 21.094  4-point pkr. Gaing Pressure Coll culated 24 Oil - Bbl. Gaz - MCF Water - Bbl. Oda - Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 24 Oil - Bbl. Gaz - MCF Water - Bbl. Oda - Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 24 Oil - Bbl. Gaz - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 24 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 24 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil - Bbl. Cas - MCF Water - Bbl. Oil Crewity - API (Chee Rite) - Casing Pressure Coll culated 25 Oil -	903	21-905	3' Morr	ow Sand											No
Densilog, Neutron-Dual LL, Gamma-Ray Log  CASING SIZE  CASING RECORD (Repert all strings set in well)  CASING SIZE  WEIGHT LB./FT.  DEPTH SET  HOLE SIZE  CEMENTING RECORD  AMOUNT PVL  20" x-42  94# 115' 24" 400 None  13-3/8" 42# 1120' 17-1/2" 750 None  8-5/8" 24# 1855' 12-1/4" 850 None  4-1/2" 11.6# 9180' 7-7/8" 400 None  20. LINER RECORD  SIZE  TOP  BOTTOM  SACKS CEMENT SCREEN  SIZE  DEPTH SET  PACKER SI  SCREEN  SIZE  DEPTH SET  PACKER SI  SCREEN  SIZE  DEPTH SET  PACKER SI  ACID, SHOT, FRACTURE, CEMENT SOUEEZE, ETC.  DEPTH INTERVAL  AMOUNT AND KIND MATERIAL USE  9032'-9053' 4000 gal HCl + 121,000 SC  9104'-9113'.  PRODUCTION  SACKS CEMENT  SCREEN  SIZE  DEPTH INTERVAL  AMOUNT AND KIND MATERIAL USE  9032'-9053' 4000 gal HCl + 121,000 SC  Nitrogen  Date First Production  3/8/76  Flowing  Production Method (Plowing, gas life, pumping - Size and type pump)  Well Status (Fred. or Sharin, 3/8/76  Flowing  Date First Production  3/8/76  Flowing  Casing Pressure  Calculated 24 Oil - Bbl. Cas - MCF  Water - Bbl. Old Cervity - API (Ct  Water - Bbl. Old Cervity - API (Ct  A-point  PKT.  - A-point  PKT.								<del></del>							
CASING SIZE   WEIGHT LB./FT.   DEPTH SET   HOLE SIZE   CEMENTING RECORD   AMOUNT PULL 20" x-42   94#   115'   24"   400   None	28. Type Electric and Ot	her Logs f	¶un									12	7, Wa	r Well Co	red
CASING SIZE   WEIGHT LB./FT.   DEPTH SET   HOLE SIZE   CEMENTING RECORD   AMOUNT PUL	Densilog, N	eutron-	-Dual L	L, Gamma-	-Ray Lo	ogpg							N	lo	
20" x-42   94#   115'   24"   400   None   13-3/8"   42#   1120'   17-1/2"   750   None   8-5/8"   24#   1855'   12-1/4"   850   None   4-1/2"   11.6#   9180'   7-7/8"   400   None   20.   LINER RECORD   30.   TUBING RECORD   30.   TUBING RECORD   31.   TUBING RECORD   32.   ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   Gearhart—Owen Completion casing packers set at intervals 8998'-9005', 9032'-9053', 6   9104'-9113'.   32.   ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   DEPTH INTERVAL   AMOUNT AND KIND MATERIAL USE   4000 gal HCl + 121,000 SC   9104'-9113'.   Shot-in   Shot-in   Shut-in	28.			CASI	NG RECOR	RD (Repo	ort all str	ings se	t in well)						
13-3/8"   42#   1120'   17-1/2"   750   None	CASING SIZE	WEIGH	T LB./FT.	DEPTH	SET	HOL	ESIZE		CE	MENTIN	G REC	ORD		AMOU	NT PUL
8-5/8" 24# 1855' 12-1/4" 850 None 4-1/2" 11.6# 9180' 7-7/8" 400 None  20. LINER RECORD  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SIZE DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE at intervals 8998'-9005', 9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  Deter First Production Production Method (Flowing, gas life, pumping - Size and type pump) Well Status (Fred. or Shur-in, 3/8/76 Flowing Production For Tost Period 14.12 297.860 0 21.094  Flow Tubing Pross. Casing Pressure Calculated 24- Oil - Bibl. Gas - MCF Water - Bibl. Gas - Oil Retto 14.12 297.860 0 21.094  A-point pkr. Gas (Sold, used for fuel, vensed, etc.)  Shut-in; waiting on gas connection Robust of Attrachments  38. I here's restrict that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	20" x-42		94#	11	5'	24	<u> 1 "                                  </u>			400				N	one
4-1/2" 11.6# 9180' 7-7/8" 400 None  29. LINER RECORD 30. TUBING RECORD  51ZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SI  2-3/8" 9015' 8970'  31. Porforation Record (Inserval, size and number)  Gearhart-Owen Completion casing packers 8et at intervals 8998'-9005', 9032'-9053', & DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE at intervals 8998'-9005', 9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date Fire: Production Schutch (Flowing, gas life, pumping - Size and type pump)  3/8/76 Flowing Prosu.  Calculated 24 Coll - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 14.12 297.860 0 21.094  4-point pkr. Gaiculated 24 Coll - Bbl. Gas - MCF Water - Bbl. Gas - Oil Cravity - API (Coll - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 14.12 297.860 0 21.094  Shut-in; waiting on gas connection Robust sides of this form is true and complete to the Dest of my knowledge and belief.	13-3/8"		42#	112	0'.	17	7-1/2"			750				N	one
4-1/2" 11.6# 9180' 7-7/8" 400 None  29. LINER RECORD 30. TUBING RECORD  51ZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SI  2-3/8" 9015' 8970'  31. Perforation Record (Inserval, size and number)  Gearhart-Owen Completion casing packers set intervals 8996'-9005', 9032'-9053', & DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE at intervals 8996'-9005', 9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date Fire: Production Production Method (Flowing, gas lift, pumping - Size and type pump)  Shut-in  Date of Twst Hours Tested Choice Size Prod'n. For Test Period 14.12 297.860 0 21.094  Flow Tubing Pross. Casing Pressure Calculated 24-Oil - Bbi. Cas - MCF Water - Bbi. Oil Cravity - API (Cd - API) and Complete to the Dest of my knowledge and belief.  34. Disposition of Gas (Said, used for fuel, benied, etc.)  Shut-in; waiting on gas connection  35. Lier of Attrachments  36. I hereb, certify that the information shown on both sides of this form is true and complete to the Dest of my knowledge and belief.	8-5/8"		24#	185	5'	12	2-1/4"	,		850				N	one
29. LINER RECORD  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SIZE DEPTH SET SOURCE SET SET DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE AT INTERVAL SET	4-1/2"	1	1.6#	918	0'		7-7/8"			400				N	one
31. Perforation Record (Inserval, size and number)  Gearhart—Owen Completion casing packers set at intervals 8998'-9005',9032'-9053', a 9032'-9053' 4000 gal HCl + 121,000 sc 9104'-9113'.  PRODUCTION  Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump)  Detect of Test Hours Tested Choke Size Prod'n. For Test Period 14.12 297.860 0 21.094  Flow Tubing Prosp. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Cravity - API (Co. 4-point pkr. 63.7 3,020 AOF 0 49 @ 60°  34. Dispectation of Gas (Sold, used for fuel, vensed, etc.)  Shut—in; waiting on gas connection  35. Lier of Attachments  36. I Aereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	29.							•	30.			TUBING	RECO	RD	
31. Portoration Reacrd (Interval, size and number)  Gearhart—Owen Completion casing packers set  at intervals 8998'-9005',9032'-9053', & DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE  at intervals 8998'-9005',9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC  9104'-9113'.  PRODUCTION  Date First Production Production Method (Flowing, gas lift, pumping — Size and type pump)  Date of Tost Hours Tested Choke Size Prod'n. For Oil — Bbl. Gas — MCF Water — Bbl. Gas — Oil Ratio  3/8/76 4 hrs Calculated 24 Oil — Bbl. Gas — MCF Water — Bbl. Gas — Oil Ratio  7/8/76 Casing Pressure Calculated 24 Oil — Bbl. Gas — MCF Water — Bbl. Oil Crevity — API (Co.  4-point pkr. — 63.7 3,020 AOF 0 49 @ 60°  34. Dispectation of Gas (Sold, used for fuel, vented, etc.)  Shut—in; Waiting on gas connection  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.	SIZE	TOP		BOTTOM	SACKS CE	EMENT	SCR	EEN	\$17	ZE	ĎE	PTH SE	T	PA	CKER SE
31. Perforation Readed (Interval, size and number)  Gearhart-Owen Completion casing packers set at intervals 8998'-9005',9032'-9053', & DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE at intervals 8998'-9005',9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date First Production Method (Flowing, gas lift, pumping - Size and type pump)  Determing Flowing Shut-in, Shut-in, Gas_Oil Ratio  3/8/76							· · · · · ·		2-3	3/8"				89	701
Gearhart-Owen Completion casing packers set at intervals 8998'-9005',9032'-9053', 6 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Frod. or Shut-in, 3/8/76 Flowing Shut-in  Date of Test Hours Tested Choke Size Prod'n. For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 3/8/76 4 hrs Test Period 14.12 297.860 0 21.094  Flow Tubing Pross. Casing Pressure Calculated 24 Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Cd - Point pkr		······································			<del>                                     </del>		<del></del>		<del>- </del>			<u> </u>		† <u></u> -	
Gearhart-Owen Completion casing packers set at intervals 8998'-9005',9032'-9053', a 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Frod. or Shut-in) Shut-in  Date of Test Hours Tested Choke Size Prod'n. For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 3/8/76 4 hrs Production Prospect Casing Pressure Calculated 24 Oil - Bbl. Gas - MCF Water - Bbl. Oil Cravity - API (Cd 4-point pkr	3) Portoration Record (	Internal e	ise and num	her)	<u> </u>		132.	Α.	OD SHOT	T FRAC	TUPE	CEMEN	T SOL	FF7F. F	TC.
at intervals 8998'-9005',9032'-9053', & 9032'-9053' 4000 gal HCl + 121,000 SC 9104'-9113'.  PRODUCTION  Date Fire: Production Method (Flowing, gaz lift, pumping - Size and type pump)  Date of Test Hours Tested Choke Size Prod'n. For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 3/8/76  Flow Tubing Pross. Casing Pressure Calculated 24 Cil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Cravity - API (Color Hour Rate)  4-point Pkr. Gas - MCF Water - Bbl. Oil Cravity - API (Color Hour Rate)  50.7 3,020 AOF O 49 @ 600  Tost Witnewsed By Robert L. Murdock  36. I hereby cartify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					nacker	- 94				<del></del>					
9104'-9113'.  PRODUCTION  Date First Production  3/8/76  Flowing  Date of Twst  Hours Tested  Choke Size  Prod'n. For Test Period  3/8/76  Flow Tubing Pross.  4-point  pkr.  Casing Pressure  Calculated 24- Cit - Bbt.  4-point  pkr.  Cas - MCF  Hour Rate  63.7  3,020 AOF  Test Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  Shut-in  Cas - MCF  Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  A-point  Shut-in;  Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  Shut-in;  Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  A-point  Shut-in;  Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  A-point  Shut-in;  Water - Bbt.  Oil Cravity - API (Cot - Bbt.)  A-point  A-point  A-point  Pkr.  A-point  A-poi						9 99¢									
PRODUCTION  Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump)  Shut-in  Date of Test  Hours Tested Choke Size Prod'n. For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio  3/8/76 4 hrs Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Cravity - API (Co. 4-point pkr. 63.7 3,020 AOF 0 49 @ 600  34. Disposition of Gas (Sold, used for fuel, vented, etc.)  Shut-in; Waiting on gas connection  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.	į.		-9005.,	9032 -90	,,, ,		30	32 - 3	033		100	dar w	<u> </u>		
Date First Production    Production Method (Flowing, gas lift, pumping - Size and type pump)   Well Status (Prod. or Shut-in, 3/8/76   Flowing   Shut-in	arna,-arr3."						-			<del></del>				NICI	rogen
Date First Production    Production Method (Flowing, gax lift, pumping - Size and type pump)   Well Status (Prod. or Shut-in, 3/8/76   Flowing   Shut-in							ļ								
Date First Production    Production Method (Flowing, gax lift, pumping - Size and type pump)   Well Status (Prod. or Shut-in, 3/8/76   Flowing   Shut-in		···			. <del></del>										
Shut-in   Date of Test   Houre Tested   Choke Size   Prod'n. For   Oil - Bbl.   Gas - MCF   Water - Bbl.   Gas - Oil Ratio   3/8/76   4 hrs   Test Period   14.12   297.860   0   21.094				267			_		tuna numa			l Wall	Status	Prod. c	c Shutain
Date of Test    Houre Tested   Choke Size   Prod'n. For Test Period   14.12   297.860   0   21.094	1		1		wang, gan i	elet heuri	ping — J.	a wina	,	•		1			• • • • • • • • • • • • • • • • • • • •
3/8/76 4 hrs  Test Period  14.12 297.860 0 21.094  Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Cravity - API (Co. 4-point pkr. 63.7 3,020 AOF 0 49 @ 60°  34. Disposition of Gas (Sold, used for fuel, vented, etc.)  Shut-in; waiting on gas connection  Robert L. Murdock  35. List of Attachments  36. I hereby cartify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		T	<del>1</del>		12.0		A11 5		- C	MCE	345-				() Ballo
Flow Tubing Press. Casing Pressure Calculated 24 Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Casing Pressure How Rate - Bbl. Oil Gravity - API (Casing	_	1	1	Choke Size			1		1		""	70F — 70	<b>+-</b> .	1	
4-point pkr. Hour Rate 63.7 3,020 AOF 0 49 @ 60°  34. Disposition of Gas (Sold, used for fuel, vensed, etc.)  Shut-in; Waiting on gas connection  Robert L. Murdock  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.	3/8/76	4 hr	'S		1										
4-point pkr. 53.7 3,020 AOF 0 49 @ 600  34. Disposition of Gas (Sold, used for fuel, vented, etc.)  Shut-in; Waiting on gas connection  Robert L. Murdock  35. Lier 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.	Flow Tubing Press.	Casing I	Pressure		4- OH - B	bl.	, Go	25 - MC	F	Water	— BP1			•	-
Shut-in; Waiting on gas connection  Robert L. Murdock  35. Lier 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.				<del></del>	<b>►</b> 63.	7	3	,020	AOF'		0		4	9 @ 60	00
35. List of Attrichments  36. I hereby vertify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	34. Disposition of Gas	(Sold, used	for fuel, v	ensed, esc.)		•					Te	st Witne	sped E	y	
35. List of Attachments  36. I hereby vertify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	Shut-in: wai	iting o	n das d	connectio	מכ						R	obert	L.	Murdo	ck
36. I hereby vertify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	The state of the s	The second name of the second				<del>-,</del>									
	36. I hereby certify the	t the inform	nation show	m on both side	es of this f	orm is tr	ue and c	omplete	to the be	st of my	knowl	dge and	belief		
SIGNED	,,, mu									ŕ			·		
SIGNED TIPLE DOCUMENT DATE	<u></u>		2 1	11	1	<u></u> 1	axecut	·ive '	Vice-F	resia	lent		. 1	March	10.19
	SIGNED	aug.	Z: mille	Charles or	TIT	YLE	- AGC UI	- v =	4 T C G F	******		DATE			

FROM: SOUTHWEST RECORDS SEARCH PHONE NO.: 505 7469467

Jul. 18 1997 08:20AM

Submit 3 Copies to Appropriate District Office

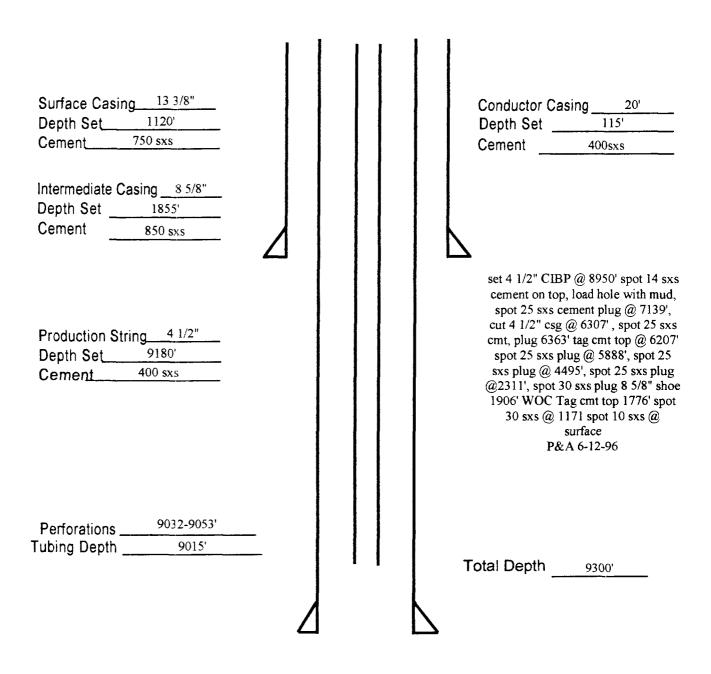
State of New Mexico Energy, Minerals and Natural Resources Department Form C-103 Revised 1-1-89 💍

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION WELL API NO.

I hereb) certify that the information shown on both sides of this form is true and complete to the b	est of my knowledge and belief.
SIGNED Hours ? Meles TITLE Executive Vice-	President DATE March 10,19
FROM: SOUTHWEST RECORDS SEARCH PHONE NO.: 505 7469467	Jul. 18 1997 08:20AM
	<del>(</del>
State of New Mexico  Appropriate Energy, Minerals and Natural Resources Department  State of New Mexico  Energy, Minerals and Natural Resources Department	Form C-103 Revised 1-1-59
OIL CONSERVATION DIVISION P.O. Box 1980, Hobba, NM 88240 P.O. Box 2088	WELL API NO.
ISTRICT II Santa Fe, New Mexico 87504-2088 O. Drawer DD, Artesia, NM 88210	30-015-21686  5. Indicate Type of Lease STATE FEE
OOO RIO Brazos Rd., Azzac, NM 87410	STATE FEE 6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS ( DO NOT USE THIS FORM FOR PROPOSALS TO DRELL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR, USE "APPLICATION FOR PERMIT"	7. Lesse Name or Unit Agreement Name
(FORM C-101) FOR SUCH PROPOSALS.)  Type of Well: OIL GAS WELL XX COTHERS	Jerry Nelson Com
Name of Operator Matador Operating Company	8. Weil No.
i. Address of Operator	9. Pool name or Wildeau Atoka Penn
415 W. Wall, Suite 1101, Midland, TX 79701 Well Location	Atoka remi
Section 14 Township 18-S Range 26-E  Section 14 Township 18-S Range 26-E  Theorem The North Line and 165  Section 14 Township 18-S Range 26-E  Theorem The North Line and 165  Section 14 Township 18-S Range 26-E  Theorem The North Line and 165  Section 14 Township 18-S Range 26-E  Theorem The North Line and 165  Theorem The North Line and 165  Section 14 Township 18-S Range 26-E  Theorem The North Line and 165	NMPM Eddy Coun
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### **Wellbore Schematic**



OPERATOR	Matador Operating Company	
LEASE AND WELL NAME_	Jerry Nelson COM Well #1	
LOCATION	990 FNL & 1650 FWL, Sec 14, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

136,2

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:22AM P8

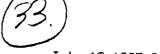
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467



Jul. 18 1997 08:21AM P7

(Pens 0-16)

# NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

#### WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

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I hereby swear or affirm that the information given herewith is	s complete and correct record of the well and all work done on it so the
as can be determined from available records.	October 16 1957
	(Dale)

Company or Operator.

Company or Operator.

Company or Operator.

Address P.O. Box 702, Artesia New Mexico

Position or Title Segretary.

#### MALJAMAR AREA

#### ATOKA SAN ANDRES UNIT-O

Tract 16 Well No. 4

#### Fracture Treatment & P&A

FIELD:

Atoka San Andres

FORMATION:

San Andres

LOCATION:

1650' FNL & 990' FWL of Section 14, T-18-S, R-26-E, Eddy County, New Mexico.

**ELEVATION:** 

3321' G.R.

PERFORATIONS:

1645'-1653' - 4 shots per foot.

LAST TREATMENT PRIOR TO CURRENT WO:

10-8-72 - Squeeze cement casing and 500 Gals. 15% acid.

PRODUCTION PRIOR TO CURRENT WO:

O oil and 1 BWPD.

8-05-74

Moved in Loyd Well Service and pulled rods and tubing. Spotted 200 gallons 15% acid on formation through tubing after pulling rods and pump. Shut down for night.

8-06-74

Rigged up Testers Inc. and blew up Baker Model A Tension Packer at 4700#. Split 3 out of 4 joints of 2-7/8" tubing at 2200 to 2700#. Shut down waiting on 3" frac tubing.

8-07-74

Ran 5-1/2" x 2" x 2-1/2" Guiberson Shorty Tension Packer on 3-1/2" EUE 8 Rd. Tubing and set at 1479' with 12 points tension. Fraced with 40,000 Gals. gelled water, 35,000# 20-40 sand and 5000# 10-20 sand, 400# J-2, 20 Gals. aquaflow, Average Press. 3700#, Maximum Press. 3900# and Minimum Press. 3450#. Average Injection Rate 36 BPM. ISDP 1050#, 10 minute SI 900#. Total load to recover 986 Bbls.

8-08-74

Tied well into frac tank and flowed 170 Bbls. sulpher water in 13 minutes. 900 BPH rate with small stream running out of casing. Hooked up Halliburton and pumped 300 sacks Class C cement with 2% Calcium Chloride down tubing into formation. Displaced cement out of tubing. Had small leak in tubing and let cement come back in tubing 2 joints. Shut down for night.

8-09-74

Ran sinker bar and depthometer in tubing and found cement in tubing. Unset packer and pulled and laid down 3" tubing. Picked up 2" tubing and ran 5-1/2" S.V. E-Z drill packer and set @ 1250'. Pumped into casing between packer and cement plug @ rate of 4 BPM @ 900#. Pulled stinger out of packer and could not get stinger into retainer far enough to open. Spotted 50 sacks Class C on top of retainer and 20 sacks Class C @ 600'. Preparing to clear location and install abandoned well marker.

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# **Wellbore Schematic**

Surface Casing Depth Set Cement	Conductor Casing Depth Set Cement
Intermediate Casing 8 5/8"  Depth Set 1060'  Cement 450 sxs	Set cement retainer at 1245', could
Production String 5 1/2'  Depth Set 1702'  Cement 475 sxs	not pump through retainer after pulling stringer. Spotted 50 sacks class C cement from 1245' to 764'. spotted 20 sacks cement from 610-417'. Spot cement plug from 0-10' & erected dry hole marker. P&A 8-9-74
Perforations1645 - 1653' Tubing Depth	Total Depth

OPERATOR	Kewanee Oil Company	
LEASE AND WELL NAME_	Atoka San Andres Unit Well #4	
LOCATION	1650 FNL & 990 FWL Section 14, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

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(Record the Process used, No. of Qts. or Gabs. used, interval treated or shot.)	
9/26/57 Shot with let gun. A shots to foot from 1645-1653.	
	l-deb <del>de</del> ner-skræer
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State of New Mexic Submit 3 Copies Form C-103 Energy, Minerals and Natural Researces Department to Appropriate District Office Revised 1-1-89 DISTRICT I P.O. Box 1980, Hobbs, NM \$8240 DIVISION WELL API NO. 30 015 00207 P.O. Drawer DD, Artesia, NM \$8210 Indicate Type of Lasse FEE 🔼 DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 6. State Oil & Gas Lause No. SUNDRY NOTICES AND REPORTS ON WELLS ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) ATOKA SAN ANDRES UNIT 1. Type of Well: METT [ OAS WELL INJECTION OTHER 2 Name of Operator 8. Well No. PENNZOIL EXPLORATION & PRODUCTION COMPANY 135 3. Address of Operator 9. Pool name or Wildcat P O BOX 50090 MIDLAND **TEXAS** 79710-0090 ATOKA SAN ANDRES 4. Well Location 1650 Feet From The 2980 NORTH EAST Unit Letter . Feet From The Line 26E **EDDY** Township Range **NMPM** Counc 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3314' GL Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. 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 CASING TEST AND CEMENT JOB OTHER: OTHER: 12. 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. Drill out CIBP @ 1575'. Perf San Andres 1531-32', 1535-36', 1551-52', 1559-60', 1594-95', 1621-22', 1662-71', 1693-1704', 1709-10', 1722-27', & 1730-31' w/2 SPF (68 holes). Acidize San Andres perfs 1693-1731' overall w/2000 gallons of 15% NEFE HCL. Acidize San Andres perfs 1652-60' w/1500 gallons of 15% NEFE HCL. Acidize San Andres perfs 1531-1622' overall w/1500 gallons of 15% NEFE HCL. Fracture treat San Andres 1531-1622' overall w/41,000 gallons of gelled wtr., 31,000 pounds of 20/40/mesh sand, and 20,000 pounds of 16/30 mesh sand. Install injection assembly w/pkr at approx. 1500', perform mechanical integrity test, and place well on injection.

TYPE OR FRINT NAME	Sharon Hindman	Production Assistant	DATE 7/14/97 TISLEPHONE NO. 915 686-3
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WELL RECORD

SEP 3 0 13/57

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent later than twenty days after completion of well. Follow instructions in Rules and Regulat of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copie

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9-30-57

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Address of Operator									10. Field a	nd Pool, o	Wildcar
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one First Production	Proc	iuction Method (Fi	owing, peo li			nd typ	e pump)		Weil St	atus (Prod.	be Shut-in)

33 Do Flowing 9-16-76 MCF 1,400 Prod'n. For Test Period Gas - Oil Ratio Choke Size Ot) -Date of Test 9-22-76 Water - Bbl. Oil Gravity - API (Corr.) Cas - MCF Flow Tubing Press. 915 1,400 · pkr

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
To be connected to Transwestern Pipeline Company

Test Witnessed By Steve Collins

35, List of Attachments

DST Summary, Deviation record(logs mailed directly by Schlumberger)

36. I hereby certify that the information shown on both stiles of this form is true and camplete to the best of my knowledge and belief.

Manager of Petroleum and Natural Gas Engineering

10-15-76

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:27AM P14

#### INSTRUCTIONS

This form is to be filed with the appropriate Divirict Office of the Commission not later than 20 days after the completion of any newly-drilled or despend 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 drill stem tests. All depths reported shall be measured dopths. In the cape 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 Pale 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

#### Northwestern New Mexico Southeastern New Mexico \_\_\_\_\_T. Penn. "B"\_\_\_ T. Canyon T. Ojo Alamo T. Strawn 8228 T. Kirtland-Fruitland T. Atoka 8698 T. Pictured Cliffs T. Anhy\_\_ \_ T. Penn. "C"\_ T. Bait ... \_ T. Penn. "D" --T. Pictured Cliffs \_\_\_\_\_ B. Salt\_ \_\_\_\_\_ T. Atoka \_\_ T. Miss T. Cliff House T. Menetee T. Leadville\_ T. Yates. T. Madison \_\_\_ T. 7 Rivers\_ T. Silurian .... T. Point Lookout \_\_\_\_\_ T. Elbert T. Queen .... \_ T. McCrecken\_ T. Grayburg \_\_ 937 T. Simpson \_\_ \_\_ T. Montoye \_ \_\_ T. Mancos \_\_\_ T. Ignacio Qtzto... \_ T. Gallup \_\_ T. Sac Andres ... 2327 Rase Greenhorn T. Glorieta \_\_\_ \_\_ T. McKee\_\_ \_ T. Granite \_ T. Dakota \_\_\_\_\_ T. Paddock\_ \_\_\_ T. Ellenberger -\_\_\_\_ T. . \_ T. Blinebry T. Gr. Wash \_\_\_\_\_T, \_\_\_ T. Todilto... T. Granito\_ ... T. T. Tubb \_\_\_ \_\_\_\_\_ T. Enu ada -\_ T. \_ T. Drinkard \_\_\_ T. Delaware Sand .... 4480 T. Bone Springs T. Abo 4480 T. Bone T. Woncamp 1 5870 T. \_\_\_ т. -T. Wingste ... T, Chinle\_\_\_ \_\_ T. \_ T. Pan(Upper) 7726 T. \_\_\_\_ T. Permian\_ \_ T. . \_ T. Penn. "A"\_\_ \_ T. ~ T Citco (Bough C) \_\_\_ - T. -

#### FORMATION RECORD (Attach additional sheets if necessary)

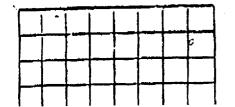
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:28AM P15

(Bostond 7/3/RE) (Pers C-366)



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Well #131

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WELL RECORD 

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Mail to District Office, Oil Conservation Commission, to which Konn. C-101 was sent a later than twenty days after completion of well. Follow instructions in Rules and Regulation of the Commission. Submit in QUINTUPLICATE.

11 State Land submit 6 Copies

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#### Submit 3 Copies to Appropriate District Office

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM \$8240

OIL CONSERVATION DIVISION WELL API NO. P.O. Box 2088 30-015-00194 DISTRICT II
P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088 5. Indicate Type of Lease FEE X STATE DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 6. State Oil & Gas Lease No. 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" 7. Lease Name or Unit Agreement Name (FORM C-101) FOR SUCH PROPOSALS.) ATOKA SAN ANDRES UNIT Type of Well: AET OTHER INJECTION 2. Name of Operator & Well No. PENNZOIL EXPLORATION & PRODUCTION COMPANY 131 3. Address of Operator 9. Pool same or Wildow P O BOX 50090 MIDLAND ATOKA SAN ANDRES TEXAS Well Location 990 Feet From The NORTH В 1650 Feet From The 14 19S 26E **EDDY** hip 198 Range 26E 10. Elevation (Show whather DF, RKB, RT, GR, etc.) **NMPM** 3305' GL 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 L PULL OR ALTER CASING CASING TEST AND CEMENT JOB L OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent dates, including estimated date of starting any proposed work) SEE RULE 1103. 1. Pull out of hole with tbg. & pkr. Clean out to 1687'. 2. Run GR/CNL log from 1687' to 600'. 3. Perf San Andres based on GR/CNL log. 4. Acidize and fracture treat based on perforation procedure. 5. Install injection assembly, perform mechanical integrity test and place well on injection. 7/1//07

MONATURE -	Major /VL	aman m	Production Assistant	DATE	
TYPE OR PRINT NAME	Sharon Hindman			TELEPHONE NO. 915	686-350
(This space for State Use)		,	,	DATE	·
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O, C. D.

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JUL 17 1985 -

O. C. D.

ARTESIA, OFFICE

Form C-104 Revised 10-01-78 Formet 06-01-83 Page 1

# DISTRIBUTION BANTA FE FILE U.B.G.B. LAND OFFICE TRANSPORTER GAS OPERATOR

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

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If change of ownership give r					
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DEXIOO OIL CONSERVATION COMMISSION

Santa Fc, New Mexico

WELL RECORD

RECEIVED FEB 17 1961

Mail to District Office, Oil Conservation Commission, to which Form C-1915 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Copies

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#### RECORD OF DRILLSTEM AND SPECIAL TESTS

If drill-stem or other special tests or dexiation surveys were made, submit report on separate sheet and attach hereto

#### Tools used

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			ed from 930-965	PRODUCT					
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#### ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Autonia New Marino Palmuny 17. 1961

3-HONE NO :50	5 7.0347
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NO. OF COPIES RECEIVED	Form C-103
SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION D	Supersodes Old C-102 and C-103
	Effective 1-1-55
FILE	
U.S.G.S. SEP 9 1970	a. Indicate Type of Leave
LAND OFFICE	State Fce. X
	5. State Oil & Gas Lease No.
G. C.	•
CHAIDRY MOTICES AND DEDODTS ON WELLS	
SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPEN ON BLUE BACK TO A DIFFERENT RESERVOIR.	
	7. Unit Agreement Name
WELL MELL OTHER-	Atoka Grayburg Unit
	a. Form or Lease Name
Kewanee 011 Company	Tract 2
3. Address of Operator	9. Well No.
P. O. Box 3786, Odessa, Texas 79760	10
	10, Field and Pool, or Wildcat
UNIT LETTER A 990 PEET FROM THE NORTH LINE AND 330	Atoka Grayburg
UNIT LETTER	TITTITITITI
7.00	
THE East LINE, SECTION 14 TOWNSHIP 185 RANGE 26E NMPM.	
15. Elevation (Show whether DF, RT, GR, esc.)	12. County
//////////////////////////////////////	Eddy
16.	
Check Appropriate Box To Indicate Nature of Notice, Report or Other	
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CABING
TEMPORARILY ABANDON COMMENCE DRILLING OPHS.	PLUE AND ABANDONMENY
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB	<del></del>
GYMEA Converting to wat	er injection well X
	A
OTHER	
17. Describe Proposed or Completed Operations (Clearly state all persinent details, and give pertinent dates, including a	resimered date of starting any Brobase
coated internally with plastic. Loaded annulus with inhibited water a Started water injection 9-2-70. Well accepting 57 barrels water per o	lay at 0 psi.
16. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE DIVISION Superintendent  APPROVED BY J. A. Lease T. TITLE OIL AND DAE INSTECTOR  CONDITIONS OF APPROVAL, IF ANY:	SEP 9 1970
FROM : SOUTHWEST RECORDS SEARCH PHONE NO. : 505 7469467	Jul. 18 1997 08:30AM P:

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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CPERATOR	1-	1

JIL CONSERVATION DIVESTONE P. O. BOX 2018 SANTA FE, NEW MEXICO 87501 1982

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Form C-103 Revised 19-1-7

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FROM : SOUTHWEST RECORDS SEARCH

ONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO		Jul. 18 1997 08:30AM
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DISTRIBUTION	P. O. BOX 2016	Form C-103
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LAND OFFICE	O. C. D.	State Fee 8
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AN [7]		7. Unit Agreement Name
MELL STHEM	- Injection	
me of Operator	7	8. Form or Lease liame
Gulf Oil Corporation	<b>√</b>	Atoka Grayburg Unit
dress of Operator		9. Well No.
P. O. Box 670, Hobbs,	NIM BROAD .	302
	101 00240	102
cation of Well		10, Field and Pool, or Wildcal
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Tag CIBP at 869'. Ci Spot 123' surface plu  Thereby serify that the information above is  R. R	CASING YEST AND CEMENT JOB OTHER COTHER COTH	including extinuted date of starting any pro
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Describe Proposed or Completed Operations ( work) SEE RULE 1103.  Tag CIBP at 869'. Ci Spot 123' surface plu  Thereby serify that the information above is  RED ATTACK.	Casine very and cement aga other (Clearly state all pertinent details, and give pertinent detect.)  Irculate hole with abandonment mud. Sig. Set dry hole marker. Clean locate true and complete to the best of my knowledge and belief.  Yives Area Engineer	including extinuted date of starting any prospect 35' plug on CIBP. ion. P&A 5-27-82.

# **Wellbore Schematic**

Surface Casing Depth Set Cement	
Production String 7"  Depth Set 950'  Cement 250 sxs	Tag CIBP @ 869' Circulate hole w Abandonment mud. Spot 35' plug on CIBP Spot 123' surface plug Set dry hole marker P&A 5-27-82
Perforations Tubing Depth	Total Depth 965'

OPERATOR	Gulf Oil Corporation	
LEASE AND WELL NAME	Atoka Grayburg Unit Well # 102	
LOCATION	990 FNL, 330 FEL sec 14, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

WELL # 130

The Property of the same

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		To be	響	1		Will Pierry Offer Oil Committee Co.	74 (104 14 1
• 1	ί¥.		**	42.	million.	Mail a Dimin Office Oil Commission Co.	*

Mail to District Office, Oil Conservation Commission, to which Form C-101 was later than twenty days after completion of well. Follow instructions in Rules and Re of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 (

AREA 640 ACRES

LOCATE WELL CORRECT TO THE COMPANY (Company)	1. The second of			Leavitt "5"
Well No.	NE 1/4 of N	14, of Sec. 7/	, r <u>l</u> 8	(IAB) R 26
Well is 330 to of Section 14		•		leet from A.Essr
of Section. 14  Drilling Commenced. 7-18				
Name of Drilling Contractor.  Address	Mahres Dri 345, Artesia, N	lling Company ew M <sub>a</sub> xico		
Elevation above sea level at Top	of Tubing Head		The informati	
	Audio I	OIL SANDS OR 2	ONES	J. ().
No. 1, from	(fisial)		• •	
No. 3, from				
Include data on rate of water		MPORTANT WATER which water rose in ho		
No. 1, from		9	feet.	***************************************
No. 3, from		0	feet,	
By Species		CASING RECO		

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPO
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5 <u>분</u>	14,	new	1740		,		
				·			1

### MUDDING AND CEMENTING BECORD

BIZE OF "	SIZE OF CABING	WHERE	NO. SACES OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10	8 5/8	1100	400	circulate to t	op	
7 7/8	5 <del>5</del>	1740	380	circulate to to	Ò	
				· · ·		

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process	used, No.	of Qu.	or Gals.	used,	interval	treated	OI	shot.)
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8_1_67	Porf From 1670	0 -1620 with	iet am	shotst	a foot		
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Result of Produ	uction Stimulation,	TAS POPU	MILU TV TO	. choke o	II ZZ IIOUP U	EDU O	

ELL CORRESPONDENCE

LEGAL-REGULATORY

	to en				i.	ŧ	. •				
	SAITA FE  FILE  U.S.G.S.  LAND OFFICE	AL	JTHORIZ		EQUEST	AN	OW BLE	NATURAL	GAS	epersedes Old	•
1	TRANSPORTER OIL GAS OPERATOR PRORATION OFFICE			ľ	7	•	ν,		rk !	JUN 26	The Control of
4.	Operator Kewanee 011 (	Compan	·-····································	-		<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del></del>		O. C.	C.
	Address P. O. Box 22		<del></del>	k Lebon	20 7410	)	<del></del>	<del></del>		ARTESIA	0,7
	Reason(s) for filing (Check proper box) New We!1  Recompletion Change in Ownership	Chai Oil	nge in Tran	nsporter		s 🔲	Other (Please	explain)			
	If change of ownership give name and address of previous owner				Conde	134.6		<del></del>			***************************************
11.	DESCRIPTION OF WELL AND I	LEASE									<del></del>
	Lease Name Atoka Grayburg Unit - To	Well	. 1	•	Graybu			Kind of Lea	-	Fee	Legse No.
•	Location Unit Letter H 1	550 Fee	et From The	Nort	th Lin	e and	330	Feet From	The E	as t	
	• •	muhip	188		Range	26E	•	Eddy			County
ш.	DESIGNATION OF TRANSPORT	ER OF				s					
	Name of Authorized Transporter of Oil Havajo Refining Compan Name of Authorized Transporter of Cas Phillips Petrolcum Com	y, Pip Inghead G		Divis	sion	Horth Address	Give address i Freeman Give address i Box 6666	Avenue,	Artesia oved copy o	I Hew Me	xico 83?1
	If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	P.go.		tuaily connecte		hen.	7370.	<del>,</del>
	If this production is commingled wit COMPLETION DATA  Designate Type of Completio Date Spudded	n - (X)	Oil We	11 (	Gas Well	New Well Total Dep	Workover	Deepen	Plug Ba	i 	s'v. Diff. Res'
	Elevations (DF, RKB, RT, CR, etc.,	Name of	Producing	Formatio	on	Top 011/0	Gas Pay		Tubing	Depth	
	Perforations	<u> </u>	. ——————	<del> </del>		<u> </u>		·	Depth C	dsing Shoe	
	HOLE SIZE					CEMENT	TING RECOR			SACKS CEN	
	HOLE SIZE		SING & T	UBING	312 E	<del> </del>	DEPTH SE			3,000	
V.	TEST DATA AND REQUEST FOOIL WELL Date First New Oil Run To Tanks	OR ALL		(Tes able	t must be a e for this de	pth or be fo	ry of total volu or full 24 hours Method (Flou	)		ne equal to or	oroses sop ali
	Length of Test	Tubing ?	o:essure			Casing P	ressure		Choke S	ilze	
	Actual Prod. During Test	OII-Bb:	<b>.</b>	· <del></del> -	<del> </del>	Water - Br	ols.		Gas-M	DF	
								·			
	GAS WELL Actual Prod. Test-MCF/D	Length o	of Test	<del> </del>		Bbls. Co	ndensate/MMC	<del></del>	Gravity	of Condensate	
	Testing Method (pitot, back pr.)		cossma (1	al-tuda	<u>)</u>		reseure (Ehut		Chake S	····	
VI.	CERTIFICATE OF COMPLIANCE	CE					OIL (	CONSER	/ATION.C	COLIMIZESIO	N.
	I hereby certify that the rules and r Commission have been complied above is true and complete to the	vith and	that the	informat	ion given	APPR	OVED	2/12	120.7	<del></del> ,	. 19
	M. Mr. Murd		, ,	H. Th	arp	15	nis form is to	be filed in	n complient	a newly drill	led or deep
	/Signa	f Cler	<u> </u>			tests t	his form mus aken on the I sections of n new and re	well in according this form in	ordence w. nust be fill	th RULE 11	1.
	June 24, 125	· · ·		1	<del></del>	Fi well na	n new and re (ii out only ) ame or numbe	Sections I. r, or transp	II, III, an orter, or oth	er such chan	ge of cond
		1					led wells.		•	•	

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Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission, Submit in QUINTUPLICATE, If State Land submit 6 Copies

LOCATE	ea 640 acres Well Correct Jones		TIO .			Clareen L	AVITT
	(Comp	(My or Operator)			<b>A</b>	(hans)	-A-
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<b>SIFE</b>	WRIGHT FER FOOT	NEW OR	AMOUNT	EIND OF	CUT AND PULLED FROM	PERFORATIONS	FURFORM
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			MUDDING	AND CEMENT	TING BECORD		
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	6/80 7		140	HOWGO			
			P. Co.				
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			**************	***********	*************************	***********	es abstractions characters a position to hilbratus

Result of Production Stimulation

Floring natural 42 bbls. in 72 hours.



Depth Cleaned Out.

## REQUEST FOR (OIL) - (GAS) ALLOWABLE

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well.

New Well Recompletion

wh Cleaned O

Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar fronth of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit. Artesia, New Mexico July 23, 1956 WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

JOHN & Magarthur Franch (Common Well No. 1 (Comment), Well No. 1, in 14 14, ...., NMPM., undesignated Pool Unit Letter Eddy County Date Spudded July 8, 1936, Date Completed July 22, 1956 Please indicate location: B Top oil/gas pay 9501 Name of Prod. Form Lac Lee 24 HE E C Casing Perforations: or Depth to Casing shoe of Prod. String. Natural Prod. Test. BOPD O P based on 42 bbls. Oil in 7 Hrs. 30 Mins. Test after acid or shot.......BOPD Casing and Commuting Record Based on bbls. Oil in Hrs. Mins. Size Feet Sax Gas Well Potential 8 5/8= 7851 550 Size choke in inches. Date first oil run to tanks or gas to Transmission system: July 22, 1956 Transporter taking Oil or Gas: Maleo Oil & Refining Company Remarks: oil haul to Malco Oil & Refining Company by Sam Watson, Trucker. I hereby certify that the information given above is true and complete to the best of my knowledge. Jones & Macarthur Approved AUG 2 1 17 19 19 (Company or Operator) OIL CONSERVATION COMMISSION mine (Signature) Secretary Comstrong Send Communications regarding well to: Name Stanley L. Jones Title PH AND CAS INCUSTORY Address Box 464, Artesia, New Mexico (Record the Process used, No. of Qu. or Gals. used, interval treated or shot.) Floring natural 42 bbls. in 7 hours.

, O COPIES RECEIVED	99	
DISTRIBUTION	CEIVED	Form C-103 Supersedes Old
NEW MEXICO OIL CO	NSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
PILE DO	T 3 1975	i.
U.S.G.S.		State Type of Lease
OPERATOR	D. C. C.	5, State Oil & Gas Lease No
447	esia, defice	
SUNDRY NOTICES AND REPORTS C (00 NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLU USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR S	N WELLS BACK TO A DIFFERENT RESERVOIR. UCH PROPOSALS.)	
OIL A GAS OTHER-		7. Unit Agreement Name
2. Name of Operator	·	8. Form or Lease Name
Kewanee Oil Company Least F.	!	Atoka Grayburg Ur
P. O. Box 3786, Odessa, Texas 79760		10. Field and Pool, or Wilds
UNIT LETTER H , 1650 PEET PROM THE NORTH	LINE AND 330 PEET PRO	
THE East LINE, SECTION 14 TOWNSHIP 18-	S RANGE 26-E	
15. Elevation (Show wheth		12. County
	NA	Eddy
Check Appropriate Box To Indicate		Other Data
PERFORM REMEDIAL WORK PLUG AND ABANDON	BEMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING CHANGE PLANS	CAMMENCE DRILLING OPHS.	PLUG AND ABANDON
PULL ON ALTER COSING	OTHER	
OTHER		~
17. Describe Proposed or Completed Operations (Clearly state all pertinent	letails, and give pertinent dates, includi	ng estimated date of starting an
9-22-75 - Set cement retainer in 8-5/8" concerns call below retainer 0 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% Call 0 550'. Concerns concerns concerns a concerns called the concerns called	psi. Loaded hole above % CaCl on top of retaine irculated 35 sacks Class plate on 8-5/8" casing a o comply with landowners	retainer with mud. r. Spotted 35 sack C with 2% CaCl fro nd cleaned location
CaCl below retainer @ 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% CaCl @ 550'. C 100' to surface. Welded steel Dry hole marker not installed t	psi. Loaded hole above % CaCl on top of retaine irculated 35 sacks Class plate on 8-5/8" casing a o comply with landowners	retainer with mud. r. Spotted 35 sack C with 2% CaCl fro nd cleaned location
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CaCl below retainer @ 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% CaCl @ 550'. C 100' to surface. Welded steel Dry hole marker not installed t witnessed by OCC Representative  18. I hereby certify that the information above is true and complete to the be signed	psi. Loaded hole above CaCl on top of retaine irculated 35 sacks Class plate on 8-5/8" casing a comply with landowners - Leland Mermis.  C7W	choke Size  Compliance with RULE 1104
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CaCl below retainer @ 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% CaCl @ 550°. C 100° to surface. Welded steel Dry hole marker not installed t witnessed by OCC Representative  18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  APPROVED THE STATE OF COMPLIANCE  tereby certify that the rules and regulations of the Oil Conservation minimission have been complied with and that the information given have is true and complete to the best of my knowledge and belief.  (Signetive) Chief Clerk	psi. Loaded hole above 6 CaCl on top of retaine 6 reculated 35 sacks Class plate on 8-5/8" casing a 10 comply with landowners - Leland Mermis.  C7W	choke Size  Compliance with RULE 1104  Compliance with RULE 1104  Compliance with RULE 111.  St be filled out completely for the compliance with RULE 111.  St be filled out completely for the completely for th
CaCl below retainer @ 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% CaCl @ 550°. C 100° to surface. Welded steel Dry hole marker not installed t witnessed by OCC Representative  18. I hereby certify that the information above is true and complete to the be- signed of the state of true and complete to the be- conditions of APPROVAL, IF AND  ERTIFICATE OF COMPLIANCE  dereby certify that the rules and regulations of the Oil Conservation mmission have been complied with and that the information given once is true and complete to the best of my knowledge and belief.  (Signet we) Chief Clerk (Title)	psi. Loaded hole above 6 CaCl on top of retaine 6 reculated 35 sacks Class plate on 8-5/8" casing a 10 comply with landowners - Leland Mermis.  District Manager  IL AND GAS INSPECTOR  APPROVED  By  CIL ALL  This form is to be filed in a coord well, this form must be accompated to a least taken on the well in accord All sections of this form must be no new and recompleted we fill out only Sections I. II well name or number, or transport	compliance with RULE 1104  compliance with RULE 1104  compliance with RULE 111.  st be filled out completely for other such changes of cet, or other such changes of cet.
CaCl below retainer @ 1100-1350 Spotted 35 sacks Class C with 2 Class C with 2% CaCl @ 550°. C 100° to surface. Welded steel Dry hole marker not installed t witnessed by OCC Representative  18. I hereby certify that the information above is true and complete to the be signed The Title  APPROVED THE STATE OF COMPLIANCE  TITLE  CONDITIONS OF APPROVAL, IF AND  ERTIFICATE OF COMPLIANCE  Interest Complete to the best of my knowledge and belief.  M. H. Tharp  (Signet we) Chief Clerk  (Title)  June 20, 1253	psi. Loaded hole above 6 CaCl on top of retaine 6 reculated 35 sacks Class plate on 8-5/8" casing a 10 comply with landowners - Leland Mermis.  C7W	compliance with RULE 1104  compliance with RULE 1104  compliance with RULE 111.  st be filled out completely for other such changes of cet, or other such changes of cet.

# **Wellbore Schematic**

Surface Casing Depth Set Cement			
Production String 8 5/8"  Depth Set 785'  Cement 550 sxs		@ 74 w/2 <sup>6</sup> 1100- retaine Clas Circul CACl f	nent retainer in 8 5/8" casing 4' Pumped 150 sxs Class C % CACl below retainer @ 1350 psi loaded hole above r with mud. spotted 35 sacks is C with 2% CaCl @ 550' ated 35 sxs Class C with 2% from 100' to surface. Welded plate on 8 5/8" casing and ned location. P&A 9-22-75
Perforations Tubing Depth		Total De	pth955'

OPERATOR	Kewanee Oil Company	
LEASE AND WELL NAME	Leavitt#1 - Atoka Grayburg Unit	
LOCATION	1650 FNL & 330 FEL, Sec 14, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

		late of 1	er than twenty the Commission	days after coon. Submit in C	npletion of wel QUINTUPLIC.	l. Follow instruc ATE. If St	tions in Rules as ate Land submi	id Regulat t 6 Copie
ARE/	A 840 ACRES VELL CORRECTLY							
	Grilling G					Leavitt	"5"	******
	(Company	or Operator)	<b>1</b> %, 0	24	T	(Lease)	. 262	NN
ell No	io		A) \	A Constitution of the Cons		*****	A separate se	
24				, <b>P44)</b>	10			
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Section	Palate	If State Land				late (		
illing Commen	ced		a continue and a continue of the continue of t	Drilling	was Completed			
une of Drilling	Contractor	7.0	-				********************	************
idress	*****************************						<del></del>	
evation above a	ea level at Top of	Tubing Head		***************************************	The in	dormetica given	is to be kept or	ofidential
7	*************		espire.					
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o. 1, from	997				from	***************************************		
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o. 3, from	<b>X</b>			No. 6,				
or of troilimina								
				INT WATER				
nclude data on	rate of water infi	low and elevation	n to which was	er rose in hole				
io. 1, from	****************			***********	**   ******   ****************	leet.		
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ales:	FE FOOT	CARD	A COLUMN	THOSE STATES	PULLED FROM	PERFORA	10.1	TO POSE
4	9.5		37:10	Clark				
								The same of the sa
					ING RECORI		Mark Control	
FOLE OF	CASING WE	·	EACES THENT	DEST	to purface	MUD		VEED.
	177				ca r. vîr	A STATE OF THE STA		
					الألالا الألالا			

RECORD OF PRODUCTION AND STIMULATION

Seed From 250 distarted absolute for September 10 pool (Seed Section 10 pool (Seed Secti

Honoland and first field back by C. L. L. Manh. M. 2000.

Result of Production Stimulation,

.....Denth Cleaned Out





# PENNZOIL Well Service Report

		4 ~ 4		Service Report		
	Lease API#	: AtoKASAN ANDREAS UNIT	Well # 137	R.U. Date: <u>5/3/95</u> AFE#	R.D. Date: 5/3/9. Foreman: 0, 34	5-
	APH	3001500199		Yard/Rig # N/A	Operator: NA	KKMMOI
	гнж.	AtoKA	Rig Co. N/A	- raiding # No/M	Operator: ///	
				Talland Plan AIIA	Estimated Cost Detail:	
- 1	_	Status: (After Job)     Sone #	Cause of Failure: (Mark 1 & 2)	Failed Size N/A (Standard Size)	Accide	# 700/
$\Lambda$			Bridge in Casing	(Standard Size)	<del>-</del>	- 7000
-	_	Active	Coating Disbondment	Orada	Bridge Plug	<del> </del>
		Plugged & Abandoned	Corrosion	Grade:	Casing	
	_	Shut In emporary Abandoned	Electrical Ground Elect Power Surge	H <sub>C90</sub>	Cementing	18904 J
1	'للك	emporery Abericones	Errosion	C95	OH Tools (non-rental)	704 5
	Typ	• Lift:	Fill in Casing	FG	Elec. Logs	
1	1	Cone 8	Pounding Fluid		Environmental	
		Nect. Sub Pump	Gas Look or Interfernece	J55	Equip. Testing	
	THE P	Powing	Handling	LBO	ESP	
		Ses Lift	Make Up Torque	N80	Fishing	
	HT,	tydraulic	Paraffin	TP105	Formation Tst.	
		njector	Sand	□ss	Frec	
/	-	Aoyno Pump	Scale	Пc	Freight	
1		Rod Pump	Tagging Bottom	′ [7 <sub>b</sub>	Gang	
	<u> </u>	Mator Supply	Trash	HEL	Hot Oii	
	l l	Plunger Lift	Unknown	HS	Hot Water	
,		-	Washed Out	∏ĸ	Hydro Test	
/	Ressor	) For Work:	Wear	∏kD	Location	
<b>V</b>	X Acid	Stimulation		N97	Mud	
	Che	micel Inhibit or Squeeze	Felled Nem: N/A		Other	
	Clea	n Out	Casing	Coating: N/A	Perforate	
	Dee	pen	ESP	Cement '	Pump	
	Envi	ronmental Necessity	Pump	Duoline	Pump Trik.	
	Equi	pment Change (Resize, etc.)	Rod	☐]FG	Rental Downhole	
-	Equi	pment Failure	Tubing	HOPE	Rental Surf. Equip.	•
1	Frac	Stimulation	Other	None	Reverse Unit	
- 1	Hot	Oil or Hot Water		Plestic	Rig	
	Well	Inspection	Feiled Pert: N/A	Pvc	Rods	
	Long	Stroke	ESP '	Other	Salety	· · · · · · · · · · · · · · · · · · ·
	Cong	ent Completion	ESP Cable	1//4	Scanalog	
	Plug	& Abandoned	ESP Motor	Area Falled: N/A	Sinker Bars	
1	Profi	le Modification	ESP Other	internal	Spooler	
	Patte	ern Realignment	ESP Prot. or Seal	External	Stimulation	
	Pum	p Truck (Test)	ESP Pump	Unknown	Supervisor	····
	Regi	ulatory Regrd Test (H-5)	ESP Separator		Transport	
1	Shut	I in (No downhole work)	Pump	Description:	Tubing	
ĺ	T.A.	(Downhole Work)	Flood Boody	(Additional, If Needed) DUMP ACID JOB	Water	1604
		.114	Reg. Rod Box	pump new NOB	<u></u>	7604
1	Type of	l Failure: N/A	Slim Hole Rod Box			
	<b>——</b>	apsed	On Off Tool	Waller - Marah		
	$\mathbf{H}^{-}$	nhole Electrical	Rod Pin	Failure Depth:		
	Hote		Polish Rod	Number of Jts. or Rods to Failure: \(\text{A}\)		
	_	hanical Failures(ex. Pump, TAC, ESP)	Polish Rod Liner	to range: 77/17		
			Rod Guide			1
	<b>⊢</b>	ipment Part (Break)	Roller Guide			` .
	Plug		Shear Tool		•	•
	<b></b> 1 '	or Crack	Stabilizer			*
	Stuc		Blast Jt			
İ	∐]Una	crewed	Tubing Body			
,			Buil Plug			
			Tubing Coupling			
. 4.	. 8-	•	Mud Anchor			
			Packer Tubus Din			
	r		Tubing Pin			
-			Pin Collar Section Nimple	•		
			Seating Nipple			
			Tubing Anchor	•		
			Change Over	•		••
		•	Working Berrell (Tbg.)		•	•

# PENNZOIL Well Service Report

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mped 500 25 micellar \$4604 (Si Ress 0# Vi	d: ///1.	RU Hu	ghes k	111 7	Ruck	PR	155 4	iD.	on th	NJ to	5a	# 1/1	okt.	
mand 500	OAK	1500	NFIFE	HCL	Acid	MIV	ed o	3/	TOAK	11/05	TOPA	1 1/111	THOM T	Cochair-
OF MUROLLA	7	hask	75/1	00/	Dull	1000	15 1	100	1 75	1/02	Am	CHATA	A) 100	alc
CALAILO		JAND.	1576	Shar	W Ca	Jacob	1) 1 to	40	$\frac{(\cdot \ )}{\alpha C h}$	1000	MC	17010	209	PAA
74604 (3	UKTAC	CT/INT	n Fly	Shea	$\omega_f$	400	6/5	Tre	SN W	MER	E	He H	IPRY 3	PPI
Ress O* V	<u>1C.</u>	SI 1	OR 4	12 hR.	<u>S, T</u>	Ace	du	1er	CON	PROCE	<u>'</u>			
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			Btm @		Rod / P	ump Land	no Deta							
Description	# Rems	Length	Depth	00	Box	Grade		less	Costing	Bran	4	Pur	np API	API SN
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Description	(e tame )	Length	Birn @	00		ing Landir Grade		Three	Class	Coating	10	Don ID	) Breig	1 10000
Description or DE Correction	(# Name	Length	Birn @ Depth	00	Tub Weight			Three	i Class	Coating	IO .	Drin ID	Sing	NAC CAN
or DF Correction	e Rams	Length		00				Three	Class	Coating	IIO	Drin ID	848	INC QU
or DF Correction	(# Norms	Length		00				Three	d Class	Coating	10	Drin ID	SI SI SI	NEC CIEN
or DF Correction	Ø Rams	Langth		00				Three	Class	Coating	K)	<b>Β</b> ειπ ( <b>ρ</b>	aran aran	MO QUA
or DF Correction	Ø Rems	Length		00				Three	d Class	Costing	10	Drin ID	822	MO Que
Description or DF Correction g above Ground Level	é lleme	Length		00				Thread	Class	Coating	10	<b>Σ</b> ηπ Ι <b>Σ</b>	8/26	MIC CIE
or DF Correction	( Rems	Length		00				Three	Class	Coating	B.	Dnn ID	21212	INC CON
or DF Correction	( a Name	Length		00				Three	S Class	Coating	10	Dnn ID	SISE	MO GEL
or DF Correction	(a llerne	Length		00				Three	Cless	Costing		Drin ID	Erzic	MO OBI
or DF Correction	(a lierne	Length		00				Threec	S Class	Coating	IIO	Dan ID	Ersic	MO OS
or DF Correction	Ø Norma	Length		00				Threec	d Class	Coating	100	Dan ID	Ersic	INCO CON

FILL DEPTH:

Well # 160 Form C-105 Revised 10-1-78 Sa. Indicate Type of Lease State NEW MEXICO 87501 S. Sinte Oll & Cus Lease No WELL COMPLETION OR RECOMPLETION REPORT AND LOG 8. Farm or Lease Name STHER 4. Well No. 160 10. Fleid and Pool, or Wildean Atoka San Andres Eddy . . Cable Tools 23. Intervals , Rotary Tools Drilles By , Yes

40 OFFICE C OF WELL Atoka San Andres U ### D IPE OF COMPLETION BEEFEN Chevron U.S.A. INC. P.O. Box 670, Hobbs, NM 88240 550 FEET FROM THE NOTTH LINE AND \_\_ LOCATED \_\_\_ 26E 18S West wine or sec. 16. Date T.D. Reacnes 17. Date Campi. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR. etc.) 19. Elev. Cashinghead 2-25-88 4-7-88 3295 2-20-88 tar Depth 121. Plus Beer T.D. 22. If Muitiple Compi., How 1800 1850 Sucing Interval(s), or this completion — Top, Bottom, Name no Atoka San Andres 1553-1599 1684-1701 De Electric and Other Logs Run 27. Was Weil Cared .no ... Cr/CCL/CRL CASING RECORD (Report all strings set in well) WEIGHT LB./FT. ASING SIZE CEMENTING RECORD AMOUNT PUL DEPTH SET HOLE SIZE 12 1/4" 450sx CF C 8 5/8 930 1 24# 7/8" 425sx CI C 1850 5 1/2 15.5# LINER RECORD TUBING RECORD 30. SCREEN BOTTOM SACKS CEMENT SIZE DEPTH SET PACKER S 2 3/8 1783 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. foreston Record (Interval, size and number) DEPTH INTERVAL ANOUNT AND KIND MATERIAL USE 1684-1701 w/ 2JHPF 180°, 34 holes 1 2500 gal. 15% NEFE 1684 1701 1553, 1560-68, 1573, 1592, 1599 (24-holes) 2 SPF, 180° phase 11,000gal HPGXL 1800 gal 15% NEFE 1553 13000gal 40# HPGXL, PRODUCTION Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in. rat Production 3-2288 prod Dump Gus-Oil Ratio Water - Bbl. O11 -- Bbt. Cas - MCF Hows Teste Chose Size 2"00 407 24 Calculated 24- Oil — 8bi. How Rate 38.2 @ 60 bing Press. Casing Pressure Test Witnessed By cutton of Gus (Soid, used for fuel, vented, etc.) of Attachments eby certify that the information shown on both states of this form is true and complete to the best of my knowledge and belief March 15 Staff Drlg. Engr

EN MEDICO THE THAT SEPARTMENT

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CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies to Appropriate District Office	State of New Energy, Minerals and Natural			Form C-100 Revised 1-1-5
DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Ariania, NM 88210	OIL CONSERVAT P.O. Box 2 Santa Fe, New Mexic	2088	WELL API NO. 30-6 5. Indicate Type of	
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410			6. State Oil & Ges	STATE F
( DO NOT USE THIS FORM FOR P DIFFERENT RES	TICES AND REPORTS ON WARDPOSALS TO DRILL OR TO DEEP ERVOIR. USE "APPLICATION FOR C-101) FOR SUCH PROPOSALS.)	PEN OR PLUG BACK TO A	7. Lease Name or	Unit Agreement Name ANDRES UNIT
1. Type of Well: OL. X WELL X WELL	Ones			
2. Name of Operator PENNZOIL EXPLORATION	& PRODUCTION COMPANY		8. Well No.	60
1	ND TEXAS 79710-0090		9. Pool same or WATOKA	ilden SAN ANDRES
4. Well Location	50 Feet From The NORTH	Line and 5	00 For France	The WEST
Section 13	Township 18S	Range 26E	NMPM EDD	
	10. Elevation (Show what	her DF, RKB, RT, GR, etc.)		
	Appropriate Box to Indicas NTENTION TO:		Report, or Other BSEQUENT R	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN		PLUG AND ABANDONI
PULL OR ALTER CASING	_	CASING TEST AND C	EMENT JOB []	
OTHER:		OTHER:		
12. Describe Proposed or Completed Op- work) SEE RULE 1103.	eracions (Clearly state all pertinent detail	i, and give pertinent dates, incl	mans extracted date of	starting any proposed
				•
	4P & RODS. NU BOP.	204 061 16201 1904 061 15	111 - 121 12461	
2 JHPF (28 HOLES).	NS. PERF'D BETWEEN 1500' - 04', 1 500 - 1746', W/5500 GALS 15% NEFE		RE	CEIVED
LAYED DOWN 27/	8" WS. TIH w/2 3/8" PROD. TBG.		U	EC 0 1 1995
RIH W/PUMP & RO	DS. PLACED WELL ON PROD.			7
WELL PROD. 14 BC	9, 8BW.		OIL	CON. DIÑ Dist. 2
1 hander and the desired	true and complete to the best of my knowledge	and balis?		
Shula	y Hindra	Production	Assistant	DATE11/30/9
TYPEORPEDIT NAME Sharon H	indman			915 686-3505 TELEPHONE NO.
(This space for State Use) ORIGINAL SI	CNED BY TIM W. GUM			DEC - 7

***************************************			<b>(</b>			t	Nell 7	1/2	
NO. OF CO	PIES RECE	IVED				•	Form C-103		
DIST	RIBUTIO	ų .					Supersedes O C-102 and C-		
SANTAF	E		NE	W MEXICO OIL CONS	ERVATION COMMISSION		Effective 1-1-		
FILE									
U.S.G.S.					•		5a. Indicate Type	of Legse	
LAND OF	FICE						State	Fee	· 🗶
OPERAT	OR						5, State Oil & G	s Lease No.	. ,
			SUNDRY NOTICES	AND REPORTS ON	WELLS			1111111	
(0)	O NOT USE	THIS FORM	FOR PROPOSALS TO DRIL	L OR TO DEEPEN OR PLUG B.	ACK TO A DIFFERENT RESERVOIR H PROPOSALS.)	t.		((((((	
1.							7. Unit Agreeme	it Name	
WELL	_	GAS WELL	OTHER-		•		Atoka Sa	a Andres	Unit
2. Name of				<del></del>			8. Form or Leas		*****
Kewa	nes Oil	Comp	any				Tra	ct 19	
3. Address						<del></del>	9. Well No.		
P. 0	. Box :	3786.	Odessa, Texas	79760			Nel	1 No. 2	
4. Location	of Well		****				10. Field and Pa		
		9	990	Korth	330		Ato	ka (SA)	
UNIT L	ETTER			T FROM THE	LINE AND	FEET FROM	innini."	iiiiiii	7777
	West		13	18-5	26 <b>-</b> E				
THE		LIN	E, SECTION	TOWNSHIP	RANGE	ММРМ			
111111	77777	TTTT	111111111111111111111111111111111111111	Elevation (Show whether	DF, RT, GR, etc.)		12. County	7/////	7777
				3300° G.	R.		Eddy		
16.	77777	77777			· · · · · · · · · · · · · · · · · · ·				.,,,,
					ature of Notice, Repo				
• .		NOTICE	OF INTENTION	го:	SUBS	EQUEN	IT REPORT OF		
		<u></u>		r#h	•	_			
PERFORM R	EMEDIAL W	ORK		PLUG AND ASANDON	REMEDIAL WORK		ALTE	RING CASING	
TEMPORARI	LY ABANDO	м			COMMENCE DRILLING OPNS.		PLUG	AND ABANDONME	ENT
PULL OR AL	TER CASING	· []		CHANGE PLANS	CASING TEST AND CEMENT JQ	• 🔲			
gine e y	•				OTHER				$-\Box$
1.5 ∫OTHER_									
· ·			(0)	1 11	ails, and give pertinent dates	1 12			
2. I	Load th Spot 3. Spot 1	sack	ks cement plug	1. said (25 sack (30°) on top o ') in 5-1/2° ca	s gel per 100 bar f bridge plug. sing at surface.	EFS ACT	KOC - WILL JRW	974	
SIGNED	ey 6	llie.	sett		Uistrict Hans		DATE	-6-74 2-12-7 Witz	14 1es s
				U					

NO. OF COPIES RECEIV	ED					<b>\</b>	_	
DISTRIBUTION	<del></del>					3	Form C Revise	-105 d 1-1-65
SANTA FE		NEW	MEXICO OIL CON	CEDVATION		.1	5a. Indicat	e Type of Lease
FILE			ETION OR REC				State [	Fee 🗶
U.S.G.S.							5. State Of	1 & Gas Lease No.
LAND OFFICE								
OPERATOR ·								
la. TYPE OF WELL	<del></del>	<del></del>					7 Unit Ac	reement Name
•	OIL	GAS WEL					_	•
p. TYPE OF COMPLE	TION	LLA WELI	DRY	OTHER	<del></del>		8. Form or	San Andres Unit
NEW I WO	RK DEEPE	PLUG BACK	DIFF. RESVR.	OTHER				Tract 19
2. Name of Operator				- OTRER			9. Well No	LINE IS
Kewance Of 3. Address of Operator	1 Company	<del></del>						Well No. 2
			Scene :				10. Field o	md Pool, or Wildcat
4. Location of Well	3786, Odesi	ia, iexas	79760					Atoka (SA)
.,								
UNIT LETTER	LOCATED	990	FROM THE HOTT	LA LINEAUS	330	FEET FROM		
			1 NOW 1 NE	TITTE	HIXIII	TTTTTT	12. County	<del>/////////////////////////////////</del>
THE HEST LINE OF	sec. 13 T	WP. 18-5 R	SE. 26-E NMPM				Eddy	
15. Date Spudded	16. Date T.D. F	Reached 17. Date	e Compl. (Ready to 1	Prod.) 18. E			R, etc.) 19	Elev. Cashinghead
<b>&amp;-27-56</b> 20, Total Depth	101 501	g Back T.D.	-10-56		3300*	G.R.		3299
1797 °	21. Piu	1987°	Many	le Compl., Hov	23. Interv	als Rotar	y Tools	Cable Tools
24. Producing Interval(	s), of this comple		m. Name			<u>→ ;∪ •</u>	1/8/	25. Was Directional Survey
	-,, <b>,</b>	10, 2011	,					Made
1678'-1750	San And	ires						
26. Type Electric and C	Other Logs Run  GR-N Log	7.7.					27.	Was Well Cored
28.		CA	SING RECORD (Rep	ort all strings	set in well)			
CASING SIZE	WEIGHT LB.	1	1	LESIZE		NTING REC	ORD	AMOUNT PULLED
8-5/8	32		101	10"	400 Sac			
5-1/2*	14	1/	97	6"	450 Sac	KS		
	<u> </u>						· · · · ·	
29.		INER RECORD			30.		TUBING REG	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	<del></del>	PTH SET	PACKER SET
3122		BOT 1011	SACKS CEMENT	JORELIN	3122		. IN JET	PACKER SET
· · · · · · · · · · · · · · · · · · ·								
31. Perforation Record	(Interval, size an	d number)		32.	ACID, SHOT, I	FRACTURE,	CEMENT S	DUEEZE, ETC.
1720*-1750	u 20 11.3				INTERVAL			IND MATERIAL USED
16781-1696		es 		1678 -1				15% Acid
10/0 -1050	72 701	E.)		1678'-1	750.	50,30	O# Sand	
						<u> </u>	<del></del>	<del> </del>
33			PPOF	DUCTION				
33.  Date First Production	Prod	uction Method (Flo	owing, gas lift, pum		d type pump)		Well Stat	us (Prod. or Shut-in)
		•	5. <b>2</b>	. •				ihut-In
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas — MC	F Wat	er - Bbl.	Gas-Oil Ratio
Flow Tubing Press.	Casing Pressu	re Calculated 2 How Rate	24- Oil — Bbl.	Gas - N	ACF V	Vater — Bbl.	0.	il Gravity - API (Corr.)
	(Cold and C	al vertical	<u>≯                                    </u>			120-	· Witness	Rv
34. Disposition of Gas	(Sold, used for fu	ei, vented, etc.)				l'es	t Witnessed	БУ
35. List of Attachment	s	· · · · · · · · · · · · · · · · · · ·						
							<del>,</del>	
36. I hereby certify the	at the information	shown on both sid	les of this form is tr	ue and comple	te to the best o	f my knowled	ige and beli	e f.
l -	0-			Dia+-	irt Mana-	42		S_6_7A
SIGNED 27	Stuck	Jan Q	TITLE	U1361	ict Manag	<b>5</b> 1	DATE	8-6-74

#### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of 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 ducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true verticals be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicational land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

#### Southeastern New Mexico

#### Northwestern New Mexico

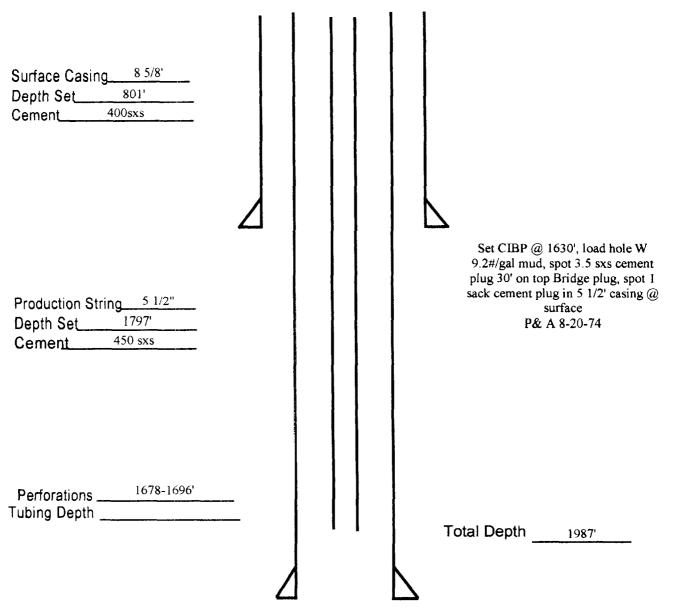
							•
T.	Anhy	T.	Canyon	T.	Ojo Alamo	т.	Penn. "B"
T.	Salt	T.	Strawn	T.	Kirtland-Fruitland	T.	Penn. "C"
B.	Salt	T.	Atoka	T.	Pictured Cliffs	т.	Penn. "D"
T.	Yates	T.	Miss	T.	Cliff House	т.	Leadville
T.	7 Rivers	T.	Devonian	T.	Menefee	т.	Madison
T.	Queen	T.	Silurian	T.	Point Lookout	T.	Elbert
T.	Grayburg	T.	Montoya	T.	Mancos	Т.	McCracken
T.	San Andres	T.	Simpson	T.	Gallup	т.	Ignacio Qtzte
T.	Glorieta	т.	McKee	Bas	se Greenhorn	Т.	Granite
T.	Paddock	T.	Ellenburger	T.	Dakota	т.	<del></del>
T.	Blinebry	T.	Gr. Wash	T.	Morrison	T.	
T.	Tubb	Τ.	Granite	T.	Todilto	т.	
T.	Drinkard	T.	Delaware Sand	T.	Entrada	т.	
T.	Abo	T.	Bone Springs	T.	Wing ate	т.	
T.	Wolfcamp	T.		Т.	Chinle	т.	
T.	Penn.	٠Т.		T.	Permian	т.	
T	Cisco (Bough C)	T.		T.	Penn. "A"	т.	

#### FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
0 20 30 183 512 539 640 700 725 845 995 1540	20 30 183 512 539 640 700 725 845 995 1540 1797	60 25 120 160 545	Top Soil Gravel Red Beds Gyp, Red Beds Gyp, Anhydrite Gyp, Anhydrite, Lime Gyp, Annydrite Lime Lime Lime Lime Lime Lime Sandy Lime				
	. •						

DISTRIBUTION	•	
S, NTA FE	NEW MEXICO OIL CONSERVA PONEDOMESIDINE E	Effective 1-1-65
U.S.G.S.	SEP 1 1 1974	5a. Indicate Type of Lease
OPERATOR /	OL( 1115/4	State Oil & Gas Lease No.
SUNDRY NOTIC	CES AND REPORTS ON WELLS ARTEBIA, OFFICE	minimini
(DO NOT USE THIS FORM FOR PROPOSALS TO USE "APPLICATION FOR PEI	DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	
OIL GAE WELL OTHER	•	7. Unit Agreement Name Atoka San Andres I
2. Name of Operator		8. Farm or Lease Name
Kewanee Oil Compa	iny	9. Well No.
P. O. Box 3786, Oc	dessa, Texas 79760	Well No. 2
	FEET FROM THE NOrth LINE AND 330 FEET PRO	Atoka (San Andres
THE Wost LINE, SECTION 1	3 TOWNSHIP 18-S RANGE 26-E HMP!	
	15. Elevation (Show whether DF, RT, GR, etc.) 3300' G	12. County Eddy
16. Check Appropri	ate Box To Indicate Nature of Notice, Report or O	
NOTICE OF INTENTIO	ON TO: SUBSEQUE	NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ASANDON PULL OR ALTER CASING	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMEN
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
OTHER		
17. Describe Proposed or Completed Operations ( work) SEE RULE 1703.	Clearly state all pertinent details, and give pertinent dates, including	ng estimated date of starting any pro
	unseating packer. Pushed 3 joints 2-3	•
	n and set cast iron bridge plug @ 1594'.	
Spotted 25 sack plus	ud and spotted 5 sacks cement on bridge @ 962' and 10 sacks from 0' - 80'.	plug.
;		
	•	
		•
·		· · · · · · · · · · · · · · · · · · ·
Control Control		÷
The second secon		•
To the shall what the information should be	true and complete to the best of my knowledge and belief.	<u>:</u>
18. I hereby certify that the information above is t		<u>:</u>
SIGNED I F Strusseans	inde and complete to the best of my knowledge and british	<u>.</u>
- PMI	District Manager	DATE September 10
T.	. · -	September 10
APPROVED BY SOME CONTRACTOR	. · -	DATE September 10
CONDITIONS OF APPROVAL, IF ANY	District Manager	
CONDITIONS OF APPROVAL, IF ANY	District Manager	
CONDITIONS OF APPROVAL, IF ANY	District Manager	
	SUPERVISOR, DISTRICT II	DATE FEB 26 1975
CONDITIONS OF APPROVAL, IF ANY ANY AND APPROVAL, IF ANY A	SUPERVISOR, DISTRICT II OIL CONSERVA	
/I. CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations	OIL CONSERVA of the Oil Conservation   APPROVED	DATE FEB 26 1975
/I. CERTIFICATE OF COMPLIANCE	SUPERVISOR, DISTRICT II  OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  District Manager  OIL CONSERVA  JUN 2  APPROVED  BY	TION COMMISSION 71059 , 19
I hereby certify that the rules and regulations Commission have been complied with and th	SUPERVISOR, DISTRICT II  OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  District Manager  OIL CONSERVA  JUN 2  APPROVED  BY	DATE FEB 26 1975
I hereby certify that the rules and regulations Commission have been complied with and th	OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  TITLE  This form is to be filed	TION COMMISSION  7 1050 , 19  6.'S INSPECTOR  In compliance with RULE 1104.
I hereby certify that the rules and regulations Commission have been complied with and th above is true and complete to the best of m	OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  M. M. Tharp  District Manager  OIL CONSERVA  JUN 2  APPROVED  BY  TITLE  This form is to be filed  If this is a request for a	TION COMMISSION  71050  G'S INSPECTOR  in compliance with RULE 1104  llowable for a newly drilled or demonstrated by a tabulation of the demonstration of th
/I. CERTIFICATE OF COMPLIANCE  I hereby certify that the rules and regulations Commission have been complied with and the above is true and complete to the best of many and the complete to the complete to the best of many and the complete to the complet	OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  M. M. Tharp  District Manager  OIL CONSERVA  JUN 2  APPROVED  BY  TITLE  This form is to be filed  If this is a request for a well, this form must be accounted to the second tests taken on the well in a	TION COMMISSION  71050, 19  G'S INSPECTOR  in compliance with RULE 1104  Illowable for a newly drilled or d  mpanied by a tabulation of the d  ccordance with RULE 1111.
I hereby certify that the rules and regulations Commission have been complied with and th above is true and complete to the best of m  (Signature) Chief Cler (Title)	OIL CONSERVA  Of the Oil Conservation at the information given by knowledge and belief.  M. M. Tharp  TITLE  This form is to be filed  If this is a request for a well, this form must be accounted to the staken on the well in a All sections of this form able on new and recompleted.	TION COMMISSION  71050, 19  22.7  G.S. INSPECTOR  In compliance with RULE 1104  Illowable for a newly drilled or dempanied by a tabulation of the decordance with RULE 111.  In must be filled out completely for wells.
I hereby certify that the rules and regulations Commission have been complied with and the above is true and complete to the best of many contractions (Signature)  Chief Cler  (Title)  September 3,	OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  M. M. Tharp  TITLE  This form is to be filed  If this is a request for a well, this form must be accounted to the content of th	TION COMMISSION  71050, 19  22  G'S INSPECTOR  in compliance with RULE 1104. Illowable for a newly drilled or dependence with RULE 111. In must be filled out completely for devela.  I. II. III. and VI for changes of porter, or other such change of c
I hereby certify that the rules and regulations Commission have been complied with and th above is true and complete to the best of m  (Signature) Chief Cler (Title)	OIL CONSERVA  of the Oil Conservation at the information given by knowledge and belief.  M. M. Tharp  TITLE  This form is to be filed  If this is a request for a well, this form must be accounted to the content of th	TION COMMISSION  71050, 19  2:

## **Wellbore Schematic**



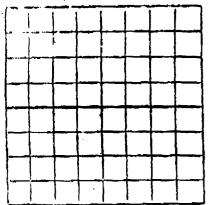
OPERATOR	Kewanee Oil Company	
LEASE AND WELL NAME	Atoka San Andres Unit - well #2 Tract 19	
LOCATION	990 FNL, 330 FWL, Sec 13, T-18-S, r-26-E	
COUNTY AND STATE	Eddy County, New Mexico	



## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission, Submit in QUINTUPLICATE, If State Land submit 6 Copies

LOCA	area 610 acri Fe Well Cori	RECTLY							
**********		es & Mac		**********************		Leav	(Lease)	***************************************	
Well No	. 2	.,	- 14 of NW		17	T	18	26E	NMI
M-10 t-				Pool,	***********	330		West	Cou
Well is						*****	(00° EVO[0]	*************************	
of Section	idana administration		tate Land the Oil				Nov.		10 50
			2 <u>1</u> Mahres Drill						19,,,,;
	ling Contracte		tes <b>ia,</b> New !	*****	Y.,		********************	***************************************	15.7
Address				4000		.,		and the same of the same district	
Elevation abo	ve sea level at		g Head	3300.04	A. Bernangorgeage	The informa	tion given is to	be kept confident	dal y
				dil sands or					
No, 1, fram		***************************************	974	., No.	4, from	<b>0</b> 07+1375+1170+1+14004+1		****************	
No. 2, from	1668	······································	1700	No.	5, from	edisəm existminatedisə		*******	
Yo. 3, from		,		No.	6, from				
			T.	OBTANT WATE	er sands				
nclude data	on rate of wa	ter inflow and	elevation to which						
No. 1, from				<b>0</b> 9,255540000000000000000000000000000000000		feet	· · · · · · · · · · · · · · · · · · ·	<b>TATE OF SECURITY </b>	
io. 2, from	**************	q=0.000 y o po 200 c ape 000 c augus		**********	********	leet	* *******************	*****	7),
io. 3, from	***************			************************************	*******	(cc)	* ************	izane a dise con section ne subse en troct e	
No. 4, from	***************************************	************		**********		lees	e den afranzösikken eittilde	saasemeter inn in saare seed mbe	
	u.			CASING REC	ORD			· 建筑(X)。	
	AEIOE.		OR AMOUN	EIND OF	CUT	AND D FROM	erforations	FURROR	
8 5/8	32#	Use	d 801	Float			6/8-1696		
5 }	1/.#		1797	Float					
					1. 6.				
			MODDE	G AND CEME	ITING BE	CORD			
BOLE OF BOLE	SIZE OF CARDING	WHICH SEE	NO. SACES OF ORIGINAL AOU	HONCO	D .	ORAV	) TT	AMOUNT OF MUD USED	
6 5/8	5:	1797	450	HOWCO					
			BECORD O	PRODUCTION	I AND ST	DIULATION			(A)
		(Record	the Process used,	No. of Qu. or	Jala. used,	interval treat	ted or shot.)		
	***************************************	****************	***********	*************	************	*************			
11-3	-56 Pre	orated 1	678-1696 Sa	nd Frac wit	h 10,000	Gal oi	l and 10,00	O Lbs sand	
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Result of Pro	duction Stimu	lation	Recove	red frac ol	l, flow	ing 50 B	OPD, 3 Barr	el Water	
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# NEW MEXICO CHI CONSERVATION COMMISSION SEP 27 1955

Oil Cons. Comm.

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

If State Land submit & Copies

General of Company of Company (Company of Company) (Company)	LOCA	AREA 640 ACR	ea Buctly					
Will No. 2 in 39 % of his 'M, of Sec. 13 T 185 g. 265 NNPN  While No. 2 in 39 % of his 'M, of Sec. 13 T 185 g. 265 NNPN  Will in 1650 feet from Pact T  1650 feet from Pact J  Will in and 990 feet from Pact J  Will in and 990 feet from Pact J  Will in Section 3						L.		44 s savve 444 4 66744 <del>- 4</del> 444 <del>- 4444 - 4444 - 444</del>
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Well is 1650 feet from DOT'TH line and 990 feet from West II  ### Section 13   If State Land the Oil and Gas Lease No. is  ### Section 13   If State Land the Oil and Gas Lease No. is  #### Section 13   If State Land the Oil and Gas Lease No. is  ###################################	Well 110	•	-			•	•	
H Sacte Land the Cit and Gas Leave No. is.  JUNIONG Commenced	W-11 is							•
Agriculture Commenced Service 19 is 56. Drilling was Completed. Service 1. 19 16.  Some of Drilling Contractor. Behres Drilling Company  Box 86.5, Artesia is Hev Marchae  Coll Sands of Sones  Box 86.5, Artesia is Hev Marchae  OIL Sands of Sones  Box 86.9 in 975  No. 4, from. 100  No. 5, from. 100  No. 5, from. 100  No. 6, from. 100  IMPORTANT WATER BANDS  feet. 100  No. 6, from. 100  Sones  CARING ENCORD  CARING ENCORD  CARING ENCORD  MUDDING AND CEMENTING ENCORD  MUDDING AND CEMENTING ENCORD  MUDDING AND CEMENTING ENCORD  ENCORD OF PRODUCTION AND STIMULATION  (Record the Froces used, No. of Qia. or Gala used, interval unased or shot.)  Result of Production Stimulation.								
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IG. TYPE OF WELL

# **Wellbore Schematic**

Surface Casing 8 5/8'  Depth Set 803'  Cement 375 sxs	
Production String Depth Set Cement	POH w/tubing. Left Baker Model A tension packer @ 932' ran GR/CBL logs from 900-30' set CIBP @ 900' TIH w /tubing to 900' Mixed and pumped 210 sxs class C neat cement POH with tubing Filled remainder of hole with cement. Plug 900' -surface Cut off well head. Installed dry hole marker. Plugging operations witnessed by John Robinson with OCD P&A 12-29-85
Perforations Fubing Depth	Total Depth975'

OPERATOR	Chevron USA Inc,	
LEASE AND WELL NAME	Atoka Grayburg Unit - Well # 103	
LOCATION	1650 FNL & 990 FWL, Sec 13, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

AREA 640 ACRES

NEW MIXEOD OF CONSERVANCE

WELL RECORD

D. C. C. ARTESIA, OFFIC

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sen later than twenty days after completion of well. Follow instructions in Rules and Regul of the Commission. Submit in QUINTUPLICATE.

11 State Land submit 6 Cop

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Energy, Nimerals and Natural Resources Department

**c**∙103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION P.O. Box 2088

WELL API NO.

	30-0-15-00185
5.	Indicate Type of Lease

DISTRICT III	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410	6. State Oil & Gas Lesse No. N/A
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.)	7. Lease Name or Unit Agreement Name
1. Type of Well:	ATOKA SAN ANDRES UNIT
OIL GAS OTHER Water Injection	
2. Name of Operator	8. Well No.
PENNZOIL EXPLORATION & PRODUCTION COMPANY  3. Address of Operator	138
•	9. Pool name or Wildcat
P O BOX 50090 MIDLAND TEXAS 79710-0090 4. Well Location	ATOKA SAN ANDRES
Unit Letter E: 1680 Feet From The NORTH Line and 9	990 Feet From The WEST Line
Section 13 Township 18S Range 26E	NMPM EDDY County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
	<u> </u>
11. Check Appropriate Box to Indicate Nature of Notice, I	-
NOTICE OF INTENTION TO:	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	X ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLIN	NG OPNS. DPLUG AND ABANDONMENT
PULL OR ALTER CASING CASING TEST AND C	CEMENT JOB
OTHER: OTHER:	
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inc	luding estimated date of starting any proposed
work) SEE RULE 1103.	
MIRU POOH W/RODS. ND WH AND NU BOP.	
RIH W/3 1/8" SELECT FIRE PERF GUN. PERF'D SAN ANDRES 1586-92 HOLES).	2', 1607', 1684', 1722-30' W/2 JHPF (36
ACIDIZE SAN ANDRES PERFS W/ 4800 GALS OF 15% NEFE Hel ACID.	
SWAB ACID WTR. RD SWAB EQUIPMENT.	
POOH AND LD 2 7/8" WS AND PKR.	
RIH W/2 3/8" PRODUCTION TBG. SET PKR @ 1544'.	\ . = ==
ND BOP, NU WH. LAY INJ. LINE FR/WTR FLD STATION TO WH.	X
PLACE ON INJECTION 30 BBLS/HR @ 600#.	
I hereby cartify that the information above is true and complete to the best of my knowledge and balief.	
	Assistant 01/11/96
SIGNATURE Thurson / Lidary ITTLE Production	Assistant 01/11/96 915 686-3505
TYPEORPRINTNAME Sharon Hindman	TELEPHONE NO.
(This space for State Use)	

_	TYPE OR PRINT NAME	Sharon	Hindman	 	TELEPHO	NE NO.	_
-	(This space for State Use	a)	<del></del>				
	APPROVED BY————————————————————————————————————			TITLE	 DATE		_

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is and mercas (pitot, buck pr.)

I hereby critify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the heat of my knowledge and belief.

ublng Prossure ( Shut-in )

OIL CONSERVATION COMMISSION OUT 3 0 1978 OCT 3 0

Choke Size

APPROVED

Cooling Fressure (Sauc-an )

SUPERVISOR, DISTRICT, II

This form is to be filed in compliance with nuck If this is a request for allowable for a newly drilled well, this form must be accompared by a tabulation of tests taken on the well in accordance with MULL 111.

All rections of this form must be filled out completable on new and recompleted wells.

Fill out only Sections I, II, III, and VE for change will make at number, or transporter, or other such change Senurate Forms C-104 must be filed for each por

Area Engineer

10-16-78

**CAREWELL** CORRESPONDENCE

(Date)

(Title)

36 WELL DATA SHEET

IEASE: ASAU	WELL 1	NO.: 157 FIELD: ATOKA
/ LOCATION: 2243 FEE	T FROM N LINE,	488 FEET FROM W LINE. CHEVRON W.I.: 100
<i>1</i>		21E UNIT: E, COUNTY: EDDY STATE: NM
	GE: 3300.5 '  KB - GE: '  848 24* K-55 51*C  Casing @ 932 ' w/ 700 sx cmt.  Circ? Y65	4
DV 100L@ ECP@ 11	1145' 148'	Subsequent Operations:  May 91 - 5001 35 gal Trabilis PD: 104 over 9005 1732-1736  Lagra with active willoo gal 1390 NEFE HCL.  94000 to 5000 to 1000 gal 1390 NEFE HCL.  Sand 3103. Frac 1736-33 widy 300 gal 40  Y. Link Gel wigy 000 # 13130 Brody 50. Pmay-33  TSIP- 9604 Clo 40 3000, Poton punip.  Beggra 380, 1080, 4mcf
1726-32		
	<u>5½"15.5# K55 LTiC</u> Casing @ <u>1825</u> '	
	w/ <u>575</u> sx cmt. Circ? <u>Y65</u> TOC @ by	Remarks or Additional Data:
PBD: /779 'TD: /827 '		Present Prod/Inj:

SMT

Property of the state of the st



as	e:	ASAU.			We	1#: 157	}	Fie	ld:			Rig Up Da	te: 3/1/97
ellt	ore#	•			API			AF	E #:			Rig Down Dat	0:3/2/07
) C	:o.: /	POOL Yard:	1	400	565	Rig #:	-	Rio	Opera	itor: Jugar		Rig Hours:	<u> </u>
											*****		
We	रस	IS: AFTER WORK		_Fa		e: Mark 1 and/or 2	_	Fail	ed item :	Size:		Cost Esti	mates
[	A A	# (ie: 01, 02, etc.)		—	Bridge Coating	Bridge in Casing Coating Disbonded	-	(Us	e Standa	rd Size of Item,		Acidize	
	-			_		Corresion	-	not	actual D	iameter of Part)		BOP/Tree	
		lugged / Abandoned				Electrical Ground	]				•	Bridge Plug	
$\dashv$		hut In			ElPower	Elect Power Surge	]	- 10		ttem Grade		Casing	
\$ \$355\$	MIA II	emporary Abandoned			Errosion Fill	Errosion	-	-	Csa Csa	C75 C95		Cementing	
						Fill In Casing Pounding Fluid	-		Csa	FG		Chemicals	<del></del>
	3.4	TYPE LIFT			Gas	Gas Lock/Interference			Csq	H40		Downhole Tools	
_		# (ie: 01, 02, etc.)			Handling	Handling			Csq	J55		Electric Log	<del></del>
_	Disp	Water Disposal			MakeUp	Make Up Torque	_		Csa	K65	- 888	Environmental	<del></del>
	ESP	Elect. Sub Pump		$\Box$	Paraffin Sand	Paraffin	-	<del>  -</del>	Csg Csg	L80 N80		Equipment Test	····
	Flow	Flowing		X	Scale	Sand Scale	-		Csa	P1 10		ESP	
	GL	Gas Lift			TagBtm	Tagging Bottom	7		Csg	SS	]	Fishing Formation Test	
$\dashv$	Hyd	Hydraulic		X	Trash	Trash	_		Csa	V150	-	Frac	
_	lnj	Injector		-	Wear	Wear	-	$\vdash$	Rod Rod	D D			
	3381	no Moyno Pump		1	Unkwn	Unknown	_!	H	Rod	EL	┨Ѿ	Freight	
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_	100	ger Plunger Lift		L.,		Part that Failed	_		Rod	HŞ	]	Hot Water	
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				$\vdash$	ESP-Prote		-	$\vdash$	Rod Rod	SS	┨Ѿ	Mud	<del></del>
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	Acid	Acid Stimulation			ESP-Sepa				Тър	C90	$\mathbb{J}$	8	
	Chem	Chemical Treatment		<b> </b> _		nown or Other	_		Тьо	C95		Perforate	
	CO	Clean Out		-	Pump-Bar	<del></del>	-		Тъо	FG	-188	Pump Truck	·
Į.	Dpn	Deepen		-	Pump-Ga Pump-Ho	s Anchor		H	Tbg Tbg	H40 J55	-	Rental Downhole	
	Env	Environmental		X		inger STUCK up	-		Tba	L80	Ⅎ᠁	Rental Surface	
	EqC	Equipment Change			Pump-Pu		7		Тъд	NBO	7	Reverse Unit	····
	EqF	Equipment Failure			Pump-Pu		$\square$		Tbg	P105	$\exists $	Rig	90
	Frac	Frac Stimulation			1000	nd Screen	-		Tbg	SS	_	Rod/Tbg Pump	90
-	HOHW	Hot Oil / Hot Water	_	1-	Pump-St	anding Valve	-	Γ	Failed	Item Coating	٦.	Rods Safety	
~ા	Insp	Well Inspection	-		1000	eveling Valve			Cemen		_]░	Scanalog	
<b>-</b> 1∷1	LS	Long Stroke	- ∭	<b>-</b>		known or Other	_	_	Duolin	•	_	Sinker Bar	
	oc	Original Completion	-	<b>}</b>  -	Rod-Bod			-	FG		-	Spooler	
~ા	PA	Plug and Abandon	_	1-	Rod-On	(Regular)		1-	HDPE None		-	Stimulation	
- 000	PM	Profile Modification	-88			(Slim Hole)	$\neg$	1	Plastic			Supervisor	
-	PR	Pattern Realignment	-[8		Rod-Pin				PVC		$\square$	Surface Equip	<del>-</del>
-	PT	Pump Truck	48	<b>]</b>	Rod-Poli			<u>.</u>	Other	***************************************		Tanks	
48	RRC	Regulatory Complian	c 🏻	<b>}</b>  -	1233	sh Rod Liner		-			٦.	Transport	<del></del>
-	SI	Shut In	-	<b>  -</b>	Rod-Rod	l Guide er Guide				n: Failed Item		Tubing	
4	Swab	<del></del>	_[	<b>#</b>	Rod-She		-	···		if necessary)	_	Water	
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- 100		ype of Failure	-8	<b>-</b>		et Joint	-					<b></b>	
-8	Collap		-18	<b>₩</b>  -	Tbg-Boo				А	rea Failed			<del></del>
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	Plugg	ed		<b>*</b> †	1,001	Collar		<b>I</b> -		Depth (enter #)			
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A	Stuck		-	<b></b>  -	700	at Nipple	₿		ł	Joints from Surfac	æ		
-8		rewed		₩ -		bing Anchor	◎	<b>\</b>					
) (2000)	Other			░╂	Tbg-X-	Over known or Other		Ī	ronar	ed By:	$\overline{\circ}$		
				∭F		Any Other Item and Pa			, chai	ed By:	Ľu	KKH427	

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R. Line	,	5'		1/2				,	B							
Pary Rods	4	/81		5/8		FH T	A		B							
ucker Rods	66	1650	′	5/8	"	FH T	Ò		B							
Pory Rod	1	4		5/4		FHT	D		B							
Pmp		8.5'		2"x/	4x2	PAP	(CA)	$\mathcal{L}_{\mathbf{c}}$	A			CE	R	HBC	PE	02
				7												
Tubing			Date Ran:			F	ill De	oth∙				Fill D	ate.			
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Description #	ILETTS	Lengin	Lianketer	vveigni	014	-	SOITE	1111	Cau	7433	Coating	<del>9</del>	-	- Dilk	Diana	IVIOU
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Rod/Tuhing		/	-cu. 111	~ <del>~</del>	1	- 101		- 14		15	VIIIIP	C 957	· · ·			
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NEW MEXICO OIL CONSERVATION COMMISSION & Santa Fe, New Mexico

P1 2 1957

Mail to Dispect effice, Oil Conservation Commission, to which Form C-101 was sent a later than twenty days after completion of well. Follow instructions in Rules and Regulation of the Commission. Submit in QUINTUPLICATE.

If State Land submit & Conjection of the Commission of the C

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9-57

Depth Cleaned Out.....

STATE OF NEW MEXICO

RECEIVED BY

JUN 27 1985

O. C. D.

ENERGY AND MINERALS DEPARTMENT ARTESIA, OFFICE C-104 d 10-01-78 DISTRIBUTION OIL CONSERVATION DIVISION P. O. BOX 2088 FILE SANTA FE. NEW MEXICO 87501 U.A.Q.A LAND OFFICE OIL TRANSPORTER REQUEST FOR ALLOWABLE OPERATOR AND PRORATION OFF AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS CHEVRON U.S P. O. Box 670, Hobbs.
Reason(s) for filing (Check proper box) 88240 Other (Please explain) New Well Name Change Effective 7-1-85 CH Recompletion Dry Gas Casinched Gas Change in Own If change of ownership give name Gulf Oil Corp., P. O. Box 670, Hobbs, NM 88240 and address of previous owner. DESCRIPTION OF WELL Kind of Lease 143 San Andres State, Federal or Fee Atoka San III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS If well produces oil or give location of tanks. S 260 If this production is commingled with that from any other lease or pool, give commingling order number: NOTE: Complete Parts IV and V on reverse side if necessary. OIL CONSERVATION DIVISION VI. CERTIFICATE OF COMPLIANCE 5 1985 I hereby certify that the rules and regulations of the Oil Conservation Division have APPROVED. been complied with and that the information given is true and complete to the best of Original Signed By my knowledge and belief. BY Les A. Claments TITLE This form is to be filed in compliance with RULE Area Engineer (Title) able on new and recompleted walls. Fill out only Sections 1, II, III, and VI for changes owell name or number, or transporter, or other such change of c -85 (Dose) Separate Forms C-104 must be filed for each pool in completed wells.

If this is a request for silowable for a newly drilled or : well, this form must be accompanied by a tabulation of the tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely (

OIL CONSERVATION COMMISSIC

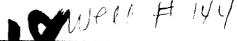
SUPERVISOR, DISTRICT II TITLE \_\_\_

This form is to be filed in compliance with AUL If this is a request for allowable for a newly dell well, this form must be accompanied by a tabulation tests token on the well in accordance with null 1

All sections of this form must be filled out comp able on new and recompleted wells.

Fill out only Sections I. II. III. and VI for charvell name or number, or transporter, or other such char

Separate Forms C-104 must be filled for each ;



Santa Fe. New Menion

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form Clater than twenty days after completion of well. Follow instructions in Rule of the Commission. Submit in QUINTUPLICATE. If State Land su

LOCAT	REA 640 ACRES E WELL CORREC	ira			,				
	STANL	EY L. JONE	S				Fann	ing "S	511
7	(Com-	PART OF CONTRACT)	CIR.		7.4		(Lee	<b>a</b> a)	2/-
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of SectionJ		If State	Land the Oi				· · · · · · · · · · · · · · · · · · ·	nonapappanes seem	
Drilling Comm	nenced	March 11	***********	, 19.56	Drilling v	vas Completes	L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Мау	17
Name of Drill	ing Contractor	Leonard C			Company	<b>,</b> 	-	00,00.00000000000000000000	
Address		Hagerman,	New Me	xico					
Rlevetion show	e see level at To	n of Tubine We						<del>Marrapabaga san</del> aya :	*********
	e sea level at To		9	Mentors queste de las consumpe	********		tormstion give	in is to be	kept ço
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				OIL SANDS	OR ZON				
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			MODUL	ng and ce	0.10(2)(1)(2)	G RECORD			

GIZE OF HOLE	SIZE OF CASING	WHIZE SEE	NO. BACKS OF CEMENT	MOSTROD TAKED	GRAVITY	WOOD THEN
17	13 3/8	200	set			
9	8 5/8	722		circulated		
6	5 1/2	2939	500	circulated		

## BECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

1st treatment - perforated 2698-2706, 500 gal. mud acid, 8000 gal. frac oil with 1 sand to gal.

2nd treatment - perforated 1706-1722, 500 gal. mud acid, 10,000 gal. sand frac oil 1 1/4 lb, sand to the gal.

Result of Production Stimulation 1 st treatment - approx. 1/4 oil 3/4 water

2nd treatment - flow all send frac oil back - 50 bbls. in 24 hours

Depth Cleaned Ou

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

WELL API NO.

DISTRICT II P.O. Drawer DD, Artesia, NM 88210  Santa Fe, New Mexic		30-015-00196
	o 87504-2088 JUN 2 5 1991	5. Indicate Type of Lease
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	O. C. D. ARTESIA, OFFICE	STATE FEE   6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WI ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPE DIFFERENT RESERVOIR. USE "APPLICATION FOR P (FORM C-101) FOR SUCH PROPOSALS.)	ELLS EN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
. Type of Well: OIL GAS WELL OTHER	ECTOR	HOKA SAN ANDRES UNIT
Name of Operator  CHEVRON U.S.A. INC.		8. Well No. 144 INT
Address of Operator  P. D. BOX 1150 MIDLAND, TX 79702 AHI  Well Location	כאשווו חויו ואטא	9. Pool name or Wildcat
Unit Letter Z: 330 Feet From The EAST	Line and <u>23</u> /4	Feet From The SOUTH Li
Section 14 Township 185	Range 26E 1 er DF, RKB, RT, GR, etc.)	NMPM EDDY County
1. Check Appropriate Box to Indicate	Nature of Notice Re	eport or Other Data
NOTICE OF INTENTION TO:	•	SEQUENT REPORT OF:
ERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
EMPORARILY ABANDON CHANGE PLANS	COMMENCE DRILLING	OPNS. PLUG AND ABANDONMENT
ULL OR ALTER CASING	CASING TEST AND CE	MENT JOB
THER:	OTHER:	
MIRU, TOH W/TBG.  RIH, W/BIT C/O hole, 5POT  FLOW WELL BACK, TOH.	יש איים איים	,
FLOW WELL BACK, TOH.  FLOW WELL BACK, TOH.  TIH W/PKR., ACDZ W/300  FLOW BACK ACID, POOH, RIETURN TO INJECTION	H W/IPC,	TBG.  NEFE AT 1720EIVED  TBG.  MIDILARIA
FLOW BACK ACID, POOH, RIETURN TO INJECTION	H W/IPC,	786. JUL 0 3 1991
FLOW BACK ACID, POOH, RIETURN TO INJECTION  Thereby certify that the information above is true and complete to the best of my knowledge a	H W/IPC,	T. DATE 6-20-91
TIH WIPKR., ACID, POOH, RI  FLOW BACK ACID, POOH, RI  RETURN TO INJECTION  I hereby certify that the information above is true and complete to the best of my knowledge a signature  SIGNATURE  TYPE OR PRINT NAME M.E. AKINS  (This space for State Use) ORIGINAL SIGNED BY  MIKE WILLIAMS  SIDER PUIS OR DISTRICT IS	H W/IPC,	T. DATE 6-20-91 TELEPHONE NO. 687-78
TIH WIPKR., ACID, POOH, RIETURW TO INJECTION  Thereby certify that the information above is true and complete to the best of my knowledge a SIGNATURE  TYPE OR PRINT NAME M.E. AKINS  (This space for State Use) ORIGINAL SIGNED BY	H W/IPC,	T. DATE 6-20-91 TELEPHONE NO. 687-78
TIH WIPKR., ACID, POOH, RI  FLOW BACK ACID, POOH, RI  RETURN TO INJECTION  I hereby certify that the information above is true and complete to the best of my knowledge a signature  SIGNATURE  TYPE OR PRINT NAME  M.E. AKINS  (This space for State Use) ORIGINAL SIGNED BY  MIKE WILLIAMS  APPROVED BY  SUPERVISOR, DISTRICT II  CONDITIONS OF APPROVAL IF ANY:	and belief.  TITLE  Castley Presents (50)	T. DATE 6-20-91 TELEPHONE NO. 687-78  JUL 0 2 199  DATE  CHOLO SIZO
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Area Engineer

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TITLE SUPERVISOR DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or de-writt, this form must be accomposited by a tabulation of the de-tests form on the well in accompanies with number title.

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Santa Fe, New Mexico WELL RECORD

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FROM : SOUTHWEST RECORDS SEAR  40. OF COPIES RECEIVED ()  DISTRIBUTION    INTA FE    LE    S.G.S.  AND OFFICE    PERATOR	NEW MEXICO OIL COMS	ERVATION COMMISSION	Jul. 21 1997 12:23PM P7  Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65  Sa. Indicate Type of Lease State Fee X  5, State Oil & Gas Lease No.
OIL GAS WELL OTHER.  Name of Operator  Kewanee of Operator		WELLS ACK TO A DIFFERENT RESERVOIR. H PROPOSALS.)	7. Unit Agreement Name Atoka Grayburg Unit 8. Form or Lease Name Tract 4 9. Well No.
THE East LINE, SECTION 14	TOWNSHIP 185	LINE AND PEET P	10. Field and Pool, or Wildcat Atoka Grayburg  APM.  12. Caunty
Check Appropriate NOTICE OF INTENTION REPORT REMEDIAL WORK MANDON LL OR ALTER CABINA	3306 GR TE BOX TO Indicate N TO:  PLUE AND ABANDON  GHANGE PLANS	REMEDIAL WORK  GRAMMENCE DRILLING OPHE.  CASING TEST AND CEMENT JOB  OTHER	Eddy Other Data ENT REPORT OF:  ALTERING CABING PLUG AND ABANDONMENT X
Describe Proposed or Completed Operations (Cliwork) SEE RULE 1703.  Set cement retainer at 850'.  Spot 100' cement plug 850' to Spot 100' cement plug 100' to Work completed March 13, 1971	Squeezed open ho 750'. Load hole surface. Weld n	ole below retainer with mud. Snot 100	th 50 sacks at 1500 psi.

OTHER	<b>[-</b> -1	OTHER		· · · · · · · · · · · · · · · · · · ·	
17. Describe Proposed or Completed Operations (Clearly state work) SEE RULE 1 103.	all pertinent des	ails, and give per	sinent dates, includ	ing estimated day	e of starting any proposed
Set cement retainer at 850'. Squee: Spot 100' cement plug 850' to 750'. Spot 100' cement plug 100' to surface Work completed March 13, 1971.	Load holi	e with mud.	Snot loo!	coment nl	ua EERI ta AERI
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18. I hereby certify that the information above is true and comp	piete to the best	of my knowledge	and belief.		
SIGNED 27 Steerstand			erintendent	BATE	3-15-71
APPROVED ON O. S. Marie		OIL AND BAS	MSPECTOR	SATE	JUN 11 1971

Kewanee 011 Company

SANTA PE FILE U.S.G.5.

LAND OFFICE OPERATOR

2. Name of Operator

4. Location of Well

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON PULL OR ALTER CASING

# **Wellbore Schematic**

Surface Casing  Depth Set  Cement	Conductor Casing Depth Set Cement
Intermediate Casing 7 "  Depth Set 950'  Cement 275 sxs	
Production String Depth Set Cement	Set cement retainer at 850'. squeezed open hole below retainer with 50 sxs at 1500 psi. Spot 100' cement plug 850' to 750'. Load hole with mud. spot 100' cement plug 550' to 450'. spot 100' cement plug 100' to surface. weld plate on 7' casing and erect dry hole marker.  P&A 3-13-71
Perforations Tubing Depth	Total Depth 991'

OPERATOR	Kewanee Oil Company	
LEASE AND WELL NAME	Atoka Grayburg Unit Well #3	
LOCATION	2280 FSL & 330 FEL Sec 14, T-18-s, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

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Well Service Report														
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1777	Reason for Work	-		ESP-Pum				Tbg	C75		33334	Other		
Acid	Acid Stimulation	-	$\vdash$	ESP-Sep	arator nown or Other		<b>∛</b>	Tbg Tbg	C90		Ī	Perforate		
Chem	Chemical Treatment Clean Out	-	X	Pump-Ba				Tbg	FG		F	omp Truck		/30
Dpn	Deepen Out	-		223	as Anchor			Tbg	H40		ľ	Rental Downhole		
Env	Environmental	-	$\vdash$	Pump-He Pump-Pl	old Down		∦-	Tbg Tbg	J55 L80		8 3 S	Rental Surface	<u> </u>	
EqC	Equipment Change			Pump-P			<b>#</b>  -	Tba	N80		W.S.	Reverse Unit		~~~
EqF	Equipment Failure			Pump-Pi				Тьа	P105		33.555 <b>L</b>	Rig Rod/Tbg Pump		<i>525</i> 478
Frac	Frac Stimulation	_	-	Pump-S Pump-S	and Screen			Tbg	ss		8000 B	Rods	+	<u>470</u>
нон'	W Hot Oil / Hot Water	-[		100	tanding Valve			Failed	Item Coati	ng	3333	Safety		
Insp	Well Inspection	-	-		raveling Valve		<b>-</b>	Cemer				Scanalog		
LS	Long Stroke Original Completion	-	-	Rod-Boo	<u>nknown or Oth</u> iv	er .	<b>-</b>	Duolin FG	8			Sinker Bar		
PA	Plug and Abandon	- ∭		Rod-On	Off Tool			HDPE				Spooler	-	
PM	Profile Modification		<b>-</b>		x (Regular) x (Slim Hole)		2	None Plastic				Stimulation Supervisor	-	
PR	Pattern Realignment		-	Rod-Pin				PVC				Surface Equip		
PT	Pump Truck	_		123	lish Rod			Other				Tanks		
RRC	<del></del>	nc	╢-	2004	lish Rod Liner d Guide		-	<b> 4</b> i -	n: Failed It			Transport	<b>—</b>	
SI	Shut In	-8		****	ller Guide				n: Palled II if necessar			Tubing		`\
Swa			<b>-</b>		ear Tool		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					Water		
ISTA.	Temp. Abandoned		-		sbilizer Iknown or Othe	,	<b>   -</b>	pmp	barrel					
	Type of Failure	7			est Joint		$\mathbb{L}$	910000000000000000000000000000000000000			I			<del></del>
Coll	apsed		<b>I</b> -	Tbg-Bo			Г	<u></u>	rea Failed		1	<b></b>		·····
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Hole	· · · · · · · · · · · · · · · · · · ·	_		Tba-M	ud Anchor		1	Exter			<b></b>			
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Part		-	<b>  -</b>	Tbg-Pa			r	Failur	Depth (en	ter#\	٦			
( A ( ) )	gged			Tho-Pi	n Collar		<b>₩</b> ŀ		Rods from		1			
X Spli Stu		-	<b>  </b>  -	700	mp Barrel		<b>#</b>				-			
183	screwed		<b>#</b>  -		eat Nipple ubing Anchor		<b>!!</b>		Joints from	Suriace				
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			$\mathbb{Z}$		nknown or Oth		<b>                                     </b>	Prepai	ed By:	T.	13	urkhans		
1222222222222		erecettii (	300,000	DOMESTIC AND ADDRESS OF	Any Other Item	10 4				N 1				

Well Service Report								Rig Up Date: 3/14/97				
.ease: /	75 m			Well	#: /	50			Rig Dow	n Date: 3//	4/97	
Vork Summa Straig for RI Huff	ry: M.	IRU :	SIERRA	- 1-OH 1	$\omega/\rho m$	P+RO	15. Di	supped S	S.V. Pr	155 up 0	n th	4
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Rods					<del></del>				Date Ra			
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DONY ROAS SuckerRoads		<del>                              </del>		78" 78"	<b>SH</b>	30 30	B				<b> </b>	
	<u>66</u> 2	1650'		78 78"	54	78	A	<u> </u>				
DONY ROCK	<u>~~~~</u>	2'	<del> </del>	<del>78</del> "	SH	10	B		<b></b>			
Rd PmB		8.5'	-	2"x1"4"		(CHEVY)	A		CE	RHBC	DF	C-3
GAS ANCHOR		6	<del> </del>	1"	<del> </del>	Cherry	8	<del>                                     </del>	100	10.00	1, 5	
JASTING ROIG		<u> </u>	+	<del>                                     </del>			<u></u>		<u> </u>			
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Tubing	W 1		Date Ran:	Naimbel Co		ill Depth:		- Costin	Fill Da	Drift	Brand	Mada
Description #	items	Length	Diameter V	veignt Gr	ade	Joint Th	read Clas	ss Coating	9 1	DI DIIIL	Diano	Mode
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Rod/Tubing	Comme	nts:								······		
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I his form shall be submitted by the operation of the an initial pwab will be residued to substituted by the operation of the property of the form C-104 is to be submitted in QUADRAM AND to the same District Office to which Form C-104 error over the lable will be assigned effective 7:00 A.p., The completion of completion or recognishment of the comparison of completion of recognishment of the comparison of recognishment of the comparison of

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Senta Fc, New Mexico

JUL 1 2.1956

Depth Cleaned Out.....

## WELL RECORD

Oil Cons. Com ARTESIA OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent no later than twenty days after completion of well. Follow instructions in Rules and Regulation of the Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Copies

		Company or O			***********************			• •		*****
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	8.0	uen eff			OIL SANDS OR	ZONES				
1, from	1.0	95	to	1305	No.	4, from		to	******************	
2, from	· L	73	.to	••••	No.	5, from	••••••	to	********	
3, from	16	90	<b>.</b>	1710	No.	6 from		to		
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RECEIVED BY

JUL 17 1985

O. C. D. ARTESIA, OFFICE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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V.S.G.A.	U.S.G.4.		
LAND OFFICE			$\overline{}$
TRANSPORTER	OIL		
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OPERATOR	OPERATOR		
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		A HON DIVISION . Page 1
		OX 2088 .
_	U.S.C.A. SANTA FE, NE	W MEXICO 87501
-	LANO OFFICE	
ب. مو.	TRANSPORTER OIL DENIET TO	
1.2	OPERATOR DE RECUEST PO	OR ALLOWABLE
		AND
	I.	SPORT OIL AND NATURAL GAS
-1	Operator	
	CHEVRON U.S.A. INC.	
	Address	
	P. O. Box 670, Hobbs, NM 88240 Reaton(s) for filing (Check proper box)	
· ·		Other (Please explain)
- 1	New Well Change in Transporter of:	Name Change Effective 7-1-85
		Dry Gas
,	X Change in Ownership Casinghead Gas	Condensate
• `		· · · · · · · · · · · · · · · · · · ·
	If change of ownership give name Gulf Oil Corp., P. O.	Box 670, Hobbs, NM 88240
•	and address of previous ownerGull Gil Colp., F. U.	201 0701 10003; 111 00240
•	II. DESCRIPTION OF WELL AND LEASE	· ·
1	Lease Name A // Well No.1 Pool Name, Including to	Formation   King of Lease     Lease N
	At 100 10 - 111 115 11 100	an Madda of Lease For For For
	Location	an allered seems to the seems t
	<u> </u>	
	Unit Letter : 650 Feet From The	ine and 1650 Feet From The East
	11/ 100	CAL
	Line of Section /4 Township /85 Range 2	6t, NMPM, Eddy Count
• •	•	
	III. DESIGNATION OF TRANSPORTER OF OIL AND NATURA	L GAS
1	Name of Authorized Iransporter of CII . or Condensate	Addiese (Give address to which approved copy of this form is to be sent)
	Water Injection	· • · · · · · · · · · · · · · · · · · ·
	Name of Authorized Janeporter of Castagneda Cas ar Dry Gas	Address (Give address to maich approved copy of this form is to be sent)
क्र	Margaretty Commence of the State of the	<b>√</b>
	Mail Sec. Twp. Res.	is gas actually convected? . When
40	If well produces oil or liquids, some posts of two produces of tents, seems for a first of the produces of the	
4		
39	f this production is commingled with that from any other lease or pool,	
	NOTE: Complete Parts IV and V on reverse side if necessary.	the state of the s
	- The same of the series side if necessary.	No.
<b>11</b>	I. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
	And the Congress	WH 10400F
- 352	hereby certify that the rules and regulations of the Oil Conservation Division have	II ADDROVED
	een complied with and that the information given is true and complete to the best of	were the Signed By
- The second	ny knowledge and belief	
1200		II & Gas Inspector
- PAGE -		The state of the s
-		This form is to be filed in compliance with RULE 1104.
-	V. L. Ville	If this is a request for sllowable for a newly drilled as
-	(Signature)	ii well, this form must be accompanied by a tabulation of the devision
• •	Area Engineer	Il fests faxen on the west to secondance with MATE 111.
-	(Title)	All sections of this form must be filled out completely for allo
		able on new and recompleted wells.
-	5-31-85 (Deie)	Fill out only Sections I. II. III. and VI for changes of owner
	(weid)	well name or number, or transporter, or other such change of condition
		Separate Forms C-104 must be filed for each pool in multip completed wells.
	and the second s	is completed wells.

Testing New Signitor, back proj	Tuting Prosauro (Shut-in)	Costing Pressure (Enuc-14)	Choke Size
VI. CERTIFICATE OF COMPLIAN	regulations of the Oil Conservation	APPROVED	RVATION COMMISSIC 3 0 1978 Gressett
Ja Sikes	notife)	TITLE SUPERVI	on must be filled out comp
Area Engineer 10-16-78	iile)	able on new and recomplete	are mad WI for ch

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ize of Hole	SIZE OF CABING	WHERE SET	NO. SACKS OF CHOICHT	METROD		MOD MATTY	Al M	IOUNT OF UD USED
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	REA 640 ACT			·	- 2.C +	ر ا		-
+	1-1-1	71	later than two	rict Office, Oil C enty days after co- ission. Submit in (	repletion of well	. Pollow instruc	tions in Rul	es and Regulations
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Depth Cleaned Out.....

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## PORD OF DRILL-STEM AND SPECIAL TEE

If drill-stem or other special tests or deziation surveys were made, submit report on separate sheet and attach hereto

### TOOLS USED

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	, ,,,,,			PRODU						
Put to Pro	_		g ( p ) \$g : 4 : 4g ( 4 · · · · · · · · · · · · · · · · · ·	·						
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			<b>T.</b>	Silurian				Kirtland-Fruit		
			T	Montoya				Farmington Pictured Cliffs		
			T.	McKee				Mencice		
	••		T.	Ellenburger				Point Lookout	•	
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15	150	135'	Aluvial grave			1	1			``
135	800	6651	Clays, gravel:	s, sanas, 1	1	-		<u> </u>		
800	991	191	Dolamite W/se	nd (Graybur	<b>w</b> )					
991	991 4616	3625'	Dolamite v/eq							
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## ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a cor	mplets and correct record of the well and all work done on it so lar
as can be determined from available records.	CF Duyer 200-60 (DAIO)
Company or Operator. Standard 011 Co. of Texas	Conver By Monahans, Terms
NameBox 1249	Position or Title District Engineer

## **Wellbore Schematic**

Surface Casing  Depth Set  Cement	Conductor Casing Depth Set Cement
Intermediate Casing 8 5/8"  Depth Set 1308'  Cement 750 sxs	
Production String Depth Set Cement	Spotted plugs @ 9100-9150 w/25 sxs, 9000-9050 w/15 sxs, 5000-5050 w/15 sxs, 4700-4750 w/15 sxs, 2500-2550 w/15 sxs, 2350-2400 w/15 sxs, 1500-1550 w/15 sxs, 1275-1325 w/50 sxs, 600-850 w/75 sxs, 0-50 w/10 sxs P&A 2-6-60
Perforations Tubing Depth	Total Depth 9198'

OPERATOR	Standard Oil of Texas	
LEASE AND WELL NAME.	J.H. Everest Well #1	
LOCATION	1650 FEL & 1850 FSL Section 14, T-18-S, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	

# Feb 1 7 1960

## NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) . C. C. ARTEBIA, OFFICE

COMPANY	Standard 011 Co			Nome	hans, Texa	A		
•	_	•	ress)					
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Water Pro	oduction, bbls. pe	r day		-	·	,		
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Title	ADD O.O.		Position	*****	ict English and Oil Co			
Date	APR 2.9	1980	Company	والجاج	Dear City Co			

well # 149

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Result of Production Stimulation...

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NEW MEXICO OIL CONSERVATION COMMISSION WESTERN SERVER FC, New Mexico

SEP 1 2 1957

## WELL RECORD

Oil Cons. Com ARTESIA OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was ser

	LEA 640 ACRI				completion of well QUINTUPLIC.			n Rules and Regu and submit 6 Cop
LOCATE	WELL CORI	RECTLY	The state of the s			-	as Sad	
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<b>*</b>	wet from	(Record th	e Process used, No. 3 with 40 s	o, of Qu. or Ga	ls. used, interval	treated or sho	Leura	eruse
			O MA Acid.	***************************************				•••
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,. <b>2</b>	A post	test on a	1/16 abole					
***************************************				LL L. DESCRIP	14 21 W	<b></b>		

n 12 El

(307) 682-9465 Box 944 Gillette, WY 82717-0944

915-697-6357 P.O. Box 50843 Midland, TX 79705

## Filtration Service Report

Date 2-19-94 Invoice No. 1/688-M

## FOUR STATES FILTRATION SYSTEMS, INC.

Customer Sm	nzail fet Co	Ordered	Andres Well No.	<b>-</b>
ield	0	Lease Staka Som	Andres Well No.	49
Sound Edo	L4	•	State M. MIN	
Type Equipment/	Pemping / Mit Make	American Mo	del D25A SINA cl smit eil L	1/AVAilaBle
Comments	elicate, miss	sect. Checker	I smit ail I	enel
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Data	Travel Time To:	Location Time		
Date	Traver rime 10.	Location Time		
			Lulvicate + Mispa Ro-Nated Milean	25.00
			Tho-Noted Mileag	w 3.50
Total			Tax	1.7/
Amount	<u>, is the control of </u>		Total	#30.21
<del></del>		GEAR OIL		1 80 00
	Quantity		Weight	
	1			·····
Unit Forema <del>n</del> ∕	Jerry Vest	Customer Ap	pproved	
White - Customer Copy	Yellow - File Copy Pink - Unit Foreman			

Santa Fe, New Mexico

## WELL RECORD

NOVIB 19

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## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.) Ferf from 1693-1708 with 4 shots to foot (40)

Sand Frag with 10,000 Gale leave cruis, 10,000 # sand & 250 Gal actds

Becaused all True 5 Load oil bear by Esa. B. 10-28-57, turned into tenk

Result of Production Stimulation

modelved 110 BGID on first 24 hour test using 1/49 o



Submit 3 Copies to Appropriate Latrict Office

## State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM	88240	OIL CONSERV	Box 208		WELL API NO		
DIZIBICI II	4	Santa Fe, New 1				15 00307	
P.O. Drawer DD, Arlacia, NI DISTRICT III	M 88210	,			5. Indicate Typ	or of Laure STATE	FEE X
000 Rio Brazos Rd., Aziec,	NM 87410	•		·	6. State Oil &	Gas Lease No.	
( DO NOT USE THIS FO	RM FOR PROPO RENT RESERVO	ES AND REPORTS ( DSALS TO DRILL OR TO DR. USE "APPLICATION 1) FOR SUCH PROPOSA	DEEPEN FOR PE	OR PLUG BACK TO A		or Unit Agreement I	
. Type of Well: Oil Well	ONS	OTHER	INJE	CTION	ATOKA S	AN ANDICES OF	311
Name of Operator PENNZOIL EXPLO	ORATION &	PRODUCTION COMP	ANY		8. Well No.	121	
P 0 BOX 50090	MIDLAND	TEXAS 79710-	0090		9. Pool same of ATOKA S	AN ANDRES	
. Well Location Unit Letter	N : 330	Feet From The SOU	TH	Line and2310	O Feet P	roen TheWEST	نناننا
Section 1	l.	Township 18S		265		DDY	County
				DF, RKB, RT, GR, etc.)			
1.			dicate l	Nature of Notice, R	eport, or Oth	ner Data	
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Well # 146

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

**GGY 1** 1 1957

## WELL RECORD

Oil Cons. Son

ARTESIA OFFICMail to District Office, Oil Conservation Commission, to which Form C-101 was so later than twenty days after completion of well. Follow instructions in Rules and Regulater than Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Co

Well No. 2	feet from	State Land the Or 23, 1957  Latera Est 1  The Board 19  to 10  to 10  to 10	Pool, line and line a	2310  is	Opticher 1.	1957 be kept confide
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/ellbore #:	<u> </u>	<del></del> -					HOKA (5.1	1.)	Rig Down D	)ate: 3/3/97
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ig Co.: POOL	Yard:	401	565	Rig #:	Ri	g Opera	tor. JUAN		Rig Hour	s: 8.5
		<u> </u>						· ·		
Well Status: AF	10000	Fa		e: Mark 1 and/or 2	Fai	ied item S	ize:	<b>.</b>		stimates
Zone # (ie:	01, 02, etc.)	$\vdash$		Bridge in Casing Coating Disbonded			rd Size of Item,	3883	Cidize	<del></del>
A Active			Corrosion		no	actual D	ameter of Part)	- CONTRACT	3OP/Tree	
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TYPE LI	01, 02, etc.)		Gas	Gas Lock/Interference	<b></b>	Ceg	H40 J55	E22333-1-	Electric Log	
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<del>+</del>	s Lift	1-1	Scale T0	Scale	<b>II</b> -	Csg Csg	P110 SS		Fishing	
<del>  -  </del>	draulic	-	TagBtm Trash	Tagging Bottom Trash	-	Csg	V150	10004	Formation Test	
	octor		Wear	Wear		Rod	c		Frac	
<del></del>	yno Pump	X	Unkwn	Unknown	$\mathbb{Z}$	Rod	D		Freight	
+ T(())	artifical lift				<b>    </b>	Rod	EL	-[	Gang	
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70 300	d Pump			v Casing Part		Rod	K		Hot Water	
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		<b></b>	ESP-Moto			Rod	N97	- 🚟	Location	
Initial Reason	for Work	<b>-</b>	ESP-Prote ESP-Pump	<del></del>	<b>∭</b> –	Rod	C75	-	Mud	·
	timulation	<b>#</b>	ESP-Sepa		∭-	Tbg Tbg	C90		Other	
-()	cal Treatment			own or Other	-	Tbg	C95		Perforate	
CO Clean		$\mathbb{Z}$	Pump-Bar			Тьа	FG	]	Pump Truck	<b>6</b> 5
Dpn Deepe		<b>-</b>	Pump-Gar		<b>-</b>	Tba	H40	-	Rental Downhole	
<del></del>	nmental	₩-	Pump-Hol Pump-Plu		<b>-</b>	Tbg Tbg	J55 L80	-[	Rental Surface	
EqC Equip	ment Change		Pump-Pul			Tbg	N80	<b>]</b>	Reverse Unit	262
	ment Failure		Pump-Pul			Tbg	P105		Rig	952
Frac Frac S	Stimulation	<b>-</b>	700	nd Screen	<b></b>	Tbg	iss	-	Rod/Tbg Pump Rods	90
HOHW Hot C	il / Hot Water	<b>-</b>	Pump-Str	ainer Inding Valve	<b>"</b> "	Failed	item Coating		Safety	
Insp Well I	nspection			veling Valve	<b>∭</b> –	Comen		∄‱	Scanalog	
	Stroke		1000	known or Other		Duoline			Sinker Bar	
	al Completion	<b>∭</b>  _	Rod-Body		<b>-</b>	FG		-188	Spooler	
PA Plug	and Abandon	∭ -	Rod-On (	Off Tool (Regular)	<b>     </b>  -	HDPE None		-	Stimulation	
PM Profil	e Modification	-	1222	(Slim Hole)	<b>     </b>  -	Plastic		7	Supervisor	
	rn Realignment		Rod-Pin			PVÇ			Surface Equip	
	Truck	-	Rod Polis		<b>.</b>	Other			Tanks	
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<b>-</b>	F-9	-	Hod-Unk	nown or Other				_	4'PRLINER	59
Type of Collapsed	railure	-	Tbg-Bod		<b>₩</b> ≱			٣.		
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Mechanical			722	i Anchor Off Tool	╢	Unkno				
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Plugged			Tbg-Pin		]	Failure	Depth (enter #)			
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Other		1111	Тъд-Х-С		]					
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:22AM P9

Charge 6-365)

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JAN 5 1958

WELL RECORD

Die Consul ARTESIA OFFICI

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 840 ACRES LOCATE WELL CORRECTLY Martin Yates, III Everest 18 S NMPM. Atoka Eddy West 990 2310 .... If State Land the Oil and Gas Lease No. is......... ..., 19.57 Drilling was Completed... Nov. 57 Waters Drilling Co. Artesia, N. Mex. OIL SANDS OR ZONES 1674 IMPORTANT WATER SANDS Include data on rate of water inflow and elevation to which water rose in hole. 710 1045 1100 CASING RECORD WEIGHT PER POOT KIND OF MEW OR CUT AND PULLED FROM AMOUNT PURPOSE 8 5/8 24# New 1087 Surface string 14# Production string New 1731 MUDDING AND CEMENTING BECORD AMOUNT OF WHERE MOLE OF CARLEOF NO. BACES 475 Halliburton 8 5/8 1087

## BECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qu. or Gals. used, interval treated or shot.)

Perforated 5½" casing from 1666 to 1674 with 4 shots per foot.

Sand-fractured well from 1666 to 1674 with 10,000 gallons heavy oil and

450

n non nounds begun sand running 250 gallons MCA shead of fracturing

## OBD OF DBILL-STEM AND SPECIAL TEE

If drill-stem or other special tests on destiation surveys were made, submit report on separate sheet and attach hereto

#### TOOLS USED

T. Yases. T. Simpson. T. Pictured Cliffs.  T. 7 Rivers. T. McKee. T. Menefee.  T. Queen. T. Ellenburger. T. Point Lookout.  T. Grayburg. T. Gr. Wash. T. Mancos.  T. San Andres. 969. T. Grasite. T. Dakota.  T. Gricke. T. T. Morrison.  T. Driakard. T. T. T. Morrison.  T. Tobba. T.	•		Q	=			
OIL WELL: The production during the first 24 hours was 100 barrels of liquid of which 100 % was was oil; % was semulsion; % water; and % was sediment. A.P.I.  Gravity. 338  GAS WELL: The production during the first 24 hours was. M.G.F. plus. berrels of liquid Hydrocarbon. Shus in Pressure. ba.  Length of Time Shus in.  FYRASE INDICATE SELOW FORMATION TOPS ON CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE); Southeastern New Mostoo  T. Anhy. T. Devonian. T. Oja Alamo  T. Anhy. T. Devonian. T. T. Oja Alamo  T. Sait. T. Silustan T. Kiritand-Freitland.  B. Sait. T. Monitopa. T. F. Fermington. T. Grayburg. T. G. Wash. T. Maccob.  T. T. Oja Alamo  T. Grayburg. T. G. Wash. T. Maccob.  T. Grayburg. T. G. Wash. T. Maccob.  T. Sait. T. Oracite. T. T. Monitop.  T. Dirickard. T. T. T. Monitop.  T. Dirickard. T. T. T. T. Monitop.  T. Tubbs. T.			PRODUC	TION			
West   State   West	Put to Produci	ng	December 7				
Gravity   38	OIL WELL:	The production	n during the first 24 hours was	Q	barr	els of liqu	id of which
Gravity   38							
GAB WELL: The production during the first 24 hours was   M.G.F. plus   barris of liquid Hydrocarbon. Shut in Pressure			•		,,		
Length of Time Shut in   Pressure   Da.	CAR WELL.	•			4 C P		1. 1 4
PLEASE INDICATE MELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE);   Southassison New Mexico   Northwestern New Mexico	GAS WELL!	•	_		a.C.F. più	15	
PLEASE INDICATE HELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):					•		
Southeastern New Mexico	_						
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T.   Salt	T. Anhy		•			Т.	
T. Yates. T. Simpson. T. Pictured Cliffs.  T. Paivers. T. McKee. T. Menefee.  T. Queer. T. Ellenburger. T. Point Lookout.  T. Grayburg. T. Gr. Wash. T. Mancos.  T. San Andres. 969. T. Granite. T. Dakots.  T. Gloricta. T. T. McKee. T. Morrison.  T. Driakard. T. T. Pean.  T. Tubba. T.	T. Salt	· F > > 5	T. Silurian			т.	Kirtland-Fruitland
T 7 River. T McKee. T Menefee  T Queen T Ellenburger T. Point Lookout.  T Grayburg T Gr. Wash. T Mancos.  T San Andres 969 T Granite. T Dakota.  T Glorieta. T T Dakota.  T T Tubba. T T T.  T Tubba. T T T.  T Abo. T T T.  T Penn. T T T.  T Miss. T T T.  T Miss. T T T.  From To Thickness Formation From To Thickness in Feet Seand  Anhydrite & lost circulation material.  460 763 303 Anhydrite Sand  Anhydrite & sand  Anhydrite & Sand  Anhydrite & Ime  1112 1388 276 Lime & dolomite.  Total Depth  Total Depth  T Menefee. T Point Lookout.  T Point Lookou	B. Salt		T. Montoya		************		•
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T. Glorieta T. T. Marrison  T. Drinkard T. T. T. Penn.  T. Tubba T.						•	
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Pennzoil Exploration & Production Company Atoka San Andres Unit Well # 120 & 132 & 136 Section 11 & 14, T-18S, R-26E Eddy County, New Mexico

# Requirement \*\*\* VII \*\*\*

- (1) Proposed daily rate of Injection: 100 BBLSMaximum daily rate of Injection: 200 BBLS
- (2) The system is to be a closed system utilizing 1 500 bbl. tank storage facility.
- (3) Average Injection Pressure: 800 1000# Maximum Injection Pressure: 1200#
- (4) Water injected will be reinjected water from a compatible and same formation produced water and fresh make-up water
- (5) Well will be used for waterflooding purposes into a productive zone.

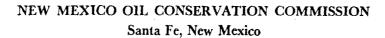


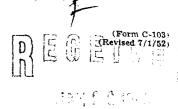
Information Litho from Oil Conservation Division - See Attached Forms

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Please see attached water analysis on the fresh water in the ASAU. All fresh water zones will be protected by casing cemented to surface.







## MISCELLANEOUS REPORTS ON WELLS

MISC	LELLANEOUS	KEFUKI	5 ON	METERS 6	Sugar, :	
Submit this report in TRIPLICATE to pleted. It should be signed and filed as a recesult of well repair, and other important instructions in the Rules and Regulations	port on Beginning Drilling operations, even though of the Commission.	g Operations, Re the work was w	sults of test vitnessed by	t of casing shut-off, resured an agent of the Com-		
	Indicate Nature of I	seport by Check	ding Below	′ 	1	CIMINI
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON RE OF CASING SHO		T X	REPORT ON REPAIRING WELL	B. D. GEOL.   D. CLERK	1 2 3
REPORT ON RESULT OF PLUGGING WELL	REPORT ON RE OPERATION	COMPLETION		REPORT ON (Other)	PROD, FORE.	
		muary 25, l	956	Artesia,		
Following is a report on the work described L.  (Company or Opera	one and the results obtain	ned under the he	<u></u>	d above at the	V- COMMEN N- NOTE	
& Leonard L. George Dri (Contractor)	lling Company	, Well No	1	in the SW 1/4 NE		14
18 8 , R 26E , NMPM.	Wildeat	Po	ol,	Ed	d <b>y</b>	County.
				•		•
The Dates of this work were as folows:	Casing run 1/21/	56 casi	ng shut	<del>R</del> off 1/25/56		
Notice of intention to do the work (was)	was submitted on Fo	orm C-102 on	<b>Jan</b> u (Cr	oss out incorrect words)		., 19 <b>56</b> ,
and approval of the proposed plan (was)	was not) obtained.					
DETAILS	ED ACCOUNT OF WOR	OF TAXABLE AND	TO TO CYTT MI	CORMANNED		
Set 72 hours, drille sent Company of the sent off.	less 8 3/4" ran, d out plug and 2: per built up to	cemented at below case to surface	it 740' ing sho pressure	with 200 sacks be. Tested with k. Tetanks wale	cament. Geo.	•
Bob Hanson		See	Hezico:	Oil Conservation	n Commiss	sion
Witnessed by(Name)	***************************************	(Company)		(Title	<del>)</del>	
Approved: OIL CONSERVATION CO	DMMISSION	to the best	of my kno	the the case of Sec.		
(1.226)		Position		***********************************		
		Representi	ng tanie	y L. Jones		

(Title) (Date)

Box A64. Artacia Now Man !

## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

## NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

If State Land submit 6 Copies

		24	ldy County.	New Mexico		anuary 17, 1956	•
OIL CONSE		ON COM	(Place)			(Date)	
Gentlemen:							
You are				itention to commence the		ion) of a well to be kn	own as
	· · · · · · · · · · · · · · · · · · ·	Ťe:	ery (fee le	(Company (	or Operator) Well No.:	• 1 in #	C The well is
	310		(Lease)			, ,	Unit)feet from the
			SECTION LIN				County
				If State Land the Oil ar	nd Gas Lease is No		
	1			If patented land the ow			••••••
D	C	В	A	Address	Artesi	a, her merico	
				We propose to drill well	with drilling equipment	as follows:	e rotery rig
E	F	G	Н	The status of plugging l	bond is \$5,000.	GO drilling box	4
				Vational Su	rety try	comity G	rporation
L	K	J	I	Drilling Contractor	Leonard	L. George Dril	ling Gospany
M	N	0	P	We intend to complete	this well in the	sen or the Glor	letta
1	<del>'</del>	<del></del>		formation at an approx	imate depth of sither	800' to 1000 s	r 1400 to 2000 cet
We prop	ose to us	e the fall	lowing etringe o	CASING I f Casing and to cement th	PROGRAM		
Size of			Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
	17-	1	10 13 48	1	second hand	2001	Backs Cincu
9			5/8"	24# granless		756-800	circulate coment
6			5 1/2*	144		1600 to 2000	100 sacks
		<u> </u>					
		<del>'</del>					
If chang	es in the	above p	olans become ad	lvisable <mark>we will not</mark> ify you	immediately.		

Artesia, New Mexico



## John A. Mathis, Jr. SOUTHEAST ENGINEERING CO.

GENERAL SURVEYING

**PHOTOSTATS** OZALID PRINTS

ARTESIA, NEW MEXICO

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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ARTESIA, NEW MEXICO Surveyed January 16,

ARTESIA PRINTING CO.

#### PROVAL OF THE STATE ENGINEER

Number of this permit	Application received January 20, 1956						
Recorded in BookPage	RA-10 3526					January rrection	20, 1956
	ed that the o the drill	applicant ing of well	the prio complies	r appro with al rther p	val of t l rules rovided,	he Oil ar and regul that cas	sing shall not be
Works shall be comple		pletion or		report	filed on	or befor	·e
This is to certif in an artesian underg to the foregoing prov	round basin	of the Sta	te of New				t to drill for oil ove the same subject
Witness my hand a	nd seal thi	s <b>31</b>	_ day of_	:,	Jan.	,	A. D., 19 <u><b>56</b></u> .
LOGATEL BELL AG AGGUDA	TILLY AG DOG			By:Chi	0.2.1	e Enginee	D. R. Kienlen, Asst. to s Division
LOCATE WELL AS ACCURA	TELY AS POS			18-	· <b>S</b>	Demma	26-E N.M.P.M.
Section (s)		, Towns				Range	

### INSTRUCTIONS

his form shall be executed, preferably typewritten, in triplicate. ach of triplicate copies must be properly signed and attested.

separate application for permit must be filed for each well used.

ecs. 1-4---Fill out all blanks fully and accurately.

ec. 7-----Estimate time reasonably required to commence and to complete project.

f additional space is necessary, use a separate sheet or sheets and attach securely hereto.

rilling shall not commence until approval of the State Engineer is obtained.

11 casing shall be inspected and approved by a representative of the State Engineer before se.

f well proves to be non-productive the well shall be plugged under the supervision of the tate Engineer or his representative.

og of well shall be filed with the District Supervisor, Box 810, Roswell, New Mexico, upon ompletion.

(Revised 3-55)

## NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY	Stanley L. Jones	P.O. Box	c 464, Az	tesia, New M	exico	477 2
**** <u>*****</u>		(Address)	C		**************************************	
LEASE TOPE	well	NO 1	JNIT	S 14	<b>188</b>	<b>268</b>
<del></del>				Wildcat	<u> </u>	
DATE WORK PE	RFORMED		POOL_		***	
This is a Report	of: (Check appropr	iate block)	R	esults of Te	st of Casir	ng Shut-of
Beginni	ng Drilling Operatio	ns	R	emedial Wo	rk	
			-	Perfrac	ted & sand-	frac
Pluggin	g			ther		
Detailed account	of work done, natur	e and quant	ity of ma	aterials used	and resul	ts obtaine
Run 1943' of 5	2" OD 14# seemless J	55. Cemente	i wieu re	) sacks, nal	TIPUTON P	COCARS.
FILL IN BELOW Original Well Da	FOR REMEDIAL W	ORK REPO	RTS <u>ON</u> I	<u>_ Y</u>		
DF Elev.	TD PBD	Pro	d. Int.	Co	mpl Date	
Tbng, Dia			<del></del>	·····		h
Perf Interval (s)	_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Open Hole Interv	<del></del>	oducing For	mation	(s)	······	
D FOUL BOOK AND AND						
RESULTS OF WO	ORKOVER:			BEFORE	AFT	ER
Date of Test						
Oil Production,	bbls. per day					- 10 mg
Gas Production,	Mcf per day					·
Water Productio	n, bbls. per day					
Gas-Oil Ratio, c	cu. ft. per bbl.					
Gas Well Potenti	ial, Mcf per day					
Witnessed by			· =			
					ompany)	
OIL CONSEI	RVATION COMMISS	above	e is true	ify that the i and complet		
Name	Lanson	my k Name	nowledge	al Mel.	. L.	
Title	- vivious a	Posit		Bookkeeber	- Drie	every
Date		Comr	<del></del>	STANLEY L.	JONES	

# EXICO OIL CONSERVATION COM SION E DE W (Form Revised 7

## REQUEST FOR (OIL) - (GAS) ALLOWABLE FFB 2.1 1956 New Well

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form G-101 was Sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

		Arve	sia, New Mexic	0 2	/20/56
		(	Place)		(Date)
HEREBY R	EQUESTIN. <b>Jones</b>	G AN ALLOWABLE FOR A W	VELL KNOWN AS	i: ## .	1002
mpany or Or	erator)	(Lease)	Well No	, in	1/4 1/4
<b>G</b> , Sec	14	T. 185 R. 268 NI	MPM., Wilder	i <b>t</b>	Poc
)					
		County. Date Spudded	Date	Completed.	111/20
se indicate i	location:				
		Elevation3310	Total Depth19	70' , P.B	··
		T 11/- 1684		n in Cam	inforce on
	1	l op oil/gas pay	Name of	Prod. Form. Sian	antre or
	•	Casing Perforations:	660' to 1686'		0
		Donth to Cosing these of Dec	1943		
		-	•		
-		Natural Prod. Test	no te	et .	BOPI
		hased on	bble Oil in	u.,	Min
		Test after acid or shot	<b>5</b> 0		BOPI
	_	Based on	bbls. Oil in	Hrs	Mins
7					
740	200	Gas Well Potential			
19431	165	Size choke in inches		• • • • • • • • • • • • • • • • • • • •	•••••
		TO 1. C 11		2/18/9	6
		Date first oil run to tanks or	gas to Transmussion	system:	
		Transporter taking Oil or Ga	s. artesea	Pipe Sin	e Co.
<u></u>	L			,	
				***************************************	•••••••
			•		
		-	mplete to the best of	my knowledge.	
	******************	, 19		******************	
I CONSEI	NATION (	OMMISSION B	2/1/	mina d	Sieres .
E CONSER	VALION C	OMMINISSION Dy:		(Signature)	1
	Jans	Title			
		1	Send Communi	ications regarding	well to:
		•		T	
		Nam	e. Stanley L	· 400es	
	and Coment Feet 740  1943	se indicate location:  and Comenting Record Feet Sax  740 200  1943 165	mpany or Operator)  County. Date Spudded	manley L. Jones  (Lease)  (Lea	County. Date Spudded. 1/17/56 , Date Completed. 2 se indicate location:



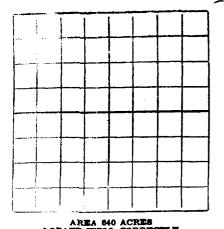
## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MAD 5 6 1956

## MISCELLANEOUS REPORTS ON WELLS ACTED A COMMEN

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, i

result of well repair, and other important instructions in the Rules and Regulations of				the Commission	. See additional
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON RES	SULT OF TEST T-OFF	REPORT C		
REPORT ON RESULT OF PLUGGING WELL	REPORT ON REC	COMPLETION	REPORT (Other)	DN	
		Runxing	CREAK Com	ent job	<u> </u>
	(Da	°26, 1956		Artesia, #	'lagge)
Following is a report on the work de		•		•	, m
(Company or Opera STANLEY L.	tor) JONES	Terry	(Lease)	1	
SW NE (Contractor)	14	, Well No 185	in the	6E	of Sec,
T, R. Wildbat	•••••••••••••••••••••••••••••••	Pool,		Eddy	County.
The Dates of this work were as follows:	February	27, 1956	·····	***************************************	
2nd cement tob	ed account of work - between 5 1/2* ent to shut cff f	and 8 5/8# th	rough head,	136 sacks	50% ù 1090°.
Bob Handon		Oil Conservat	ion Commiss	ion	
Witnessed by(Name)		(Company)		(Title)	
Approved: OIL CONSERVATION CO	DMMISSION	to the best of my	at the information knowledge.	given above is to	ue and complete
Name)	on	Name	STANLEY	L. JONES	
		Representing	Box 464,	Artesia,	N.M.
(Title)	(Date)	Address			



## NEW MET CO OIL CONSERVATION COMMISSION Santa Fc, New Mexico

## WELL RECORD

 $\lambda_i^{(2)}$ 

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Copies

		Jones &	MacArthur		*********	Terr	<u>Y</u>	**************************************
eli No			V 1/4 of NE	of Sec	<u>14</u> , т			
			north					
ell 15	14	teet ironi.	State Land the Oil a			eet mon.	***************************************	·H
-			7 20					
			Leonrd L. Geo					
ddress			lagerman, New	Mexico	**************	>+9.5.4.482.60 <b>2</b> 4005.7840.44.64.64.6		***************************************
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			_					weg 1
	7//	20		IL SANDS OR 2			:-	*
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			to					
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					ž.	•		(#18 <sup>6</sup> *
	•		to				***************************************	
			to				***************************************	
			to					***************************************
o. 4, from			to	· 		feet.		<u>(                                    </u>
				CASING BECO			* .	5 20
	WEIGH							<del></del>
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	1.47	# new	1943.			1000-1000		
, ip dispus - Alapha Ballinghous	· · · · · · · · · · · · · · · · · ·		The strategy of the strategy o		<u></u>			735
			MUDDING	AND CEMEN	TING RECORD		* * * * * * * * * * * * * * * * * * * *	
SIZE OF	SIZE OF	WHERE	NO. SACKS	метнор		MUD	AMOUNT	
HOLE	CASING	SET	OF CEMENT	USED		RAVITY	MUD USI	SD
911	8 3/4"	740	200	HOWCO		-		
6"	5 1/2	1943	165	HOWCO				
			RECORD OF	PRODUCTION .	AND STIMULAT			
		<b>(D</b>	.t	r	la			
2/17	1/56 000		the Process used, N					2.
_			ced from 1660					
ud ran	ahead of	sand-fra	ac plus 50 bb	ls. raw cru	de. Sand-f	rac same zo	ne with 10,0	000
gal. ref	ined oil	l and 10,0	000 lb. sand.	#PRAGGGOPRAGG AGGG GAGG AGG		***********************		
		Poor	wranad all a	udo and fr-	A 047 mills	m 01 h	m-77 / 01	······
			overed all cr	uue anu Ira	c oll withl	u 24 nours.	well is f.	rowing
O DDIS.	TUU% OI	LI per day	, no water	***************************************		(	***************************************	·····
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## 3D OF DRILL-STEM AND SPECIAL TE

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

### TOOLS USED

-			O feet to	•						•
Cable too	ds were us	ed from	feet to	D	feet, a	nd from		feet	to	fcet.
				PRODU	CTION					
Put to Pr	oducing	Fe	bruary 19	, 19 56	٠			•		•
OIL WE			n during the first 24 hou		0	har	rele of lin	nid of which	h 10	00 % 5/2
OIL WE		_								
			% was ei							sediment. A.P.I.
	Gra	vi <b>ty</b>				<u>ಪ</u> ಚ_	Travelir .	, 2.33.5E		
GAS WE	LL: The	productio	n during the first 24 hou	ırs waš		M,C.F. plu	18			barrels of
	lian	id Hydroca	arbon. Shut in Pressure	lbs.					in the second	
	_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			* Jewa		•	grain	e den e eest
Length o	of Lime St	iut in		•••••••••••					•	
PLE	ASE IND	ICATE B	ELOW FORMATION		FORMAN	CE WITH	GEOGE			
			Southeastern New M				_		estern New	
•			T.	Devonian		• •				
			T.	Montoya						**************************************
			т.	Simpson	, ,					***************************************
T. 7 Riv	vers	•	т.	McKee			<b>T.</b>			***************************************
			т.	Ellenburger			T.			. · .
•	_ ,		T.	Gr. Wash						
			Т. Т.	Granite						
			T.							***************************************
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T. Miss.			T.				т.			······································
	<del>,</del>			FORMATIO	N RECC	PRD		<del>,</del>	· · · · · · · · · · · · · · · · · · ·	······································
From	То	Thickness in Feet	Formatio	n	From	То	Thickness in Feet	3	Formati	on .
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45 95	95 <b>12</b> 0	50 25	clay gravel sand gravel		1918	1964	46	lime		•
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625	635	10	anhy, red bed,	lime	1					1//6
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750	777	27	anhy					·		
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1711 1719	1719 1743	8 24	blu <b>d</b> shale sand							
1743	1763	20	lime							m,
1763	1774	111	sand		1 1			7 7 7 7		V 78
1774	1830	56	lime	• 3		<u> </u>		-r - r	4,5	1 - A
			ATTACH SEPARA	TE SHEET IF	ADDITIO	NAL SPA	CE IS N	EEDED	,	• • •

I hereby swear or affirm that the information given herewith is a	complete and correct record of the well and	all work done on it so fa
as can be determined from available records.	<b>.</b>	August 8, 1956
Jones & MacArthur Company or Operator	Box 464, Artesia,	N.M. (Date)
Name	Position or Title secretary	

## APPLICATION FOR PERMIT TO DRILL FOR OIL

(required in artesian underground basins only)

ication No	IN-3046					
Name of applic	cant STANLE	I L. JONES		+	wn <b>Artesia</b>	
Post Uffice ac County of	ddress Box 46	4	; C1		New Mexico	
		,	<b>.</b>			
Well is to be	drilled under o	contract for_		tanley I	Jones  lf or company)	<del></del>
and is to be l	known as the	Te:	rv No. 1	-		well
			_			
The well is to of Section	be located in .	Township	85 4,_	SW	Range 268	N. M. P.
on land owned	by Paul Ter	ry	of	Artes	Range 268 ,	
	f well: Depth to		2000			feet
<del>-</del>	menting program		·		····	
IZE OF HOLE	SIZE OF CASING	li .	1	1	HANDED OR CEMENTE	1
	<del></del>	FOOT	USED	FEET		CEMENT
12"	5 300"	38#	beau	2001		
9#	9 5/8#	24#	used	750-80	O circulate cement	
<del></del>	1 2/0	ART DOG	-	<del>                                     </del>		
6*	5 1/2*	143#	new	1600-20	OO cemented	100
				]		
			<del>                                     </del>			
		<del> </del>	ļ	ļ		***
		(		I		
Commission or	the U.S. Geolo	ogical Survey	•		ith the Oil and Gas	24 2 19 2 47
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Commission or Conformance be Conservation Co	the U.S. Geolo	ogical Survey (Research	neux been Januar	filed a	nd approved with th	ne Oil and
Commission or Conformance be Conservation (Conservation Conservation C	the U.S. Geologond (has)  Commission.  to commence commen	nstruction works	neux been Januar	filed a	nd approved with th	ne Oil and
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SECOND WELL		<u>s.o.</u>	T. LEASES	DEV	ED IN AS	SIGNMENT
nmence By:		Lease Na	me:	E		Expiration
plete By:						•
g. Commenced:		John Ant	on Leavitt			1-12-59
pleted:Depth:		Walter S				1-12-59
- Producer	<u>.                                    </u>		. Leavitt S. Brown			1-12-59 3-2-59
THIRD WELL		Paul Ter	ry Peak Turner			2-3-56 1-27-59
mence By:		Linnette	Branham Pe	ak		1-27-59 1-27-59
plete By:						
g. Commenced:						
pleted:Depth:		•				
- Producer						
FOURTH WELL						
mence By:						
plete Bý:						
g. Commenced:						
pleted:Depth:	•					
- Producer						
	1		•			

-

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- 1987年 - 1988年 - 19884 - 1988年 - 198	November 18, 1955 Center of SE ST	of Section 14, Township 18 t, Eddy County, New Mexico.			
WELL OBLIGATION DATA  Commencement Date: Actual deilling (granutium)	Dry (Bottom) I	OUR OBLIGATIONS: None			
to be commenced by January 20, 1956 Completion Date: 50 shys after drilling (symm) commenced the commenced shape of the commenced the commenced shape of the com	Acresge to be See othe	Assigned: 104 serus, more or less. r side.			
O/R (Oil Payment) to S.O.T. See other side. Elec. Surv. Required? Mudlogging Unit? No. Call on Oil? First Well Commenced. (If more than one well required, see other side)	(w) Total depth pl my some in ex	us 200' but in no event to cover ness of 2000'.			
Completed Depth Dry Hole - Producer	Depth of Assignment:(*) Date Assignment Executed:				
Trate No. Class Area .	County	Contractor's Name			
gor S. Arteria State (	ionates. Her Mariae	ANTAGE AGES			

Pennzoil Exploration & Production Company Atoka San Andres Unit Well # 120 & 132 & 136 Section 11 & 14, T-18S, R-26E Eddy County, New Mexico

See attachment for stimulation design.

A copy of a Gamma Ray Neutron is attached. (Only on original to Santa Fe, New Mexico)

See attached Chemical Analysis on waters in the area.

See attached affirmative statement on geologic and engineering data examination.

See attached Notice and "Proof of Notice" in Artesia Newspaper.



## **BJ SERVICES COMPANY**



#### PENNZOIL E & P COMPANY

NO. 136 ATOKA INJECTOR
WASHINGTON
ATOKA, SAN ANDRES UNIT
EDDY COUNTY, NM
SAN ANDRES FORMATION

# #136 INJECTOR ACID TREATMENT PREPARED FOR MS. DEBRA FUNDERBURG 713-546-4289

Regions; the

SERVICE POINT

ARTESIA, NM (505) 392-5556

JUNE 5, 1997 REV: 1

WD090022

PREPARED BY

PERRY BAYCROFT, PENZOIL HOUS TECHNICAL SALES HOUSTON

SALES REPRESENTATIVE

WAYMAN HUNTER ACCOUNT MANAGER 713-683-3400



## **BJ SERVICES COMPANY**

OPERATOR: PENNZOIL E & P COMPANY WELL: NO. 136 ATOKA INJECTOR SAN ANDRES

### WELL DATA

**Net Pay** 90 ft **Depth to Middle Perforation** 1,667 ft Reservoir Pressure 500 psi Permeability .2 md **Porosity** 6 percent Casing 5-1/2" 15.5 lb/ft J-Fracture Gradient .95 psi/ft **Bottom Hole Frac Pressure** 1,584 psi **Bottom Hole Temperature** 88 deg F Perforated Interval 1,530 - 1,805 ft (214 holes)



## BJ SERVICES COMPANY

Treatment Requirements for: #136 BALLOUT ACID

ACID:

6,750 GALLONS 15% HCL

Containing per 1000 Gallons:
2.00 Gallons NE-118, NON-EMULSIFIER
7.00 Gallons FERROTROL-300L, IRON CONTROL
1.00 Gallons CI-10D, CORROSION INHIBITOR

SPOT ACID ACROSS PERFORATIONS AND LET SOAK FOR 1 TO 2 HOURS.

SALT DIVERTER:

530 GALLONS BRINE WATER

Containing per 1000 Gallons: 1060.00 Pounds SALT-TRIMIX, DIVERTING AGENT

ADD SALT TO BRINE AT 2 PPG.

ACID FLUSH:

1,800 GALLONS FRESH WATER

Containing per 1000 Gallons: 1.00 Gallons NE-118, NON-EMULSIFIER 0.25 Pounds XCIDE-207, BACTERIACIDE

MAY FLUSH WITH CLEAN LEASE WATER AND NO SURFACTANTS.



#### \*\*\* TREATMENT PROCEDURE \*\*\*

- 1. Pressure test all treating lines to operator's specifications.
- 2. Load hole with 15% acid, and soak perforations 1 2 hours.
- 3. Continue pumping acid with 3- 175 gallon salt diverters stages spaced evenly throughout the remaining acid.
- 4. Increase rate to 8 BPM and watch for diverter action. Increase rate and as necessary.
- 5. Pump remaining acid and flush.
- 6. Allow acid to spend.
- 7. Put well on injection.

NOTE: PENNZOIL TO PROVIDE BRINE, 530 GALLONS. SUGGEST JIMS WATER SERVICE AT 505-748-1325.

## UNICHEM

#### A Division of BJ Services Company Lab Test No: 11562 Sample Date: 7/3/96 Pennzoil 7/12/96 Lab Date In: Lab Date Out: 7/19/96 Water Analysis Prod. IPD Listed below please find water analysis report from: **ASAU** 1.002 Specific Gravity: Total Dissolved Solids: 3327 pH: 7.10 Conductivity (uohms): 0.093 Ionic Strength: Cations: mg/l 571 Calcium (Ca++): 208 Magnesium (Mg++): Sodium 125 (Na+): 0.40 Iron (Fe++): Dissolved Iron (Fe++): Barium (Ba++): Strontium (Sr): Manganese (Mn++): Resistivity: Anions: Bicarbonate (HCO3-): 342 Carbonate (CO3--): 0 0 Hydroxide (OH-): 1781 Sulfate (SO4--): Chloride (Cl-): 300 Gases: ppm 10.00 Carbon Dioxide (CO2): (O2): Oxygen 0.00 Hydrogen Sulfide (H2S): Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run CaCO3 SI CaSO<sub>4</sub> SI Temperature 0.62 -2.6086F 30.0C 104F 40.0C 0.97 -2.60122F 50.0C -2.601.15 140F 60.0C -2.091.30 168F 70.0C 1.54 -0.98176F 80.0C 1.77 0.72 Comments:

If you have any questions or require further information, please contact us.

Sincerely,

cc: Bill Polk

Loe Hay

Laboratory Technician

P.O. Box 61427, Midland, TX 79711 • 4312 S. County Rd. 1298, Midland, TX 79765 Office: (915) 563-0241 • Fax: (915) 563-0243

Lab Test No: 12717

Pennzoil

Sample Date: 9/5/96

9/17/96 Lab Date In:

Lab Date Out: 10/14/96

Water Analysis

Listed below please find water analysis report from:

**ASAU** 

Prod. H2O IPD

Specific Gravity:

Total Dissolved Solids:

1.119 166831

pH:

6.00

Conductivity (µmhos):

Carbon Dioxide (CO2):

Hydrogen Sulfide (H2S):

Ionic Strength

2 956

iome suchgui.		2.730	
Cations:	========	mg/l	
Calcium	(Ca++):	2000	
Magnesium	(Mg++):	437	
Sodium	(Na+):	62308	
Iron	(Fe++):	1.70	
Dissolved Iron	(Fe++):		
Barium	(Ba++):	0.70	•
Strontium	(Sr):		
Manganese	(Mn++):	1.90	
Resistivity:			
Anions:			
Bicarbonate	(HCO3-):	695	
Carbonate	(CO3):	0	
Hydroxide	(OH-):	0	
Sulfate	(SO4):	3391	
Chloride	(Cl-):	98000	
Gases:	:=======	ppm (0.00	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

CaCO3 SI Temperature CaSO4 SI -0.2286F 30.0C -26.46104F 40.0C -26.46 0.01 122F 50.0C -25.740.29 140F 60.0C 0.58 -25.02 70.0C 168F 0.92 -25.11176F 80.0C 1.29 -25.83

60.00

204.00

Comments:

If you have any questions or require further information, please contact us.

: Sincerely,

cc: Bill Polk

(O2):

0.20

Oxygen

Laboratory Technician

Joe Hay

#### A Division of BJ Services Company

Lab Test No: 12718

Pennzoil

Sample Date: 9/5/96

Lab Date In:

9/17/96

Water Analysis

Lab Date Out:

10/14/96

Listed below please find water analysis report from:

**ASAU** 

Fresh H20 IPD

Specific Gravity:

1.003

Total Dissolved Solids:

4097

pH:

6.95

Conductivity (µmhos):

Ionie Strength

0.107

j	onic Strength:		0.107	
Cations:	========	:=======	 mg/l	
(	Calcium	(Ca++):	<b>5</b> 60	
]	Magnesium	(Mg++):	194	
9	Sodium	(Na+):	447	
]	lron	(Fe++):	1.20	
]	Dissolved Iron	(Fe++):		
]	Barium	(Ba++):	0.20	
:	Strontium	(Sr):		
1	Mar.ganese	(Mn++):	0.20	
	Resistivity:			
Anions:				
1	Bicarbonate	(HCO3-):	293	•
(	Carbonate	(CO3):	0	
I	Hydroxide	(OH-):	0	
2	Sulfate	(SO4):	2003	
(	Chloride	(Cl-):	600	

Gases: 10.00 Carbon Dioxide (CO2): Oxygen (O2): 1.00

0.00Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature		CaCO3 SI	CaSO4 SI
86F	<b>3</b> 0.0C	0.37	-2.14
104F	40.0C	0.70	-2.14
122F	50.0C	0.89	-2.14
140F	60.0C	1.05	-1.59
168F	70.0C	1.30	-0.48
176F	<b>8</b> 0.0C	1.53	1.27

Comments:

If you have any questions or require further information, please contact us. Sincerely,

cc: Bill Polk

Laboratory Technician

Joe Hay

EOR BUSINESS UNIT/MIDLAND • P.O. BOX 50090 • MIDLAND, TX 79710-0090 • (915) 682-7316 4000 N. BIG SPRING, SUITE 325 • MIDLAND, TX 79705-4613 • FAX (915) 686-3535

August 14, 1997

Pennzoil Exploration & Production Company Atoka San Andres Unit Wells No. 120, 132, 136 Atoka San Andres (03610) Eddy County, New Mexico

In reference to the Atoka San Andres Unit Well locations as follows: Well #120, Section 11, T-18-S, R-26-E, 990' FWL & 330' FSL Well #132, Section 14, T-18-S, R-26-E, 990' FNL & 2310' FWL Well #136, Section 14, T-18-S, R-26-E, 2310' FNL & 1650' FEL Eddy County, New Mexico, I have examined the available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

E. G. Blum, Geologist

## Affidavit of Publication

No15947
STATE OF NEW MEXICO,
County of Eddy:
Gary D. Scott being duly
sworn, says: That he is the Publisher of The
Artesia Daily Press, a daily newspaper of general circulation,
published in English at Artesia, said county and state, and that
the hereto attached <u>Legal Notice</u>
was published in a regular and entire issue of the said Artesia
Daily Press, a daily newspaper duly qualified for that purpose
within the meaning of Chapter 167 of the 1937 Session Laws of
the state of New Mexico for 1 consecutive weeks on
the same day as follows:
First Publication July 29, 1997
Second Publication
Third Publication
Fourth Publication
Jan Nett
Subscribed and sworn to before me this 29th day
of <u>July</u> 19_97
Notary Public, Eddy County, New Mexico
My Commission expires September 23, 1999

## Copy of Publication

#### **LEGAL NOTICE**

#### NOITCE OF APPLICATION FOR FLUID INJECTION WELL PERMIT

Pennzoil Exploration & Production Company, P.O. Box Texas Midland, 79710-0090 is seeking administrative approval from the New Mexico Oil Conservation Division to utilize our Atoka San Andres Units, Well #120, #132 and #136 as injection wells. The wells are located in Section 14, T18S, R26E, Eddy County, New Mexico. The proposed injection zone is the San Andres formation; well #120 from 1400'-1800'; well #132 from 1200'-1800' and well #136 from 1400'-1800'. Pennzoil intends to inject a

maximum of 200 bbls of produced formation water per day per well at a maximum injection pressure of 1200#.

Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM, 87501 within 15 days of this notice.

Published in the Artesia Daily Press, Artesia, N.M. July 29, 1997.

Legal 15947

Pennzoil Exploration & Production Company Atoka San Andres Unit Well # 120, 132, 136 Section 11 & 14, T-18S, R-26E Eddy County, New Mexico

## \*\*\* XIV \*\*\*

### **Leasehold Operators Within 1/2 mile Radius:**

There are no other operators within 1/2 mile radius of the proposed well due to the fact that the area in question has been unitized.

#### Surface owners:

#### **ASAU # 120:**

Jack and Corine Verhines 3313 Highland Roswell, New Mexico 88201

### ASAU # 132 & 136:

Bill and Pat Netherlin 103 East Four Dinkus Road Artesai, New Mexico 88210

David and Sandra Barrett C/O Bill Netherlin 103 East Four Dinkus Road Artesia, New Mexico 88210

Copies of Form C-108 have been sent to land owners.

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