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#### NEW MEXICO OIL CONSERVATION DIVISION L

- Engineering Bureau -

#### **ADMINISTRATIVE APPLICATION COVERSHEET**

Applica	[PC-I	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] whole 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] ualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF AI [A]	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]	NOTIFICAT [A]	TION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply ☐ Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	Application is One Which Requires Published Legal Notice
	[D]	☐ Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	☑ For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	☐ Waivers are Attached
[3]	INFORMAT	ION / DATA SUBMITTED IS COMPLETE - Statement of Understanding
I here	by certify that I	, or personnel under my supervision, have read and complied with all applicable R

ules 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.

Regulatory Agent 9-22-97
Date

### CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: PENNIZOIC EXP	<u>Co.</u> Well: _	ATOKA SA	v ANORES - 3 WELLS
Operator: PENINIZOIL EXPO Contact: ANN RITCHE	MAN Title: <u>RUGULAT</u> C	DRY AGENT	Phone: <u>915 · 686 · 3505</u>
DATE IN 9.26.97 F			
Proposed Injection Application is for:	→ WATE	RFLOOD	X Expansion Initial
Original Order: R- 3476	Second	lary Recovery	Pressure Maintenance
SENSITIVE AREAS	SALT V	WATER DISPOS	SAL Commercial Well
WIPP Capitan Reef			
Data is complete for proposed well(s)? 4	<u>⊬</u> Additional C	Oata Req'd	
AREA of REVIEW WELLS			
<u>63</u> Total # of A	OR	<u>/</u> 4 # of Pl	ugged Wells
<u> ५८८</u> Tabulation C	Complete	<u>UES</u> Schem	atics of P & A's
<u>५८८</u> Cement Top	s Adequate	<u> NO</u> AOR Re	epair Required
INJECTION FORMATION			
Injection Formation(s) $S_{AN}$	ANDRES		Compatible Analysis 465
Source of Water or Injectate	PRODUCTION	/	
PROOF of NOTICE			
Copy of Legal Notice	9	<u>46</u> SInforma	ation Printed Correctly
Correct Operators		Copies	of Certified Mail Receipts
$\underline{\mathscr{N}}$ Objection Received		Set to	Hearing Date
NOTES:	<del> </del>		
APPLICATION QUA	ALIFIES FOR ADM	INISTRATIVE A	APPROVAL? 465
COMMUNICATION WITH CONTACT PERSON:	.,		50
1st Contact:	Letter <u> </u>	e Nature of Discussion	MERBER APPRINACE
2nd Contact: Telephoned	LetterDat	e Nature of Discussio	1
3rd Contact: Telephoned	LetterDat	e Nature of Discussio	n

STATE OF NEW MEXICO OIL CONSERVATION DIVISION FORM C-108 ENERGY AND MINERALS DEPARTMENT POST DEFECT BOX JONE Revised 7-1-81 STATE LAND DITICE BURD SANTA PE MEN MELED B/301 APPLICATION FOR AUTHORIZATION TO INJECT Secondary Recovery Pressure Maintenance Disposal Purpose: ∐ Storage Application qualifies for administrative approval? X yes 11. Operator: Pennzoil Exploration & Production Co. .Address: PO Box 50090 Midland, Texas 79710-0090 Phone: (915) 686-3505 Contact party: Sharon Hindman Well data: Complete the data required on the reverse side of this form for each well 111. proposed for injection. Additional sheets may be attached if necessary. IV. Is this an expansion of an existing project? X yes []no If yes, give the Division order number authorizing the project Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. Attach a tabulation of data on all wells of public record within the area of review which VI. penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. VII. Attach data on the proposed operation, including: Proposed average and maximum daily rate and volume of fluids to be injected; 2. Whether the system is open or closed; Proposed average and maximum injection pressure; 3. 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 5. If injection is for disposal purposes into a zone not productive of oil or gas et or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.). Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. IX. Describe the proposed stimulation program, if any.

- ·VIII.
- Attach appropriate logging and test data on the well. (If well logs have been filed X. with the Division they need not be resubmitted.)
- Attach a chemical analysis of fresh water from two or more fresh water wells (if XI. available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
  - XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification .

of the earlier submittal.

Name:Ann E	. Ritchie	Title Regulatory Agent
Signature:	The Thirty	Date: 9-23-97

DISTRIBUTION: Original and one copy to Santa fe with one cupy to the appropriate Division district office.

#### 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 Hell Data Sheets which may be used or which may he 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 gos 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 what 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 SUBMITTED.

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.

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

( topy for application)

#### Pennzoil Exploration & Production Company Atoka San Andres Unit Well No. 120 Section 11, 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: # 120

Location: Section 11, T-18S, R-26E, 330' FSL & 990' FWL

(2) Casing: 8-5/8" @ 1178' w/ 400 sx cement in a 11" hole \*

5-1/2" @ 1696' w/ 160 sx cement in a 7-7/8" hole \*\*

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

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

\* Cement was circulated

\*\* Top of cement at 840' by temperature survey

B.

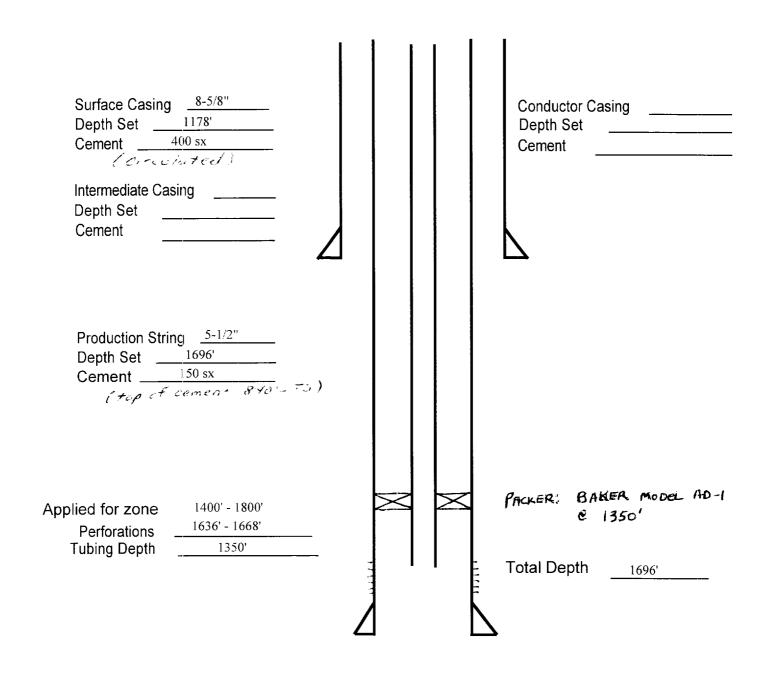
(1) Injection Formation: San Andres

Field Name: Atoka San Andres ( 03610 )

(2) Injection Interval: 1636' - 1692'

- (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 # 120	
LOCATION	990' FWL & 330 FSL Sec 11, T-18-s, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	_

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

Requirement
\*\*\* V \*\*\*

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

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

AACIIS	Within a 1/2 Wille Madius.	
1	Pennzoil ASAU Unit Well # 122 Socony Mobil Oil Co., #1 Reed-Brainard 330 FSL & 2310 FEL Sec 11 T-18-s, R-26-E DD: 7-28-56 TD: 1736 API# 30-015-00175	(E)
2	Pennzoil ASAU Unit Well # 121 Standard Oil Of Texas - Aaron #1 330 FSL & 2310 FWL Sec 11 T-18-S, R-26-E DD: 9-19-56 TD: 1710' API # 30-015-00307	<b>(</b> E)
3	Felmont Oil - Aaron COM #1 990 FSL & 1650 FWL Sec 11 T-18-S, R-26-E DD: 11-11-72 TD: 9191' API # 30-015-20739	(NE)
4	Pennzoil ASAU Unit Well # 113 Mobil Oil Corp., De Fanning #1 1650 FSL & 2310 FEL Sec 11 T-18-S, R-26-E DD: 9-2-56 TD: 1797 API # 30-015-00176	(NE)
5	Pennzoil ASAU Unit Well # 114 Standard Oil Of Tx, MG Johnson #1 1650 FSL & 2310 FWL Sec 111 T-18-S, R-26-E DD: 10-17-56 TD: 1714' API # 30-015-00306	(NE)

6	Pennzoil ASAU Unit Well # 103 Standard Oil Of TX, Howard Stroup #3 2310 FNL & 990 FWL Sec 11 T-18-S, R-26-E DD: 1-30-57 TD: 2480' API # 30-015-00301	(N)
7	Pennzoil ASAU Unit Well # 115 Standard Oil Of TX, MG Johnson #2 1650 FSL & 990 FWL Sec 11 T-18-S, R-26-E DD: 11-1-56 TD: 1721 API # 30-015-00303	(N)
8	Pennzoil ASAU Unit Well # 116 Standard Oil Of Tx, Ralph Rogers Well #2 1650 FSL & 330 FEL Sec 10 T-18-S, R-26-E DD: 11-12-56 TD: 1724 API # 30-015-00310	(NW)
9	David Fasken, Rogers #1 1650 FSL & 660 FEL Sec 10 T-18-S, R-26-E DD: 8-21-74 TD: 9200' API # 30-015-21182	(NW)
10	Pennzoil ASAU Unit Well # 119 Standard Oil Of TX, Ralph Rogers #3 330 Fsl & 330 FEL Sec 10 T-18-S, R-26-E DD: 12-9-56 TD: 1766 API # 30-015-00309	(W)
11	Hammond HC, Peake & Brown #1 800 FNL & 935 FEL Sec 15 T-18-S, R-26-E DD: *** TD: 950' API # 30-015-00283	(SW)

12	Pennzoil ASAU Well # 159 Gulf Oil, ASAU Well # 159 125 FNL & 1665 Fwl sec 14 T-18-S, R-26-E DD: 2-24-85 TD: 1879' API # 30-015-25044	(S)
13	Pennzoil ASAU Well # 133 Standard Oil Of TX, Paul Terry #3 990 FNL & 990 FWL Sec 14 T-18-S, R-26-E DD: 11-30-56 TD: 1740' API # 30-015-00284	(S)
14	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	(S)
15	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	(S)
16	Kewanee Oil Company 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	(S)
17	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	(S)

Well 7 122 iterest district affice of the State Engineer. All sections, except Section 5, shall be answered as completely and courately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed. Section 1 (A) Owner of well Magnolia Petroleum Company Street and Number Box 727 Kermit State Taxas City \_\_\_\_\_ Well was drilled under Permit No. 0-2-E-102 and is located in the SW 1/4 SW 1/4 SE 1/4 of Section 11 Twp. 187 Rge. 265 Reed Brainard # (B) Drilling Contractor Leonard L. George Orlg. Co License No. Street and Number Box 796 City Hagerman State New Mexico Drilling was commenced June 29 <u> 19\_56</u> o 23LO! Drilling was completed July 23 19\_56\_ (Plat of 640 acres) Elevation at top of casing in feet above sea level 3312 Total depth of well 1736 FBTD 1713 State whether well is shallow or artesian (oil well) Depth to water upon completion (oil well) PRINCIPAL WATER-BEARING STRATA Section 2 Depth in Feet Thickness in No. Description of Water-Bearing Formation From To Feet 1 2 3 4 Section 3 RECORD OF CASING Depth Perforations Dia Pounds Threads Feet Type Shoe Bottom From To in. ft. in. Top 8FT O 404 404 13\_3/8 (Clamps) 43# 8RT 0 802 802 Howco. 9 5/8 30 & 32 1CVT 1736 Ū 1736 Howco. 1647 1666 24# RECORD OF MUDDING AND CEMENTING Section 4 Depth in Feet Diameter Tons No. Sacks of Methods Used Hole in in Clay Cement From To Mudded in - Pulled 0 404 None  $17^{\frac{1}{2}}$ 124 Fump & Plug 404 802 884 Pump & Plug 802 8 3/4 1736 10.48 500 (Not Applicable) PLUGGING RECORD Section 5 License No.\_\_\_\_\_ Name of Plugging Contractor \_\_\_\_\_ City\_\_\_\_ \_\_\_\_\_ State\_\_\_ Street and Number\_\_\_\_ \_\_\_\_Tons of Roughage used\_\_\_ \_\_Type of roughage\_\_ Tons of Clay used.... .19\_ Date Plugged\_\_\_ Plugging method used.... Cement Plugs were placed as follows: Plugging approved by: No. No. of Sacks Used Basin Supervisor From FOR USE OF STATE ENGINEER ONLY

Use\_

Location No.

Date Received .....

File No.

LAND OFFICE

The same of the sa

	THANSPORTER OIL				RECEIVED
	ORGUETOR HISTORICE	10			OCT 24 1978
	uctupi NGulf: Oil Corpor	ation			O. C. C.
3 1	Box 670, Hobbs,	N.M. 8	38240		,
R	eason(s) for filing (Chrck p swww.t) scompletion mange in Ownership		Change in Transporter of:	Other (Please explain) Change in well formerly Tr. effective 9-1-	number designation 7, Well # 1 78
	change of ownership give 1 address of previous ow				
H. DE	SCRIPTION OF WELL	L AND L	EASE Vell No. Pool Nume, Including F	ormation   Kind of L	ease
<b>)</b> —	Atoka San Andres	Unit	122 Atoka San An	dres State, Fee	deral er Fee Fee
	Unit Letter 0	330	Feet From The South Li	ne and 2310 Feet Fr	on The East
L	Line of Section 11	Towns	ship 18-S Range	26-Е , ммри,	Eddy
No	nne of Authorized Transport	er of OI!		Addines (Give address to which ap	proved copy of this form is to be
			, Pipeline Division	North Freeman Avenue,	Artesia, N.M. 8821
	eme of Authorized Transport Phillips Petrolet		ghead GasXX or Dry Gas any	Address (Give address to which ap 4001 Penbrook, Odessa	
It v	well produces oil or liquida re location of tanks.	, ,,,	F 13 18S 26E	is gas actually connected?	When 11-25-59
	nis production is commin	gled with	that from any other lease or pool,	give commingling order number:	
	Designate Type of Co	mpletion	- (X) Gas Well	New Well Workover Deepen	Plug Back   Same Hes'v.
Dat	te Spudded		Pate Compl. Ready to Prod.	Total Depth	P.B.T.D.
Ele	vations (DF, RKB, RT, GR	, etc.j N	ame of Producing Formation	Top Otl/Gas Pay	Tubing Depth
Per	lorations			1	Depth Casing Shoe
			TUBING, CASING, AND	CEMENTING RECORD	
	HOLESIZE		CASING & TUBING SIZE	DEPTH'SET	SACKS CEMEN
	ST DATA AND REQU	EST FOR	ALLOWABLE (Test must be a	fer recovery of total volume of load . p:h or be for full 24 hours)	oil and must be equal to or exce
	, WELL • First New Oil Run To Ta	nka D	ate of Teat	Producing Method (Flow, pump, gas	s life. etc.)
L.or.	igth of Tant		ubing Pressure	Cosing Pressure	Choke Size
Act	ual Fred, During Test		il-Bbis.	Water-Bbis.	Gas-MCF
<b>I</b>					
	S WELL, yai fros. Tael-MCF/D	L	ength of Test	Bbls. Condensate AttiCF	Gravity of Condensate
Tes	ting hist of (pitot, back pr	., 7	ubing Pressure (Shut-is)	Cosing Pressure (Shut-in)	Choke Size
ı. CET	RIPICARE OF COME	LIANCE			VATION COMMISSION
1 her	raby certify that the rule	a and rega	adutions of the Oil Conservation	APPROVED OCT 30	1978
sticy	e is true and complete	to the be	and that the information given ist of my knowledge and belief.	BY W. G. STIPERVISOR	DISTRICT II
	1100	l		This form is to be filed i	in compliance with RULE t
	St. S. Sil	(Signistrate)	7.	If this is a request for at well, this form must be accomtonia taken on the well in ac	lowable for a newly drilled condidd by a tabulation of the
A	rea Engineer	(Title)		All sections of this form ship on new and recompleted	must be filled out complete!
T	0-16-78			Fill out only Sections I.	II. III, and VI for clianga octed or other such change i
		(Date)		Separate Forms C-104 in completed wells.	ust be filed for each poul

FEND_   PAPE   APPE   PAME   PAPE   PAME   PAPE	FORM 25-116(2)			EXPENDITURE - WEL					DATE ISSUED	PAGE
A   C   C   C   C   C   C	AFE NO			IENT AND / OR OTHER	COSTS			TOPERATOR	15-Feb-96	1 OF 1
DIVISION   DIVISION   DIVISION   STREET PROFITS   DIVISION   DIVISION   SUB   DIVISION   SUB   STREET PROFITS   DIVISION   DIVISIONI   DIVISIONI   DIVISIONI   DIVISIONI   DIVISIONI   DIVISIONI   D			1	Andres Unit #122 - Re	nlace Bods	and Tubing			ration & Production (	20 117126
STRICT OF NO	COMPANY		JANONG CONT.	Allaroo Oliii Willer He		and rabing	<del></del>			717 120
STATE   COUNTY OF PARISH   1918   TAX DISTRICT	PEPCO	<del></del>		020			00:			193
MARCOUNT OF PARISH	Permian EOR			039		SUB				
FED CRANEA   1978   1978   1978   1979   1	STATE	·				R PARISH				
Inches	New Mexico			30		PECEDIAN.	018		PAPAUA A	
ASSOCIATED AFE   AFE CLASS   COST PROPERTY   MID	Atoka			1187					HESEHVOIR	
ROJECT DESCRIPTION Replace roos and tubing to return well to production. Work completed on 2/1366. Well produced 8 DOPD, 5 MOFD, and 8 BMPD during a January 1996 feet.  ATE TO START 2/96 2/96 2/96 3/96 3/96 3/96 3/96 3/96 3/96 3/96 3	BOOK PROPERTY				ASSOCIAT			AFE CLASS		(X) DEV
Main			Benjace ros			duction Wor	k completed o		1005720-	] []EXPL
ATE TO START			Well produc	ced 6 BOPD, 5 MCFD,	and 6 BWPD	during a Jan	uary 1996 test	-		
ATE TO START										
	DATE TO START 2/96			WELL BORE NO.	PLAY	DAYS TO D	RILL	PROJ.GROUP		
	[X]Oil			[]Triple-3		[]Guil-4	ENVIRON	MENTAL COST	_1	% SAFETY &
N ACCOUNT   105%   10	[]SWD []Water	{ }Inj	[]Dual-2	[]Other		[]Sea-5	% AIR	% WATER	% LAND	HEALTH
N ACCOUNT   105%   10		<del></del>		DETAIL OF PRODUCT	TION FOUIP	MENT AND O	HER COSTS	.l	1	<u> </u>
I SUB   ELM			]						QUANTITY	AMOUNT 100%
1 9146   215	T   GEN   SUB		7							××××××
1 9145   216   501   Salaties and Wages (1 day @ \$250iday)   250     9145   216   502   Payroli Burden   50   50     9145   216   536   502   Food & Equipment Rental (80P, etc.)   400     9145   216   535   504   504   504   504   504   504   504   504     9145   216   535   504		<del></del>	Tubino (166	D' of 2 3/8" .LEE 2014 □	IIE seating	ninnle\				
1   9146   216   502   Payroll Burden   50   1   9146   216   536   Tool & Equipment Rential (BOP, etc.)   400		<del></del>	T			mppie/		<del></del>	<del></del>	· · · · · · · · · · · · · · · · · · ·
1   9146   216			<del></del>		(uay)				<del> </del>	1
1.9146   216		<del> </del>			. 1					
1   146   216   833   Auto & Truck Transportation   500     1   146   220   211   Bottom Hole Pump (Repair)   100     1   146   220   213   Sucker, Pony & Polished Rode (1650' of Grade D 5/8" rode)   1,200     1   1		_		<del></del>				<del></del>	<del></del>	<del></del>
1   9146   220   213   Sottom Hole Pump (Repair)   100     1   9146   1220   213   Sucker, Pony & Polished Rode (1650' of Grade D 5/8" rode)   1,200     1   1					rk iiit, etc.)		<del></del>	<del></del>	<del> </del>	<del></del>
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		213	Sucker, Por	ly & Possined Roos (16:	or of Grade	D 3/6" 1008)				1,200
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	APPROVAL / DATE							70		1

	TWP	8-5 AGE	26.E	COUNTY	ddy	STATE N. M.
AFE HO		PZL. W I.	100%	GAC	SS AFE	
JOB DESCRIPTION	Replace Rods,	And Yluxa.		SUF	PLEMENT 1	
				τοτ	AL GROSS AFE	
SIZE		WT.	GRADE	C	EPTH	THREAD
0 7"		24#		17	36 100065	<u> </u>
Z Z						
SSG STRING						
8						
£ 23/	·"	1.70#	J55	16	57'	BRNd. EUE
STRING(S)						
. /						
186						
PERF RECORD	1647	- 1666'	45PF. 76 H	bles)		
COST ITEM	AS TD	1736'	1713'	PERFS/FMT		
LOC	PKR ●		.N. 🍎	EOT @		SITP
AIG #	336 WORK PERF	FORMED 2/13/96	MIRU PRI	de Wen Sq	exice, LA	yed dN Au
		48" Rods.	NA Weich			I TAG St & TA
TANKS	Soften	u LATASTA				555 tbng.
CMTG	Tosa	sed bottom		NO FILL)		
H28	103				5 16N9.	ND BOP NO
E. LOGS	ueul					Repaired 14"
PERF				_		3615 FW hela
STIMULATION		Good pmp				
SUPV		Town Det				Rod Detail
TRANS AND TOUR FROM YAND COG WEAR IN THE	#194	7	Length	Sesth	11/4"×11	Polish Rolus SXI
CSG CIEMUM BES.	12.13		8.00		2-5/8">	4 PONY Rook
	2234			8.00'	bb - 5/8"	Norris 78 Pods
TBG 1657 42.01 8		- New			.14.44	
18G 1657 42.01 81 NEW FR ROSS NEW		J55_tbn4.	1657.41'		1478	x2'RHBC pmf
	1188 535ts		1657.41'	1665.41	14"×8	XZ'RHBC pmf
YE ROAS NEW DH TOOLS	1188 53Jts	BANG. EUE		/665.4/°		XZ'RHBC pmf
DH TOOLS  DH TOOLS  DH EOUP SATTAIDAIC	1188 5354s *154 Seat1	BRNd. EUE Vipple	1:10'			XZ'RHBC pmf
DH TOOLS  DH TOOLS  DH EOUP SATTAIDAIC	1188 5354s *154 Seat 1	BANG. EUE Nipple 28 API BRUG.	1.10'	1665.41°		XZ'RHBC pmf
DHEOUP SATAIDAL DHLIFT DHLIFT DMCKEDAIR PUPO U	1188 5354s *154 Seat 1 *102 Perf	BRNd. EUE Vipple				XZ'RHBC pmf
DHEOUP SATAIDAL DHLIFT DHLIFT DMCKEDAIR PUPO U	1188 5354s *154 Seat 1 *102 Perf	BAND. EUE Vipple 2% API BAND. Sub 55 BAND.	1·10' 3.∞'	1666.51'		XZ'RHBC pmf
DHEOUP SATAIDAL DHLIFT DHLIFT DMCKEDAIR PUPO U	1188 5354s *154 Seat 1 *102 Perf 5 336 Mud	BAND. EUE Nipple 28 AMI BAND. Sub 55 BAND. Anichor	1.10'	1666.51'		XZ'RHBC pmf
PRIODE DE TOUR	1188 5354s *154 Seat 1 *102 Perf 5 336 Mud	BAND. EUE Vipple 2% API BAND. Sub 55 BAND.	1·10' 3.∞'	1666.51		XZ'RHBC pmf
DH FOUR  DH FOUR  DH FOUR  SATTAIDAIC  DH LIFT  PORE (PAIR  PRIE (POP)  CHEM  OTHER	1188 5354s  #154 Sear 1  #102 Reef  5  #336 Mud  555	BAND. EUE Nipple 28 API BAND. Sub 55 BAND. Anichor Bui Plugger	1.10' 3.00' 31.36' bug Suspended	1666.51' 1669.51' 1700.87'	PA	XZ'RHBC pmf
DH TOOLS  DH TOOLS  DH EQUIP SATT A IDNAC  DH LIFT PUND U  B EQUIP  TREE (BOP)  CHEM  TOTAL  TOTAL	#154 Sear 1 #102 Perf J336 Mud J55 SNde	BAND. EUE Nipple 28 API BAND. Sub 55 BAND. Anichor Buillugger	1.10' 3.00' 31.36' bug Suspended	1666.51' 1669.51' 1700.87' 12'04 bottom	PA	BXZ RHBC pmf
DH TOOLS  DH TOOLS  DH EQUIP SATT A IDNAC  DH LIFT PUND U  B EQUIP  TREE (BOP)  CHEM  TOTAL  TOTAL	#154 Sear 1 #102 Peet 5 336 Mud 555 5 Nde	BAND. EUE Nipple 28 API BAND. Sub 55 BAND. Anichor Buillugger	1.10' 3.00' 31.36' bug Suspended	1666.51' 1669.51' 1700.87'	PA	BXZ RHBC pmf

## Submit 3 Copies to Appropriate Dustrict Office

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

Form C-103 Revised 1-1-89

P.O. BOX 1980, HO-DE, NM 88240	P.O. Box 201	88	WELL API NO. 30 015 00307			
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease STATE	FEE X		
1000 Rio Brazos Rd., Aziec, NM \$7410			6. State Oil & Gas Lesse No.			
( DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVO	ES AND REPORTS ON WELDSALS TO DRILL OR TO DEEPEN DR. USE "APPLICATION FOR PE 1) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. Lease Name or Unit Agreement No. ATOKA SAN ANDRES UN			
1. Type of Well: OIL GAS WELL	ones INJE	CTION	ATORA SAN ANDRES UN			
2. Name of Operator PENNZOIL EXPLORATION &	PRODUCTION COMPANY		8. Well No. 121			
3. Address of Operator P O BOX 50090 MIDLAND 4. Well Location	TEXAS 79710-0090	· · · · · · · · · · · · · · · · · · ·	9. Pool same or Wildcat ATOKA SAN ANDRES			
· =	Feet From The SOUTH	Line and231	O Feet From The WEST	Line		
Section 11		inge 26E	NMPM EDDY	County		
	10. Elevation (Show whether 3325 *					
11. Check Ap	propriate Box to Indicate 1	Nature of Notice, R	eport, or Other Data			
NOTICE OF INTE	NTION TO:	SUE	SEQUENT REPORT OF	;		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASI	NG 🗌		
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	G OPNS. PLUG AND ABAI	NDONMENT 🗌		
PULL OR ALTER CASING		CASING TEST AND C	EMENT JOB			
OTHER:		OTHER:				
12. Describe Proposed or Completed Operation work) SEE RULE 1103.	s (Clearly state all pertinent details, es	d give pertinent dates, inclu	ding estimated date of starting any propo	wed		
<ol> <li>Run GR/CNL log from</li> <li>Perf San Andres bas</li> <li>Acidize and fractur</li> </ol>	sed on GR/CNL log. re treat based on per assembley, perform me	foration proced				
				į		
				``		
I hereby certify that the information above is true and	complete to the best of my knowledge and	belief. Production A	Assistant 7/14	4/97		
SIGNATURE	VLudma	11000001	DATE			
TYPEORPROTINAME Sharon Hind	iman		TELEPHONE NO.	915 686-3		
(This space for State Use)						
APPROVED BY	m	u	DATE			

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W. 17 17 17 1

		able wh		apid be ca te Engine well is	ecuted in er All sec drilled, re	triplicate loos est raired or leter	preferably ty ept Section 5, st deepened. Whe	nall be answered an this form is us	a completely and ed as a pluggin
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911	0.0			•				State	
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	lat of 640 a					*	April .	_	
levation	at top of	casing i	n feet	above sea	level	3343	Total de	pth of well	7LO
tate wh	ether wel	l is shall	ow or	artesian_			Depth to wa	ter upon comple	tion
ection 2	2			PRIN	CIPAL WA	TER-BEAR	ING STRATA		
No.	Depth in	To		kness in Feet		De	scription of Wate	r-Bearing Formatio	n
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2	<del></del>	<del> </del>	1			1	-	<del> </del>	
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5				•		(			
ection 3	3	1		•	RECOR	D OF CA	SING		,
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<b>1-5/8</b>	24			0	1178	2163	Plost		\
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ection 4	4			RECOR	D OF MUE	DING A	ND CEMENTING		
	n in Feet	Diam		Tons	No. Sa Cem			Methods Used	
From	То	Hole i		Clay					
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ection (						ING REC		• <u>_</u>	_ <del></del>
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raRRmf	2 abbrosec	. <i>.</i> j.	. "			· F	Depth of 1	Plug	<del></del>
~				Basin Sur	ervisor	N	0.	To No. o	f Sacks Used
	FOR US	E OF STA	E E	GMEE					
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Date	Received		<b>~</b>	15 1951	3 /	-   -	* *	1	

Togetion No.

120-3



FROM : SOUTH	HWEST RECORDS	SEARCH	PHONE N	O. : 505 <sup>-</sup>	746946 <b>7</b> .·	Jul.	21 1997 12:26PM
í					V de		
DISTRIBUTION	5						1 C-105 Ised 1-1-65
NTA FE		NEW ME	XICO OIL CÓN	SERVATION	COMMISSION	ξα, India	rate Type of Lease
ILE .5.G.5.	WE	LL COMPLET	ON OR RECO	MPLETION	REPORT AN	D LOG State	Oil & Cas Lagse No.
AND OFFICE	ادو		į	DEO . j	479	j. state	on good game no.
PERATOR				, بر	WA		
TYPE OF WELL				TEDIA. GF	·		Agragment Matte
	OIL C	GAS X	ا رين	ೀಪಿತಿಗಿದ್ದ ವೃಕ್ಷ	32°		
TYPE OF COMPLE	TION			OT NER		1	or Leage Name
MELL WOR	R DREPEN	BACK L	RESVA.	OTHER		9. Well	eron Com
Felmont Oil C	orporation						1
Address of Operator C/o Oil Repor		reicas Inc	Boy 763	Hobbs.	New Mexico		ld and Pool, or Wildon
Location of Well	to d use ser	72060, 100	, 100 , 100	, 1100001	Men Mexico	1111	
	224		<b>0</b> 41	<b>1</b> .	1460		
IT LIETTER N	LOCATED	PEET PRO	Sout	LINE AND	1650	EET FROM	
West Line or	11	188	26E NMPM			12. Col	
, Date Spudded	16, Date T.D. Rea 10/23/72	ched 17, Date Co	ompl. (Ready to F		ievations (DF, R 3332 KB	KB, RT, GR, etc.)	19. Elev. Cashinghead
. Total Depth 9191	21. Plug 1	3ck T.D.	22. II Multipl Many	e Compl., How	23. interval Drilled	Rotary Tools  O - TD	Cable Tools
, Producing Interval	a), of this completion		Name	···			25. Was Directional
8968-8978 St	onico						Yes
5. Type Electric and 6 Acoustic Vel	Other Loys Run	tion-Electr	ic				27, Was Well Cored No
8.			NG RECORD (Res	port oil strings	set in well)		
CASING SIZE	WEIGHT LB./			LE SIZE		TING RECORD	AMOUNT PUL
16	65# 42#	1195				875	none
8 5/8	24#	1800	10	5/8		300	none
4 1/2	10.5# & 1		7	7/8	- Con	330	none
9. SIZE	TOP	SOTTOM	SACKS CEMENT	SCREEN	30.	DEPTH SE	RECORD PACKER S
					2 3/8	8944	8931
1. Perforation Record	(Interval, size and	number)		32. OFPTH	ACID, SHOT, F		IT SQUEEZE, ETC. ID KIND MATERIAL USE
8968-8978,	2 shots per	foot		8968		none, matu	
1.00 miles (1.00 m							
2264-19-1					<del> </del>		
3.				DUCTION			
11/5/72	Produc	tion Method (Flow	ing, gas lift, pum Lowing	ping — Size on	d type pump)	Well	Status (Prod. or Shut-in) Shut In
	Hours Tested	Choke Size 36/64	Prod'n. For Test Period	01 - Bbl. 12	Gus MCI 4750	Nator - Bb	1. Gas—Oil Ratio 395,833
nte of Tent 11/7/72		Calculated 24-	Oil - Bbl.	Gas — I	MCF W	ner Bbl.	Oil Gravey - API (Co.
11/7/72	Casing Pressure	Hour Rate	· [				
11/7/72 low Tubing Press. 1298# 4. Disposition of Gas	Pkr (Sold, used for fuel	, vented, etc.)	t test: CA	OF 11.332	2	Tost Witne	T. Hase
1298# 4. Disposition of Gaz To be sold	Pkr   (Sold, used for fuel   Last	vented, etc.) rate 4-poin		<del></del>			
11/7/72 low Tubing Press. 1298# 4. Disposition of Gaz To be sold 5. List of Attachment 1 copy elect	Pkr (Sold, used for fuel * Last 1 tric logs, 2	vented, etc.) rate 4-poin copies dev	iation sur	vey.		Roy	T. Hase
11/7/72 low Tubing Press. 1298#  1. Disposition of Gas To be sold  5. List of Attachment 1 copy elect  6. I hereby certify th	Pkr (Sold, used for fuel * Last 1 tric logs, 2	vented, etc.) rate 4-poin copies dev	iation sur	vey.	te so the best of	Roy	belief. 12/1/72

PHONE NO. : 505 7469467

#### INSTRUCTIONS

This farm is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each sone. The form is to be filled in quintuplicate except on state 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. Ojo Alamo T. Penn. "B" T. Kirtland-Fruitland T. Penn. "C" T. Penn. "C" T. Penn. "C" T. Penn. "D" T. Penn. T. Anhy\_ \_\_ T. Canyon \_\_ T. Balt \_\_\_\_ T. Strawn \_\_ \_\_\_T. Atoka \_\_\_ B. Salt. T. Yates. \_\_\_\_\_ T. Miss\_ T. Cliff House \_\_\_ T. Leadville\_ T. 7 Rivers \_\_ T. Devonian \_ T. Menefee \_\_\_ T. Madison \_ T. Elbert T. Point Lookeut T. Cucen\_ T, Silurian \_ 980 T. Montoya T. Grayburg \_\_\_ T. Mencos T. McCracken T. San Andres T. Ignacio Otzte T. Gallup T. Glorieta.... Base Greenhorn T. Granite ... T. Paddock \_\_ T. Ellenburger \_ T. Dakota \_ \_ T. -3825 T. Granite T. Morrison T. Blinebry Т. . T. Tubb T. Todilto \_\_\_ \_\_\_ T. T. Delaware Send T. Entrada T. Sentrada T. Bone Springs T. Wingste T. Chinle T. Chinle T. Drinkard ... T. Entrada T. T. Abo \_ --- T. -\_\_\_\_т. T. Wolfcamp\_\_\_\_ \_ T. Chinle \_\_\_ T. Chester 9130 T. Permien 7760 T. Penn \_\_\_ - T. -\_\_ T. Penn. "A"-\_\_ T Cisco (Bough C)\_\_\_ \_ T. -\_ т. \_

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

From	To	Thickness in Feet	Formation.	From	To	Thickness Formation in Peet
0	980	980	Sand & Shale			DST #1 8876-9191 Gas to surface is
980	2280	1300	Dolowite with Shale Streak			minutes; flow at rate 2900 MCFPD
2280	2500	220	Sand & Dolomite	1		min on 1/2" choke 500#; 10 mins 1.
2500	2750	250	Dolomite			choke 1600 MCFPD 1200#; 15 mins 3.
2750	3825	1075	Dolomite & Shale	1		choke 1100 MCFPD 1500#; 20 mins 3
3825	4200	375	Sand with Dolomite Streaks	•		choke 1250 MCFPD 1800#; 25 mins 1
4200	4475	275	Dolomite	<b>}</b>		choke 1400 MCFPD 2000#; 30 mins 1
4475	4650	,	Red & Green Shale	}		choke 1500 MCFPD 2100#. Rec 20' d
4650	5100	450	Dolomite with slight			160' gas cut mud. THP 4308, FHP 4
	Ì		Porosity, No Show			IFP 1716, FFP 2831, ISIP 3167, FS
5100	5500	400	Shale with Dolomite Stream			(90 mins) 3167.
5500	5900.	400	Dolomite	<u> </u>		
5900	6800	900	Lime with Gray & Black	1		
		) 	Shale Streaks	]		
6800	7750	950	Shale with few Tite Sand ?	pnes	{	
7750	8600	850	Lime & Shale	1	<u> </u>	
8600	8900	300	Lime, Shale & Tite Sand			
8900	9000	100	Sand with few Shale Stream		1	
9000	9130	130	Shale			
9130	9185	• 55	Lime	H	1	
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 21 1997 12:28F

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SANTA FE	(	
FILE		100
Ų.8.G.5.	ميتعل	
LAND OFFICE		<u> </u>

<u></u>	NEW MEXICO OIL CONSERVATION COMMISSION COMPLETION OR RECOMPLETION REPORT AND LO	)G
LLL	COMPLETION OF RECOMM CE HOW	

	Form C-105 Revised 1-1-65	
1	5a. Indicate Type of	Legse
	Ŝtato 🔲	Fee
	5. State Oil & Can L	ease No.

RECEIVED

AEE'S.

	Same Fa	No. Wain
70·7 F	Santa Pe, REQUEST FOR (OIL	e, New Mexico  L) - (GAS) ALLOWARLE  SEP 12 New
This form shall be submitted the will be assigned effective month of completion or recont the stock tanks. Gas must we are the tanks are the stock tanks.	tied by the operator before an indin QUADRUPLICATE to the 7:00 A.M. on date of complet ompletion. The completion date be reported on 15.025 psia at 6 ESTING AN ALLOWABLE F	initial allowable will be assigned to any completed Oil or Che same District Office to which Form C-101 was sent. The tion or recompletion, provided this form is filed during a te shall be that date in the case of an oil well when oil is do 60° Fahrenheit.  Kermit, Texas Sept. 7,  (Place)  FOR A WELL KNOWN AS:
(Company or Operator)	o. D. E. Fanr	nning , Well No. 1 , in NW 1/4
(Unit)		26E NMPM., Undesignated ack
Please indicate locatio		d. 8-17-56 , Date Completed 9-6-56
Trease marche locate	<del></del> _	5 G
		5 G Total Depth 1797 , P.B 178
		1654 Name of Prod Form San Andre
		1654 <b>–</b> 1672
2310		hoe of Prod. String
5779	Natural Prod. Test.	Swabbed dry
	based on	bbls. Oil inHrs
G-11 G4P		shot Sand frac w/10,000 gals. 79
Casing and Comenting Re Size Feet S:	Based on 4	46.2 bbls. Oil in 14 Hrs
8 5/8 1225 70		1
5 1/2 1797 35	Size choke in inche	nes 13/64
		o tanks or gas to Transmission system: 9-5-56
	Transporter taking	GOil or Gas: McWood Corp.
Remarks: Gra	wity 37.8° at 60° F	GOR 584:1
I hereby certify that the	information given above is tru	rue and complete to the best of my knowledge.
		Magnolia Fetroleum Company
OIL CONSERVAT	ION COMMISSION	By: E. L. Kinterbauer  (Signature)
3v:		Title Petroleum Engineer
•		Send Communications regarding well to:
		Namev. M. Leonard
		Address. Box 727, Kermit, Texas
		DOTION AND STIMULATION
(R	ecord the Process used, No. of Qu	ts. or Gals. used, interval treated or shot.)

,	 **************************************	
***************************************	 •••••••••••••••••••••••••••••••••••••••	****/**********************************

Depth Cleaned Out.....

THE PARTY OF THE P	FILE U.S.G.S.	AUTHORIZATION TO T	AND RANSPORT O	IL AND NATURA	
	JRANSPORTER ON.				RECEIVE
1.	OPERATOR / PROPATION OFFICE Operator	7			OCT 24 1978
;	Gulf Oil Corporation	n	· · · · · · · · · · · · · · · · · · ·		O. C. C.
- }	Box 670, Hobbs, N.M. Reason(s) for tiling (Check proper b		LOTP	er (Please explain)	
	New Well  Recompletion  Change in Ownership	Change in Trunsporter of:  CII Dry C  Casinghead Gas Cond	Cl Gas [ fo		number designa 6 , Well #1 78
	Change of ownership give name and address of previous owner				
	DESCRIPTION OF WELL AND				
	Atoka San Andres Uni	t 113 Atoka San Ar		Kind of Le Sinte, Fed	eral or Fee Fee
]	Unit Letter J : 1	545.5 Feet From The South	ine and 2310	Feet Fro	East
	Line of Section 11 7	ownship 18-S Range	26-E	, NNPM,	Eddy
m. p	ESIGNATION OF TRANSPO Name of Authorized Transporter of C	RTER OF OIL AND NATURAL G	AS Address (Give	address to which ap	proved copy of this form
j,	Injection Well - (	Closed In or Dry Gas, 7,	Address (Give	address to which and	proved copy of this form
			<u> </u>	·	
	f well produces oil or liquids, live location of tanks.	Unit Sec. Twp. P.ge.	is gas actually	y connected?	When
	this production is commingled w	with that from any other lease or pool,	, give comming!	ing order number:	
	Designate Type of Complet	ion - (X)   Gas Well   Gas Well	New Well W	forkover Deepen	Plug Back Same I
C	Oate Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.
Ē	lovations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Otl/Gas F	ay	Tubing Depth
P	erforations				Depth Casing Shoe
	1	TUBING, CASING, AN	D CEMENTING	RECORD	
-	HOLE SIZE	CASING & TUBING SIZE	DI	EPTH SET	SACKSC
-			<del> </del>		
	EST DATA AND REQUEST F		ifier recovery of tep: hor be for full		il and must be equal so e
	IL WELL  coo First New Oil Hun To Tonks	Date of Test	·	nai (Fisw, pump, gas	lift, etc.)
L	ength of Tent	Tubing Pressure	Casing Preseu	:•	Choke Size
A.	ctual Fred, During Test	Oil-Bbls.	Water - Dois.		Gas-MCF
<i>ا</i> ـــ.	AS BELL			-	
	atual Fron Taxt-MCF/O	Length of Test	Bhis. Contonu	oto/N/MCF	Gravity of Condense
77	eating Seviel (puot, back fr.)	Tubing Pronoute (Shut-in)	Cosing Precaus	o(shut-in)	Choke Size
ـــا I. CE	RTIFICATE OF COMPLIAN	CE		OCT 3 (	ATION COMMISSI
Co	unication tower been consisted t	regulations of the Oil Conservation with and that the information given	APPROVE	1.10	1 and the
<b>⊕</b> \$100	ive in true and complete to the	thest of my knowledge and belief.	BY	SUPERVISOR, I	DISTRICT II
	a li		}}		
	11 P. Sikes	ga.	1/ 1/ 1/ 1	a a service of for all	s compliance with NU owable for a newly dri pented by a tabutation
	(Sign)	Self (2)	well, this for toxen	rn must be accompon the west in wes	ordence with null 1

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Area Engineer

10-16-78

(Title)

(Date)

If this is a request for allowable for a newly drivell, this form must be accompanied by a tabulation tests taken on the well in accordance with RULE 1 All sections of this form must be filled out cam-able on new and recompleted wells. Fift out only Sections I, II, III, and VI for chepil name or number, or transporter, or other such che

Separate Forms C-104 must be filed for each normitted wells.

••••••	
P. O. BOX 2088  SANTA FE, NEW MEXICO 87501	Revised 1924.
U.S O.S.  CAND OFFICE	State Fee 7
MAR 2 9 1982	S. State OIL MADERS THEA.
SUNDRY NOTICES AND REPORTS ON WELLS OF D.	
of the state of th	Atoka San Andres Un
Gulf Oil Corporation	8. Farm of Lease Hame
3. Address of Operator	9. Well No.
P. O. Box 670, Hobbs, NM 88240	113 10. Field and Pool, or Wildcat
UNIT LETTER J	Atoka San Andres
THE East LINE, SECTION 11 TOWNSHIP 188 RANGE 26E NAME	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
Check Appropriate Box To Indicate Nature of Notice, Report or C	Eddy ///////////////////////////////////
	NT REPORT OF:
PERFORM REMEDIAL WORK	ALTERING CASING
TEMPORABILY ABANDON COMMENCE DRILLING DPNS.  PULL OR ALTER CASING CASING CASING TEST AND CEMENT JOB	PLUE AND ABANDONMENT
OTHER TA	
OTHER	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1103.	ng estimated date of starting any propo
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
eleaco R. L. Fitte rive Area Engineer	
CONDITIONS OF APPROVAL, IF ANY	APR 1 198
and the second of the second of the control of the second	DATE CHI W
Testing Notice (puot, back pr.) Tubing Procesure (Shut-in)   Cosing Procesure (Shut-i	DATE TO THE PARTY OF THE PARTY
VI. CERTIFICATE OF COMPLIANCE	DAYE
VI. CERTIFICATE OF COMPLIANCE  Liberally Certify that the rules and regulations of the Oil Conservation (APPROVED)	ONSERVATION COMMIS

LEGAL-REGULA I UKY.

folled crude and 15,000 pounds of send.

2,1650

#### MEM MEXICO OFF COMPERAVISON COMMISSION

Santa Fe, New Mexico

30 1 C

#### WELL RECORD

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

ell No Ur			exas			14	A Talmana	J.
Ur	1	(Company or Ope	rator)			(Lease	•)	
()   11 is								
1 is	ndecigno	tod	******************************	Pool,	<u>, t</u>	(देवें)	***************************************	Cc
	2310		lest	line and	1550	feet fr	om ეე	uth
ection	11	If S	tate Land the Oil	and Gas Lease No. is		<b>-</b>	*************	••••••
				., 19.56 Drilling				
e of Dril	ling Contrac	tor	aters Dri	Ling Company			4**************	
ress			Artenia, 3	ow haden		*********************		•••••••
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			•		are a			
. ,	1:29			OIL SANDS OR ZO:		590	<b>1</b> 70	7
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			1	CASING RECOR	D			
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2//	41.	.,628						Ash Server
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9/3 1/2			MUDDIN	G AND CEMENTIN	NG RECORD			
ize or	SIZE OF CABING	WHERE				MUD	AM	OUNT OF D USED
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IZE OF HOLE	SIZE OF CASING	WHERE SET	MUDDING NO. SACES OF CEMENT 7(c)	G AND CEMENTING WETHOD USED	w 9.2 ]	CS./COL.	AMU Mole Ol	OUNT OF D USED

10-26-56

Separate Forms C-104 must be filed for va

10-16-78

(bate)

## Submit 3 Copies L. Appropriate District Office

(This space for State Use)

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

Form C-103 Revised 1-1-8

- DATE -

District Office		•	Western T.T.42
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION P.O. Box 200		WELL API NO. 3001500306
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico		5. Indicate Type of Lease
DISTRICT III			STATE FEE X
1000 Rio Brazos Rd., Aziec, NM 87410		·	6. State Oil & Gas Lease No.
	CES AND REPORTS ON WEI		
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESER	PPOSALS TO DRILL OR TO DEEPEN IVOIR. USE "APPLICATION FOR PE		7. Lease Name or Unit Agreement Name
(FORM C-	101) FOR SUCH PROPOSALS.)		Atoka San Andres Unit
OL GAS WELL X WELL	OTHER		
2. Name of Operator			8. Well No.
Chevron U.S.A., I  3. Address of Operator	nc. (In transition	to Pennzoil)	#114 9. Pool name or Wildcat
P.O. Box 148 And	lrews, Texas 79714		Atoka San Andres
4. Well Location	Feet From The South	Line and 2310	Noct
Unit Letter 1 : 1000	Feet From the	Line and 2310	Feet From The West Line
Section 11	Township 18S Ra		MPM Eddy County
	3326 DF	Dr. Kab, Ki, Ok, Bil.	
11. Check A	Appropriate Box to Indicate I	Nature of Notice, Re	port, or Other Data
NOTICE OF INT	ENTION TO:	SUBS	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	OPNS. DPLUG AND ABANDONMENT
PULL OR ALTER CASING	-	CASING TEST AND CE	MENT JOB .
OTHER: Request for conti	nued TA status X	OTHER:	
			in a mineral data of station and an and
<ol> <li>Describe Proposed or Completed Operational SEE RULE 1103.</li> </ol>	.00s (Clearly state all pertinent aetalis, an	ia give perimeni aaizi, inciua	ing estimated date of starting any proposed
We request continue	d temporary abandon	ment status fo	r subject well due to:
(1) New operator	to study possible	future use of	wellbore.
	rity is intact as s		
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			· · · · · · · · · · · · · · · · · · ·
			~
		N. F.	·
I hereby certify that the information above is true	and complete to the best of my knowledge and	Prod. Forema	in 12-9-92
SIGNATURE AMAZINETOS	m		DATE 915
TYPEOR PRINT NAME A.W. Fiel	.ds		TELEPHONE NO. 523-2083

\_ TITLE -

Separate Forms C-104 must be filled for each

(linte)

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120-6

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	U.S.G.S. LAND OFFICE	- - - - - - - - - - - - - - - - - - -	REQUES	OSSA	LOWANLE TOIL AND N	ATURAL G	5 2 3 30	Section 1
	THANSPORTER OIL GAS	-			•		CEI	/ED
I.	PRODUCTION OFFICE						CT 24	1978
	Gulf Oil Corporation						- D. C. J	G.
	Box 670, Hobbs, N.M.					•	RTESIA, O	FFICE
	Reason(s) for filing (Check proper box New We!!  Recompletion  Change in Ownership	Change in Tru Cil Casinghead G	Dry G	ensate	formerly	explain) n well nu Tr. 3 , e 9-1-78	umber de , Well #	esignation
	If change of ownership give name and address of previous owner							
H.	DESCRIPTION OF WELL AND		l Name, Including F	Formation	1	Kind of Lease		,
	Atoka San Andres Unit	103 A	toka San An	dres		State, Federal	er Fee F	ee
	} -	O Feet From Th	North Li	ne and	990	_Fect From T	he We	est
	Line of Section 11 Tov	waship 18-S	Range	26-E	, ММРМ,	Ed	ldy	
III.	DESIGNATION OF TRANSPORT			45	· · · · · · · · · · · · · · · · · · ·			
	Navajo Refining Compar		Division	1	Give address to Freeman A			-
	Name of Authorized Transporter of Case Phillips Petroleum Cor		or Dry Gas	Address	Cire address to Penbrook,	which approve	ed copy of th	is form is to
	Il well produces oil or liquids,	Unit Sec.	Twp. P.ge.	ls gas ac	tually connected		`	· · · · · · · · · · · · · · · · · · ·
	give location of tanks.  If this production is commingled wit		18S 26E	1	es lingling order	number:	11-25-	-59
IV.	COMPLETION DATA	Cil We		New Well	Workever	Deepen	Plug Back	Same Resty
	Designate Type of Completio	Dute Compl. Ready	to Presi.	Total Dep	oth .		P.B.T.D.	<u> </u>
				Top O:1/0			Tubing Dep	
•	Elevations (DF, RKB, RT, GR, etc.;	Name of Producting	romation	100 0.170	as tel			
	Perforations						Depth Cast	ng Shoe
	HOLE'SIZE	<del></del>	NG, CASING, AND	CEMENT	ING RECORD		S	ACKS CEME
				<del>                                     </del>				
v	TEST DATA AND REQUEST FO	L DR ALLOWABLE	(Test must be a	fer recover	y of tetal volum	e of tood oil a	nd must be e	iqual to or ex
•	OIL WELL Date First New Oil Run To Tanks	Date of Test	able for this de	epth or be fo	r full 24 hours) Mothad (Flow,			·
	Length of Test	Tubing Pressure		Casing Pr	esome		Choke Size	
		Oil-Bbis.		Weter - Pb	!a.		Gas-MCF	
	Actual Fred, During Test	011-112.8.						
	GAS WELL							
	Actual Prop. Cost-MCF/D	Length of Test		Bbls. Con	denusta/MMCF		Gravity of	Condensate
}	Testing kivil of (pitot, back pr.)	Tubing Pronoute ( &	hut-in)	Caeing Fr	essure (Shut-	ln)	Choke Size	,
₹¥.	CURTIFICATE OF COMPLIANC	E.		.5.13.50		ONSERVA"		MMISSION
	I hereby certify that the rules and re Commission lisve been complied w	ith and that the li	aformation given	APPRO	W.a.	Lie.	sset	
•	above is true and complete to the	heat of my knowl	edge and better.	TITLE	SUPE	RVISOR, DIS	TRICT II	
_	M. P. Siles	₹1. mles		. Thi	is form is to b his to a requally form must b ken on the w	ne filed in co	mpliance to blo for a need by a te	with AULE solitiby flue, bulstion of
•	Area Engineer	· •)		A 16	to an inc mexical to the second secon	ils form must	to filled	out complet
	10-16-78			Fil pad ling Sep	l out only Second or or number.	ctions I, II, or transports	III, and V corother p	Such Change
			ļ		ed wells.			

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1.	APPLICATION FO	JR PERMIT - " (FORM C	101) FOR SUC	H PROPOSALS.)		7. Unit Agreem	ent Name
OIL GAS WELL WELL							on mane
2. Name of Operator		THER.	<del></del>		· · · · · · · · · · · · · · · · · · ·	8. Farm or Lea	se Name
Standard Oil Com	many of To	res. A Divis	ion of C	alifornia	Oil Company	1	l. Stroup
3. Address of Operator	<b>7 7</b>					9. Well No.	ii Buluuy
	Carolina	Marrag				5, 5, 5	TOADT K3
JOLO AVERNA 8 -	Snyder,	76900			<del></del>	10 Field and	TRACT #3
90	9210	<b>.</b>	<b>w</b>		990	1	•
UNIT LETTER		FEET FROM THE		LINE AND	FEET F	ROM ATOKA	an Andres)
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		15. Elevation (	Show whether	DF, RT, GR, etc	e. <i>)</i>	12. County	(((((((((((((((((((((((((((((((((((((((
	71111111	777	3330 D	<b>r</b>		Rady	<u> </u>
16.	Check Appr	opriate Box To				Other Data	
NOTI	CE OF INTER	-		{		ENT REPORT O	F:
				ļ			•
PERFORM REMEDIAL WORK	7	PLUG AND	ABANDON	REMEDIAL WOR		Att	ERING CASING
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	_J	CHANGE FE	لبا د٠٠٠	P .		ry well hist	) <b>*</b> Y
OTHER				VINER	- CONTRACTOR SERVICES	-4	
VINER		- <del></del>					
17. Describe Proposed or Co	ompleted Operation	ons (Clearly state all	pertinent det	ails, and give pe	ertinent dates, inclu	ding estimated date	of starting any proposed
Spudded well 5: in 4-3/4" hole : recovered 70' o 2900'-1900'. A A.M. 2-27-65. : original perfs	2460' to t il and 485 Fter WOC 6 Man produc	otal depth of salt water, hours, taggetion tubing,	? 2900° v . Ran lo ed top of	rith air. ogs at tot ! cement a	Conducted I al depth 290 t 1992'. Re	MAR 6	cement plug y rig 6:00 on through
18. I hereby certify that the SIGNED RIGHT	V R.S.V	Page 15 true and complete		ad Drillin	and belief.  g Engineer	DATE	AR 8 1964
CONDITIONS OF APPROV	AL, IF ANY;	Y		•			
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						Horard enven	~
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## NOTICE OF INTENTION TO ESSENTE

Jua. seron

coor must be given so the District Office of the Oil Conservation Commission and approval obtained before drilling or recomple this notice showing such changes will be returned to the sent this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Research the Commission.

If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of form C-

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			(Place)			(Date)	
	SERVATI E, NEW 1		MISSION			/	
ticmen:	•				<b>W</b>	/	
		notified th	hat it is our	r intention to commence th	Deepening he Demiks of a well to be	known	
andar	d Oil (	Company	of Texa	s, a Division of (	california Oil Com	bernA.	****
	d F. Si			(Compan)	or Operator) Well No. 3		E _
	••••••••	••••••	(Lease)			•	(Unit)
				North	33 30 a	line and	90feet
	West	******************		line of Section.	II , T LOB	, R. ≥0 ¥	, NMPM.
VE LO	CATION	FROM S	ECTION L		Pool,		
					and Gas Lease is No		
D	c	В	A		wner is Howard		
<u> </u>		ь	· ·		Artesia, New Me:		
S)				We propose to drill we 2480 to	ell with drilling equipment a		
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990ro				The status of plugging	S DOILG IS	***************************************	***************************************
L ;	ĸ	J	1	Drilling Contractor	Technical Dril	ling Service	***************************************
					***************************************		
				***********	***************************************		
3/ 1	N	0 ;	P	We intend to complet	te this well in the Pad	doek	***************************************
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M		<u> </u>		formation at an appro	oximate depth of300	0	
	1			CASING	PROGRAM	0	
We pr		<del></del>		CASING gs of Casing and to cement	PROGRAM them as indicated:		1 _
We pro	of Hole	8	ize of Casing	CASING gs of Casing and to cement Weight per Foot	PROGRAM them as indicated:  New or Second Hand	Depth	
We proste of the state of the s	of Hole	8	lize of Casing	CASING gs of Casing and to cement Weight per Foot	PROGRAM them as indicated:  New or Second Hand  New	Depth 12541	
We proste to the state of the s	of Hole	8	120 of Casing 3-5/8 <sup>m</sup> 3-1/2 <sup>n</sup>	CASING gs of Casing and to cement Weight per Foot 24#	PROGRAM them as indicated:  New or Second Hand  New  New	Depth 1254° 2480°	500 sack
We prosted to the state of the	of Hole	8	lize of Casing	CASING gs of Casing and to cement Weight per Foot 24#	PROGRAM them as indicated:  New or Second Hand  New	Depth 12541	500 sack
We pro-  Size of 11 <sup>H</sup> 7- 4-	of Hole -7/8# -3/4"	8 5		CASING gs of Casing and to cement  Weight per Foot  21#  14#  iner 9.2#	PROGRAM them as indicated:  New or Second Hand  New  New  New  New	Depth 1254° 2480°	500 sack
We pro- 8120 6 11 11 7 - 4 - If cha	7/8" 3/4"	8 8 5 3 ane above p	1-5/8" 1-1/2" 1-1/2" 11	CASING gs of Casing and to cement  Weight per Foot  24#  14#  Liner 9.2#  c advisable we will notify y	PROGRAM them as indicated:  New or Second Hand  New  New  New  New  New	Depth 12541 24801 30001	500 sack Circulat of Liner
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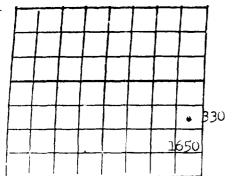
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# MEXICO OIL CONSERVATION COMMISSION MASCELLANEOUS REPORTS ON WELLS District Office as per Commission Rule 1

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		TRACT \$4	ell No. U	Jnit Letter	17		8outh	Range Bass	t
ate Work Pe		Atoka (Grayb	irg-Ban A	ndres)		Counteddy			
		<del></del>	REPORT O	F: (Check	appropria	ite block)			
	ng Drilling Opera		ing Test and edial Work	Cement Joi	b (	Other (	Explain):		
Plugging		, nature and quantity of		ed, and re	sults obta	ined.			
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	0, 21, 1251	FILL IN BEL							
F Elev.	T	D	PBTD	AL WELL	DATA	Producing	g Interval	Completio	n Date
333 Tubing Diame		1721 Tubing Depth	171		ing Diame	Producing 1652		Completio	731,
	erval(s)	1678'		on su	54		Oir st	1720	•
pen Hole Int	1652-1656 erval Hone				ing Forms				· ·
			RESULTS		T		Т		
Test	Date of Test	Oil Production BPD		duction FPD		Production PD	GO1 Cubic fee		CFPD
Before Workover	July 19, 1	963 8				1			
After Workover	Sept. Sh, 1	963 25				25			
	OIL CONSER	YATION COMMISSION				y that the i my knowled		ven above is tru	e and co
Approved by		strong		Name		1991	Looning	G. G. Ko	enig
Title	oil 200 848 /	ASPECTOR		Posit	Losd	Roginser	•		
Date	SEP :	2 7 1963		Comp	<sub>any</sub> St Divisi	on of G	dil Gompa Lifornia	Oil Compar	<b>v</b>
* ***88***8 *	memou useu		······································						TA
Plugging a	approved by:			Г				d as follows:	
<b></b>		Basin Sup	ervisor	No.	From	th of Plug	N	o. of Sacks Use	ed
	FOR USE OF S	TATE ENGINEER OF	ED						
Date R	eceived	SEP 15	1958						
		1				1	- 1		
		GROUND WATER			<u></u>				

NO. OF COPIES RECEIVED			B . 0
DISTRIBUTION	<del>'                                     </del>	12111	Form C-103 Supersedes Old
SANTA FE	N.	EV ME ICO OIL CONSERVATION COMMISSION	C-102 and C-103
FILE	<del></del>	ELEMENTED OIL CONSERVATION COMMISSION	Effective 1-1-65
U.S.G.S.			5a. Indicate Type of Lease
LAND OFFICE			State Fee X
OPERATOR			5. State Oil & Gas Lease No.
	<del></del>		
	SUNDRY NOTICES	AND REPORTS ON WELLS	
	FORM FOR PROPOSALS TO DRILL USE "APPLICATION FOR PERMIT	AND REPORTS ON WELLS  LL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  -" (FORM C-101) FOR SUCH PROPOSALS.)	
	GAS T		7. Unit Agreement Name
Name of Operator	WELL OTHER-		Atoka San Andres Unit
•	Omn saw		Tract 4
Kewanee 011 C	омрапу		9. Well No.
P. O. Box 378	6, Odessa, Texas	79760	2
. Location of Well	<del></del>		10. Field and Pool, or Wildcat
UNIT LETTER L	1650	T FROM THE South LINE AND 990	Atoka San Andres
VAII 22.12K	,,	LINE AND	
THE WOST	LINE, SECTION	TOWNSHIP 18S RANGE 26E	NMPM.
mmm		Elevation (Show whether DF, RT, GR, etc.)	12. County
		3332 bf	
e.			Eddy
		Box To Indicate Nature of Notice, Repor	
NO	TICE OF INTENTION	TO: SUBSE	EQUENT REPORT OF:
Braran - Brasslan was			
PERFORM REMEDIAL WORK	· H	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING		CHANGE PLANS CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
TOLE OR ALTER CASING	<b>L</b>	OTHER CONVERTING	to Water Injection Well X
OTHER			
work) SEE RULE II		irly state all pertinent details, and give pertinent dates,	the taking commerce date of stateing any proposed
followed by 2 couted interm 1364.24 DF. at 0 pai.	250 gallons 15% remaily with plastic	ed out to 1715' DF. Dumped 500 g gular acid. Ran 5-1/2" tension p . Loaded annulus with inhibited jaction 2-4-70. Well accepting 2	acker on 2-3/8" tubing water and set packer at
08303			
18. I hereby certify that	the information above is true	and complete to the best of my knowledge and belief.	
1 -			
SIGNED	Struckans	Division Superintend	lent 2-12-70
1-1	D I Ctamet	Oil & Gas Inspector	2-17-70
APPROVED BY /S/	R. L. Stamet	TITLE OIL & GAS INSPECTOR	DATE
CONDITIONS OF APPR	OVAL, IF ANY:		

4



# 2 DIEXIS DIL CONSERVATION COMMISSION Senta Fe, New Mexico

#### WELL RECORD

11-19-56

Mail 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 Control of the Commission.

LOCA	AREA 640 ACI	res Rrectly						**	
STANDARD	OIL COM	PANY OF TH		TRACT	# 2	2/	Ralph I	Roger	s, etal
Well No. 2				V of Sec	10	T	18-S	10	26E N
				-		•		-	
				-					outh
									••••••••
Drilling Con	nmenced Oc	tober 28	***************************************	, 19. <u>56</u> Dri	lling was	Completed	November	11	, 19.
									••••
AddressP	• 0. Box	144, Arte	esia, New Me	xico		••••••••	********	•••••	•••••••••••••••••••••••••••••••
				801		The in	formation given	is to be	kept confidential
			, 19						
				OIL SANDS OI	ZONE				
No. 1, from.	1518		1531	N	o. 4, froz	169	3	to	1706
No. 2, from.	1591		<b>1</b> 604	No	o. 5, fror	n	***************************************	to	***************************************
No. 3, from.	1654		<u>1682</u>	No	o. 6, fron	n	***************************************	to	***************************************
Include data	on rate of w	ater inflow and	i elevation to whi	ORTANT WAT		N DIS			
			to1				feet		
•			to						
No. 3, from.	• • • • • • • • • • • • • • • • • • • •	***************************************	to				feet		••••
No. 4, from.		······································	to				feet		
				0.4.CV31.0. TV	CORR				`\ •~.
	WEIGH	T NEW	O.R.	CASING BE		OUT AND	<del></del>	<del>-</del>	
SIZE	PER FO	OT USE	D AMOUN	T SHOE	PUI	LLED FROM	PERFORATIO	NS	PURPOSE
8 5/8 5 1/2	214 & 2 114	New New	1192 1713	Larkin Larkin		None None	None 1668-1651		Surface string
<u> </u>	324	IVCW		uarkiii.	LOat	MOHE	T000-102T		OIT SCLINE
			MUDDI	NG AND CEME	NTING	RECORD			
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BACKS OF CEMENT	METR	op D		MUD BRAVITY	<del></del>	AMOUNT OF MUD USED
11	8 5/8	120/1	1,50		plug		o per gal	עהו	e full
7 7/8	5 1/2	1723	250	Pump and		1	per gal		e full
	<u> </u>		<u> </u>	<del></del>					
	<u></u>		DECODD O	B BRONDOMO	N AND	GWDWW A	TION		
				F PRODUCTIO					
		•	the Process used,	_					
									d-and-fractu
ntn 10,0	OO gallo	ns of gell	ed crude ar	nd 15,000 p	ounds.	of sand	<b></b>		
•	•••••••	·····	•••••••••••••••••••••••••••••••	***************************************				••••••	•••••••••••
•••••	••••••		••••••	***************************************			***************************************		
Result of Pr	oduction Stim	ulation Flow	101 barrel:	s oil in 21	hour	s on Ily	64 choke,	TP. 23	30psi.,CP35
	•••••	***************************************		*******************				••••••	
•		•	•				Denth Cleans	-d O4	1718

₹10-16**-**78

(Date)

## REQUEST FOR ALLOWABLE



Fill out only Soctions I. H. III. and VI for chang well name or number, or transporter, or other such change. Separate Forms C-104 must be filed for each postal medical wells.

	U.S.G.S. LAND OFFICE	TO T HOLLYZINGHINY	RAHSPORT OIL AND NATURAL (	as .
I.	OPELATOR AND			RECEIV
-	Gulf Oil Corporation	1		OCT 24 197
	Box 670, Hobbs, N.M.			D. C. C.
	Reason(s) for filing (Check proper bo	1)	Other (Please emplain)	ARTESIA, OFFIC
	New Well Recompletion Change in Ownership	Change in Transporter of:  Cil Dry C  Casinghead Gas Conde	Change in well r formerly Tr. 2 effective 9-1-78	, Well # 2
	If change of ownership give name and address of previous owner.			
11.	DESCRIPTION OF WELL AND			•
	Atoka San Andres Unit	116 Atoka San An		
		50 Feet From The South Li	ne and 330 Feet From	The East
	Line of Section 10 To	waship 18-S Range	26-E , NMPM, E	ddy
III.	Name of Authorized Transporter of Of Navajo Refining Compa Name of Authorized Transporter of Ca	ny, Pipeline Division	Address (Give address to which appropriate North Freeman Avenue, Address (Give address to which appro	ertesia, N.M. 8
	Phillips Petroleum Co	mpany Unit Sec. Twp. Pige.	4001 Penbrook, Odessa,	
	give location of tanks.	I 10 18S 26E	Yes	11-25-59
	If this production is commingled wi COMPLETION DATA	th that from any other lease or pool,		
	Designate Type of Completion	on - (X) Gas Well	New Well Workover Deepen	Plug Back   Same Re
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
	Perlorations	.l	······································	Depth Casing Snoe
		7	CEMENTING RECORD	
	HOLE'SIZE	CASING & TUBING SIZE	DEPTH'SET	SACKS CE
			· · · · · · · · · · · · · · · · · · ·	
	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a che for the de	feer recovery of total volume of load ail op:  p:\for be for full 24 hours)	and must be equal to or c
Ī	OII, WFI L. Date First New Oil Hun To Tanks	Date of Teat	Producing Mothad (Firm, pump, gas lif	i, eic.)
	Langth of Test	Tubing Pressure	Cosing Pressure	Choke Size
	Actual Fred, During Test	O11-3b;n.	Water - Shin,	Gas-MOF
3 '			d	·
5 [	GAS WELL	Length of Test	Bale. Condenuate/Audica	Gravity of Condensate
-	Tenting Method (pirot, back pr.)	Tubicy Pressure (Chut-in)	Contra Pincouro (Shut-in)	Choke Size
VJ. (	CERTICICATE OF COMPLIANC	Œ	OCT 3 O	TION COMMISSION 1978
Ċ	hereby critify that the rules and re- loamination have been complied w bave to true and complete to the	ith and that the information given	BY SUPERVISOR, DIS	ressett
	11 11		TITLE SUPERVISOR, DIS-	
	11 3 Siles	<u> </u>	If this is a request for allow	abto for a newly drille ded by a tabulation of
-	Area Engineer		touts taken on the well in accord	lence with MULK 111 It be fitted out compte
٠٠٠	(Pid		able on new and recompleted we	lis.

D'STRIBUTION					(1)		ye .			C1 11	
	ا د	1	) <b>/</b> •		40		<b>₹</b> ••••			C-105	
NTAEF		l a			<u> </u>		•			sed 1-1-6	
	/		NEW MEX	ICO OIL-CO	NSERVATIO	N COM	MOISSIN		59. Indic		<del></del>
LE		NELL CO	OMPLETH	ON OR REC	COMPLETIC	N REF	PORT AND	LOG	i·	_	E Legae No.
3.G.S.	2					_	_ = ! \/	, F C	h .	V.II G V-	
ND OFFICE	<del></del>				ţ.	₹ <b>Ξ</b> [	SEIV		mn	m	mmm
A WATER LAND						•					
TYPE OF WELL						31	(G 2 2 1.	74-	7. Unit	Agreemen	it Name
	OIL	. 🗀	GAS	<b></b> Г	٦		,				
TYPE OF COMPLETE	ON WE	السحيا ا	well	DRYL	DTHER.		a. c. t	<u>.</u>	1	or Lease	
WELL WORK	0	<u> </u>	BACK	DIFF. RESVA.	OTHER	AR*	TESIA. OF	FICE	1		"10" Comm.
Namesol Operator	•	-							9. Well	Na.	
DAVID FASKEN	<b>t</b>			· · · · · · · · · · · · · · · · · · ·					10 810	d and Po	al, of Wildcat
Address of Operator 608 First Na	tl. Bank	Bldg.	Midler	nd. Tx.	79701				,		Atoka Pen
Location of Well			,						m	inn	mmi
					_						
T GRITCH	LOCATED	1650	FEET FROM	Sou'	th		60 FE	ET FROM			
_					IIIII	TITE	TITIN	IIII	12. Cou	•	MITTE
East Line of se	10 .c.	18-	-S RGE.	26-E	([[[]]		XIIII		V	ldy	
Date Spudded	18. Date T.D.				o Prod.) 18.	Elevan			GR, etc.)		r. Cashinghedd
5-12-74		7-74		8-21-74			3344' K				3291
Total Depth	21. Pi	lug Baok T		22. If Mul Many	tiple Compl., H	low 2	O Drilled B	, Roto Y i	P200	۲	Cable Tools
9200'		913					<u> </u>	<u> </u>	#200	102 5	Vas Directional Si
. Producing Interval(s)	, of this compl	etion - To	p, Bottom, I	idme							dade No
Morrow 88	51' - 892	12'								1	
. Type Electric and Ot	her Logs Run				<u> </u>					27. Was V	Well Cored
Dual Latero	log, FDC-	-CNL-GR	t, and D	ip.Meter	•				İ		No
•			CASIN	G RECORD (	Report all strin	198 801 i	n weli)				
CASING SIZE	WEIGHT LI	B./FT.	DEPTHS		HOLE SIZE		CEMENT				AMOUNT PULL
	-			31	36"		cu. yds.				-0-
13-3/8"	48#		121	_ 1	17-172"		0 sx				-0-
8-5/8"	200 &		180		12-1/4"	35	0 sx	top	cement	6 95	·
4-1/2"	10.5 8	11.0	920	υ,	7-778"	<del></del>	0 sx	rob			
9.		LINER R					30.		TUBING	· · · · · · · · · · · · · · · · · · ·	
SIZE	TOP	80	TTOM I	ACKS CEME	NT SCREE	EN	2 1/8"		8676		PACKER SE
None		-					- 12	+	<u>.,                                    </u>		
1. Perforation Recard (	Interval, size	and number	· · · · · · · · · · · · · · · · · · ·		32.	ACID	, SHOT, FR	ACTUR	E, CEMEN	T SQUE	EZE, ETC.
8851,53,55,5	7 50 61	63 .65 .6	67.69 -	10 Hyper	DEP	THENT	ERVAL	AM	OUNT AN	D KIND	MATERIAL USES
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0.05						
Jet II (0.33			,	•	I	TH INTE		al. 7			low Acid &
Jet II (0.33	S" dia, h	ole)	•		8851-		12,500	gal.	Alcog		ac w/7200#
Jet II (0.33 8908,10,11,1	5" dia. h 12,14,16,	ole) 18,20,2	•		8851-	8869	12,500 UCAR	gal. 7	Alcog	el Fr	ac w/7200#
Jet II (0.33 8908,10,11,1 Jet II (0.33	5" dia. h 12,14,16,	ole) 18,20,2	•	10 Hype	8851- 8851-	8869	12,500 UCAR	gal. 7	Alcog	el Fr	
Jet II (0.33 8908,10,11,1 Jet II (0.33	5" dia. h 12,14,16, 3" dia. h	01e) 18,20,2 01e)	21,22 -	10 Hype:	8851- 8851- RODUCTION	8869 8922	12,500 UCAR P 2000 g	gal. 7	Alcog & CO <sub>2</sub> 1/4 Mos	row F	Iow Acid (
Jet II (0.33 8908,10,11,1 Jet II (0.33	5" dia. h 12,14,16, 3" dia. h	01e) 18,20,2 01e)	21,22 -	10 Hype:	8851- 8851-	8869 8922	12,500 UCAR P 2000 g	gal. 7	Alcog & CO <sub>2</sub> 1/4 Mos	el Fr	Tow Acid & Prod. or Shut-In) nut In
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74	5" dia. h 12,14,16, 3" dia. h	ole) 18,20,2 ole) oduction M Flowi	21,22 -	10 Hype:	8851- RODUCTION Pumping - Size	8869 8922 1 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops	Alcog & CO <sub>2</sub> 1/4 Mos	el Fr	Iow Acid (
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7=22=74	5" dia. h 12,14,16, 5" dia. h	ole) 18,20,2 ole) oduction M Flowi	21,22 -	Prod'n. For Test Period	8851- RODUCTION pumping - Size	8869 8922 1 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops al. 7	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio
Jet II (0.33 8908,10,11,1 Jet II (0.33  13.  Date First Production 7-22-74  Date of Till 74 Flow Tubing Press.	Wours Testes	ole) 18,20,2 ole) oduction of Flowing d Ch	21,22 - ethod (Flow ng oke Size Various	Prod'n. For Test Period	8851- RODUCTION pumping - Size	8869 8922 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Date of Tast 8-21-74 Flow Tubing Press. Various	Hours Jester Casing Pres Packer	ole) 18,20,: ole) oduction M Flowi  c Ch	ethod (Flowing oke 5)ze Various	Proden. For Test Period	8851- RODUCTION pumping - Size	8869 8922 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops al. 7	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Poste of Test 8-21-74 Flow Tubing Press. Various 44. Disposition of Gas	Hours Jester Casing Pres Packer	ole) 18,20,: ole) oduction M Flowi  c Ch	ethod (Flowing oke 5)ze Various	Prod'n. For Test Period	8851- RODUCTION pumping - Size	8869 8922 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops al. 7	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-27-74 Plant Tubing Press. Various Various Various	Hours Jestes Casing Pres Packer (Sold, used for	ole) 18,20,: ole) oduction M Flowi  c Ch	ethod (Flowing oke 5)ze Various	Prod'n. For Test Period	8851- RODUCTION pumping - Size	8869 8922 and typ	12,500 UCAR P 2000 g	al. 7 gal. rops al. 7	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Poste of Tast 74 Flow Tubing Press. Various 4. Disposition of Gas Vented	Hours Jester Casing Pres Packer (Sold, used for	ole) 18,20, ole) oduction M Flowi  Ch caute Co	ethod (Flowing oke Size Various diculated 24-bur Hate	Prod'n. For Test Period C. A. O.	8851- RODUCTION Pumping - Size Oil - Bbi	8869 8922 and typ	UCAR P 2000 g ce pump) Gas - MCF	al. 7 gal. rops al. 7	Alcog	Status (	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Date of Test 8-21-74 Flow Tubing Press. Various 94. Disposition of Gae Vented 35. List of Attachment D.S.T. Summ	Hours Jester  Casing Pres Packer  (Sold, used for	ole) 18,20, ole) oduction M Flowit  Ch Ch Fuel, venue	ethod (Flowing oke 5;2e Various district 24-bur flate sid, etc.)	Prod'n. For Test Period C. A. O.	8851- RODUCTION pumping - Size Out - Bbi	8869 8922 1 and typ	UCAR P 2000 g pump) Gas - MCF MCF/D Wa	al. 7 gal. rops al. 7	Alcog CO2 Well Water - Bt	Status (Shoot Golden Go	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Part 8-21-74 Flow Tubing Press. Various 35. List of Attachments D.S.T. Summ 36. I hereby certify the P.	Hours Jestes  Casing Pres Packer (Sold, used for use the information Michael	oduction with Flowing Charles of Helphania Charles	othod (Flowing oke Size Various diculated 24-bur flate side, etc.)	Prod'n. For Test Period C. A. O.	8851- RODUCTION pumping - Size Oil - Bbi F.P. = 10 ristion Si is true and con	8922  and typ  MCF  ,000	UCAR P 2000 g pump) Gas - MCF MCF/D Wa	al. 7 gal. rops al. 7	Alcog CO2 Well Water - Bt	Status (Shoot). On G	Tow Acid & Prod. or Shut-In) nut In Cas—Oil Ratio Havity — API (Co
Jet II (0.33 8908,10,11,1 Jet II (0.33 3. Date First Production 7-22-74 Date of Tast 8-21-74 Flow Tubing Press. Various 34. Disposition of Gas Vented 35. List of Attachment D.S.T. Summ 36. I hereby certify the P.	Hours Jester  Casing Pres  Packer  (Sold, used for  the informatic	oduction with Flowing Charles of Helphania Charles	othod (Flowing Oke Size Various Hate Size Ctric Lon both side	Prod'n. For Test Period C. A. O.	8851- RODUCTION pumping - Size Oil - Bbi F.P. = 10 ristion Size is true and con Age	8869 8922 1 and typ	UCAR P 2000 g pump) Gas - MCF MCF/D Wa	al. 7 gal. rops al. 7	Alcog CO2 Well Water - Bt	Status / Shoot Gold Gold Gold Gold Gold Gold Gold Gold	Prod. or Shut-In) nut In Cas - Oil Ratio Havity - API (Co

T. Anhy T. Canyon T. Ojo Alamo T. Penn. "B".

T. Penn. "C"

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 21 1997 12:29PM P14

#### INSTRUCTIONS

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

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

i i	Southeaste	ra New Mexico	Northwestern New Mexico
T. T. B. T.	Salt	T. Atoka 8575  T. Miss	T. Ojo Alamo         T. Penn. "B".           T. Kirtland-Fruitland         T. Penn. "C"           T. Pictured Cliffs         T. Penn. "D"           T. Cliff House         T. Leadville           T. Menetee         T. Medison           T. Point Lookout         T. Elbert
,	Crayburg 970	T. Montoys T. Simpson T. McKee	T. Point Lookour  T. McCracken  T. Gallup  T. Ignacio Qtate  T. Granite  T. Dakota  T. Dakota
T. T. T. T. T. T. T.	Drinkard	T. Granite T. Delaware Sand T. Bone Springs T. Morrow Clastics 883 T. Barnatt Shale 8960	T. Morrison T.

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

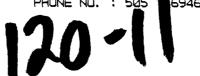
From	To	Thickness in Feet	Formetion .	From	To	Thickness is Feet	Formation
-0-	970	970	Seven Rivers				
970	2320	1350	San Andres				
2320	2825	505	Glorietta				; ,
2825	4487	1662	Tubb				`.
4487	5840	1353	Abo				
5840	7750	1910	Wolfcamp				
7750	8575	805	Penn. Lime				
8575	8830	255	Atoka				
8830	8960	130	Morrow Clastics				
8960	9075	115	Barnett Shale				
9075	9200	125	Mississippi Lime				

		740	10			
<b>∫ ♥</b> :	FILE U.S.C.S.		AND	Supersedes Old		
	LAND OFFICE	NOTHORIZATION TO TE	RANSPORT OIL AND HATURAL	RECEIVED		
	OPEL TOR /			OCT 24 1978		
,	Operation OFFICE			D. C. C.		
	Gulf Oil Corporatio			ARTESIA, OFFICE		
	Reason(s) for hiling (Check proper t		Other (Please explain)			
	New Well  Recompletion  Change in Ownership	Change in Trunsporter of:  Cil Dry C  Casinghead Gas Cond	Change in well	number designati 2, Well ∉3 8		
	If change of ownership give name and address of previous owner					
H	DESCRIPTION OF WELL AND					
	Atoka San Andres Uni.	t 119 Atoka San Ar	1	•		
	Unit Letter P : 3	30 Feet From The South L	ine and 330 Feet From	The East		
	Line of Section 10 T	ownship 18-S Range	26-E . NMPM.	Eddy.		
Ш.	DESIGNATION OF TRANSPOL	RTER OF OIL AND NATURAL G	AS Address (Give address to which appr	oved copy of this form is to		
٠	Injection Well - Cl		Address (Give address to which appr	oved copy of this form is to		
	If well produces oil or liquids,	Unit Sec. Twp. P.ge.	Is gus actually connected?	hen		
	give location of tunks.	ith that from any other lease or pool,	give commingling order number	•		
IV.	COMPLETION DATA	Oil Well   Gas Well	New Well Workeyer Deepen	Plug Back Same Res'		
	Designate Type of Complet:	Date Compl. Heady to Prod.	Tota! Depth			
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Off/Gas Pay	Tubing Depth		
X	Perforations			Death Casing Shoe		
030			. CENTURNO DECORD	No.		
Ø	HOLE SIZE	CASING & TUBING SIZE	D CEMENTING RECORD DEPTH SET	SACKS CEME		
0						
v.	TEST DATA AND REQUEST FOIL WELL		feer recovery of total volume of load oil 19th or be for full 24 hours 1			
	Date First New Cil Run To Tanke	Date of Test	Producing Mathod (Fibw. pump. gas l	ift, etc.)		
	Length of Trat	Tubing Pressure	Cosing Preseure	Chake Size		
	Actual Fred, During Teat	Oil-Bbis.	Water - Bola.	Gea-MCF		
ı						
[	GAS WELL Actual From Text-MCF/D	Longth of Test	Bbls. Condensate/AthiCF	Gravity of Condensate		
}	Testing Notices (pitot, back pr.)	Tubing Prossure (Shut-10)	Cosing Pressure (Shub-in)	Choke Size		
l. VI. (	CERTIFICATE OF COMPLIAN	CE	OIL CONSERVA	ATION COMMISSION		
•	hereby certify that the rules and	regulations of the Oil Conservation	APPROVED OCT	9 1978		
(	Tommission have been complied t	with and that the information given a best of my knowledge and belief.	BY W.G. S	CCT 24 1978  OCT 25 1978  OCT 2		
	a 11		TITLE SUPERVISOR, DIS			
	11 8 Sike	<b>3</b> 2	that to a contract for allow	wable for a newly drille		
	Area Engineer	nigh)	well, this form must be accompa- tests taken on the well in acco	idence with BULK 111		
-	10-16-78	le)	phile on now and recompleted w	ollu-		
	(1)-10-78	(e)	regularized number, or transpor	tenor office such changes to be filed for each po		

# NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

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

COMPANY ST MILLER OIL COMPANY OF TEXA	<b>ξ</b> (·				
BIN "B", WHALTY, TEXAS (Add	dress)				
LEASE Raigh Rovers TRACT #2 WELL NO.	3 UNI	T $\varphi$ s	10	T 189	R <b>25</b> 3
DATE WORK PERFORMED	POC		r a		
This is a Report of: (Check appropriate	block)	Resu	lts of	Test of C	asing Shut-of
Beginning Drilling Operations		Rem	edial V	Vork	
Plugging		Othe	r		
Detailed account of work done, nature and	d quantity	of mater	ials us	ed and re	sults obtaine
Rigged up pulling unit, Pulled rods and tule with higher per foot. For Tober full fore to near direct purples with 10,000 call refrequenciation actains of a sing, blomach as 12 This had been pumped, at pressure of 10% and packer set at 1611. Sumping was start through perforations at 1636 al666 and 163200 PSI and flow rate of 12 Jol per minute 1695 to TD. Ran rods & tubing & placed we	recries of ined crude mar verior DD 5 % To ted apain o 79 - 1693 e. Overflu	w/l" can w/l" can retions a wo joints and re ab at en a ached with	er at 1 d per g t 1434' of tak m r o" verage h 28 se	pyz' on z el. Tein el656', w in vere mixture w pressure	ined ined ben t on bulled as pumped of
FILL IN BELOW FOR REMEDIAL WORK Original Well Data:  DF Elev. 3337. TD 1766 PBD 1751.			<b>- 1</b> 666	Compl Da	te <u>12-7-56</u>
Thing. Dia 211 Thing Depth 17231 C	Oil String I	Dia 55"	Oi	l String D	epth 1765!
Perf Interval (s) 16361-16651 & 16791 - 16		<del></del> -			<del></del>
Open Hole Interval None Produc	ing Forma	ation (s)_	San A	ndres	
RESULTS OF WORKOVER:		В	EFOR	E A	AFTER
Date of Test Konthly	Anna Grand	Oct_	1057	4	2-27-57
Oil Production, bbls. per day	1484 TOT	<b>444</b>	10	_ *	22
Gas Production, Mcf per day		_		-	1.1.
Water Production, bbls. per day	,	<del></del>	<del>- 20 -</del>	<del>-</del>	<
Gas-Oil Ratio, cu. ft. per bbl.		-	000		2000
Gas Well Potential, Mcf per day		-4	<b>MAN</b>	<del>-</del>	
Witnessed by	Standard	Odd Comp	anv of		**************************************
			(	Company	
OIL CONSERVATION COMMISSION	•	true an		e informa	ation given e best of
Name M. Comstrons	Name	C	. F.	Durke	J
Title Charles and Charles	Position	niemic	t Unati	nous of	
Date MAN CO		v emasman			1 To 15



SOUTHWEST RECORDS SEARCH P.O. BOX 721 **ARTESIA, NEW MEXICO 88211-0721** 

Phone & Fax # (505) 746-9467 JULY 18, 1997 FAX TRANSMITTAL

ATTN: KAY MADDOX FAX #: 1-915-682-1458

FROM: PEGGY COX

THERE ARE 13 PAGES TO FOLLOW IN THIS FAX TRANSMITTAL.

KAY,

THE HC HAMMON, PEAK & BROWN #1 IN SECTION 15, T18S, R26E DOES NOT SHOW UP IN THE REGULAR FILES. IT IS APPARENTLY A VERY OLD WELL (EARLY 1900'S) AND THE ONLY RECORD IS THE FORMATION RECORD IN THE OLD BOOKS. SINCE YOU NEEDED THE CASING AND PLUGGING I DID NOT MAKE THOSE COPIES. IT IS PROBABLY PLUGGED, HOWEVER THERE WAS NO REPORT.

THANK YOU,

PEGGY COX SOUTHWEST RECORDS SEARCH

FROM: SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 21 1997 12:19PM P2

Chartes (7/1/88)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



#### STATE OF NE IRGY AND MINER GIL CONSERVATION DIVISION --. -- -----DISTRIBUTION P. O. BOX 2088 SANTA PE SANTA FE, NEW MEXICO 87501 FILE Sa. Indicate Type of Lease U.S.G.S. State \_\_\_ LAND OFFICE OFERATOR 5. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS DECEIVED A FOR PROPOSALS TO GRILL OF TO OCCEPT OF PLUG BACK TO A DIFFERENT RESERVOIR. MELL X Atoka San Andres Unit <u>.144 09 '89</u> ne of Operator 8. Form or Lease Name Chevron U.S.A. Inc. ATOKA SA Ut. <del>0. C. D.</del> dress of Operator artesia, office P.O. Box 670 Hobbs, NM 88240 159 egiton of Well 10. Fleid and Pool, or Wildcat North UMIT LETTER \_\_ 18S West 15. Elevation (Show whether DF, RT, GR, etc.) 3320.2 Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: ALTERING CASING MODRARA TAISAGE HANGE PLANS Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed sprk) SEE RULE 1103. Work performed 12-30 thru 12-31-88 POOH w/production equipment. Test RBP to 1000psi, ok. Test casing to 1000psi. ok. Release pkr. Swab to 1500'. Rec. 0 BO, 33 BW, EFL 1500'. Shut down to check FE. No FE. Rel RBP and POOH. LD pkr and RBP. TIH w/ 2 3/8", 4.7#, J-55, prod. tbg to 1764'. ND BOP, NUWH, turn over to production dept.

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

A. Elmand

Original Signed By

Mike Williams

ITIONS OF APPROVAL, IF ANY:

The line he information above is true and complete to the best of my knowledge and belief.

OATE January 5, 1989

JAN 1 6 1989

Choice Dite

Choice Dit

hereby cartify that the rules and regulations of the Oll Conservation omniasion have been compiled with and that the information given to the und complete to the best of my knowledge and belief.

ROPILE

AREA ENGINEER.

(1911)
-2-271-85

OIL CONSERVATION COMMISSION

Original Signed By

DY Leslie A. Clements

Supervisor District II

This form is to be filed in compliance with RULE 1102

If this hes request for allocable for a newly diffied of well, this form more he accommended by a teleplation of the tente taken on the well in accordance with proce till.

All nections of this form must be filled out cough; while on new and recomplished vestio.

FIR out only Sactions I. H. III, and VI for C vill name or muchor, or tromporter or other each vi 120-120-1095

Well # 159

NEW MEXICO OIL CONSERVATION COMMISSION FILE  WELL COMPLETION OR RECOMPLETION REPORT AND LOG  U.S.G.S.  LAND OFFICE!  DPERATOR		ype of Leas
LAND OFFICE!  DPERATOR  IN TYPE OF WELL	State	
DPERATOR IN TYPE OF WELL	5. State Oil &	dus Leuse
OPERATOR	j	
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September 1 and the september 2 and the septem	/, Unit Auteor	tent Same
2014 CAS T		
WELL ORY OTHER		
TYPE OF COMPLETION	117000	use Name . J
WELL OVER DECPEN BACK RESVR. OTHER	12 / 21	ARCS.
Name of Cremier	9. Well No.	
- Mult Oil (Din.	\\	59
Address of Areimor	10. Field and	i gol, or w
P.O. Box 670, Hollis, NM 88240	Ataba	Sanl
Locution of Well	777777	rinn
IT LETTER C LOCATED 125 FEET FROM THE MOSTALINE AND 1665 FEET FROM		
IT LETTER LOCATED FEET FROM THE	.21111111	777777
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R NOST THE OF SEC. 14 TWD. 185 RGE. 26 E ANDW	Colle	// <u>                                   </u>
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1-18-85 1-24-85 2-3-85 3320.2'6,	L 1	_
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. Producting there is so, or this completion = 1.01, notion, Name		. was titred Made
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1640-61' San andres		710
, Type Electric and Other Logs hun	27. Wa:	Well Core
CNDL: DIL: MI.	· ·	760
CASING RECORD (Report all strings set in well)	<del></del>	
CASING SIZE WEIGHT LB. FT. : DEPTH SET   HOLE SIZE   CEMENTING RE		AMOUN
		AMOUN
	<del></del>	<del> </del>
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2-3-85 Pumping - Size and type pump)	ater - ball i	~~~
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ate First i requestion   Franchis (Floring, gas litt, pumping = Size and type pump)    2-3-85   PUMOLA C    ate of Test   House Teste:   Check first   Friction for C   11 = Fric   2 = MCF    2-24-85   24   W. O.   Friction for C   26   59    Less Turing Frees.   County Freesure   Friend for C   Cas = MCF   Water = Bat	15	Sequity - A
The Pirst Frequency of Frequency Method (Floring, gas litt, pumping - Size and type pump)  2-3-85  PUMPLY  The ci Test  1	/5   CH S	41
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Justin Me, Mew Museum NIA REFERENCE OF THE OWNER VATIONIES WELL RECORD days after completion of well. Follows. Submit in QUINTUPLICATE. LOCATE WELL CORRECTLY To it Tearly diam'r. TRACT # 15 If State Land the Oil and Gas Le Depth . Include data on rate of water inflow and elevation to which water rose in hole and Lurom paolitino ( \*\*\* WZA. to feet CASING RECORD WEIGHT PER FOOT AMOUNT MUDDING AND CEMENTING RECORD AMOUNT OF MUD USED The state of the s TION AND STIMULATION

Area Engineer

10-16-78

RECEIVED

well, this form must be accompanied by a tabultests taken on the well in accordance with rull All sections of this form must be filled out

Fill out only Sections I. H. HE, and VI for well name or number, or transporter, or other such

able on new and recompleted wells.

120-1	<b>TIBOELLAMB</b> (	Sne	FOLK
100			STILLING WORLD A PROPERTY

Well # 133

Sale Print Land		Collision 1: State	\$1.		NEW MEXIC	OIL CONS	ERVATION	COMM	ISSION Y
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			4						
			_	Mail to Distric	ct Office, Oil	Conservation Co	mmission, to w	hich For	m C-101 was sent r
		<u> </u>		of the Commis	sion. Submit in	QUINTUPLIC	ATE. If 6	ctions in tate Las	Rules and Regulation d submit 6 Copies
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:19AM P

HO. OF COPIES RECEIVED		]						5			Potm C-1	05	
DISTRIBUTION						•					Nevised		
SANTA FE		1	NEW MEY	YICO OIL	CONS	ERVATION	CONN	ISSION		54. 1	ndicate 1	ype of Lease	
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Vega Petrol	eum Cori	0.								١,			
3. Address of Operator										10.	Field on	Pool, or Wile	icat
P.O. Box 23	183. M(d)	land.	Mayar '	70701								Pennsylva	-
4. Location of Well	7037 MIL		16.46	73/01	*****	· · · · · · · · · · · · · · · · · · ·			<del></del>		Till		
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UNIT LETTERC		990					165	n.					III
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				! Mo	uny .		<b>"</b> } 2:	Drilled	₽yi			Cable Tool	5
9300 1 24. Producing Interval(s)		9150'	T D	1	N/	A			<b>→</b> ; (	<u>)-9300</u>		+	
24. Producing intervat(s)	, of turn com	pretion -	100, Bottom, I	NGMO							2	5. Was Directi Made	onal 2
903	2'-9053'	Morro	w Sand									No	1
25. Type Electric and Ot	•										27. W	as Well Cored	
Densilog, No	eutron-D	ual LI										No	
28.			CASIN	IG RECOR	D (Repo	et all strings	set in	well)					
CASING SIZE	WEIGHT	8./FT.	DEPTHS		HOL	ESIZE		CEMEN	TING	RECORD		AMOUNT	PULL
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								2-3/8	"	9015		8970	1
	<u> </u>				ļ								
31, Portoration Record (						32.	ACID,	SHOT, F	RACTL	RE, CE	AENT SQ	UEEZE, ETC	
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39.						UCTION				···			
Date First Production	. ↑P	roduction	Method (Flow	ring, gas li	ft, pump	ing — Sixe a	nd type	թ <b>սութ)</b>		'	Veli Stati	s (Prod. or SI	tut-in)
3/8/76		Flow.	ing									t-in	
Date of Test	Hours Test	<b>ed</b> (	Choke Size	Prod'n. Tost Pe		Off - Bpr	, (	Gus — MC	F	Water =	Bbl.	Gas-Dil R	olip
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Flow Tubing Press.	Casing Pre	86 m.	Calculated 24- Hour Rate	QII — BI	bi.	Gas	MCF	W	ater —	Bbl.	01	I Cravity - Al	P1 (Çor
4-point	pkr.		TOM Hate	63.	7	3,02	20 AQ	F'	0		İ	49 @ 60°	
34. Disposition of Gas	(Sold, used fo	or fuel, vo	nicd, cia.)							Test W	tnessed	Ву	
Shut-in; wai	ting on	gas c	onnection	n						Robe	rt L.	Murdock	
35. List of Attachments		<del></del>											
													_
36. I hereby certify that	t the informat	ion shows	on both side	of this fo	rm is tr	ue and compl	ata to t	he best o	my kn	owledge	and belie	7 f.	
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24	<i></i>	7/	far	٠, ١	. c E	xecutiv	e Vic	e-Pre	side	it n	ATE	March 10	,197
SIGNED				TIT						<u> </u>			
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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

Jul. 18 1997 08:20AM F

OIL CONSERVATION DIVISION P.O. Box 2088

FROM: SOUTHWEST RECORDS SEARCH PHONE NO.: 505 7469467

1 1 1	est of my knowledge and belief.
SIGNED TITLE EXECUTIVE Vice-	President DATE March 10,19
FROM: SOUTHWEST RECORDS SEARCH PHONE NO.: 505 7469467	Jul. 18 1997 08:20AM
brist 3 Copies Appropriate Energy, Minerals and Natural Resources Department suriet Office	Form C-103 Revised 1-1-89
OIL CONSERVATION DIVISION P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088	WELL API NO. 30015-21686
Santa Fe, New Mexico 87504-2088 O. District II O. D	5. Indicate Type of Lease STATE FEE
ISTRICT III 200 Rio Brezos Rd., Aziac, NM 87410	6. State Oil & Gas Lenze No.
SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DREL 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.)  Typs of Well:  OIL  WELL  WIELL  OTHER	Jerry Nelson Com
Name of Operator	8. Well No.
Address of Operator 415 W. Wall, Suite 1101, Midland, TX 79701	9. Pool name or Wildon Atoka Penn
. Well Location	
Unit Latter C: 990 Feet From The North Line and 165  Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)	
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)  Check Appropriate Box to Indicate Nature of Notice, I  NOTICE OF INTENTION TO:  ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	NMPM Eddy Coun Report, or Other Data BSEQUENT REPORT OF:  ALTERING CABING
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)  11. Check Appropriate Box to Indicate Nature of Notice, I  NOTICE OF INTENTION TO: SU  ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK  EMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING	NMPM Eddy Coun Report, or Other Data BSEQUENT REPORT OF:  ALTERING CABING RG OPNS. PLUG AND ABANDONMEN
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)  Check Appropriate Box to Indicate Nature of Notice, I  NOTICE OF INTENTION TO:  ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	NMPM Eddy Coun Report, or Other Data BSEQUENT REPORT OF:  ALTERING CABING RG OPNS. PLUG AND ABANDONMEN
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)  Check Appropriate Box to Indicate Nature of Notice, I  NOTICE OF INTENTION TO:  SU  ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK  EMPCRARILY ABANDON CHANGE PLANS COMMENCE DRILLING  PULL OR ALTER CASING CASING TEST AND COMMENCE OF THE COMMENCE OF THE CASING TEST AND COMMENCE OF THE CASI	Report, or Other Data BSEQUENT REPORT OF:  ALTERING CASING  ALTERING CASING  AG OPNS. PLUG AND ABANDONMEN  CEMENT JOB  Studing estimated date of starting any proposed  WORK LE 13   96  ant top @ 6207'Spot 10 sx cmt  cement top @ 1776'
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKE, RT, GR, etc.)  11. Check Appropriate Box to Indicate Nature of Notice, I NOTICE OF INTENTION TO:  SUPERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILLY ABANDON CHANGE PLANS COMMENCE DRILLING FULL OR ALTER CASING CASING TEST AND COMMENCE DRILLING  OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent datails, and give pertinent datas, in wort) SEE RULE 1103.  1) Sat 4½ CIBP @ 8950' Spot 14 sx cement on top Regard  2) Load hole with mud  3) Spot 25 ax cement, plug @ 7139'  4) Cut 4½ csg @ 6307' P.O.O.H.  5) Spot 25 sx cement, plug @ 5½ stub 6363' W.O.C. Tag ceme  6) Spot 25 sx cement, Plug @ 5888'  7) Spot 25 sx cement, Plug @ 4495'  8) Spot 25 sx cement, Plug @ 2311'  9) Spot 30 sx cement, Plug @ 8-5/8" shoe 1906' W.O.C. Tag	Report, or Other Data BSEQUENT REPORT OF:  ALTERING CASING  ALTERING CASING  AG OPNS. PLUG AND ABANDONMEN  CEMENT JOB  Studing estimated date of starting any proposed  WORK LE 13   96  ant top @ 6207'Spot 10 sx cmt  cement top @ 1776'
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKB, RT, GR, etc.)  11. Check Appropriate Box to Indicate Nature of Notice, I  NOTICE OF INTENTION TO:  ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK  EMPCRARILY ABANDON CHANGE PLANS COMMENCE DRILLIN  CASING TEST AND COMMENCE DRILLIN  CASING TEST AND COMMENCE DRILLIN  CASING TEST AND COMMENCE DRILLIN  OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent datails, and give pertinent datas, in  work) SEE RULE 1103.  1) Set 4½ CIBP @ 8950' Spot 14 sx cement on top Regard  2) Load hole with mud  3) Spot 25 ax cement, plug @ 7139'  4) Cut 4½ csg @ 6307' P.O.O.H.  5) Spot 25 ax cement, plug @ 5½ stub 6363' W.O.C. Tag ceme  6) Spot 25 ax cement, Plug @ 5888'  7) Spot 25 ax cement, Plug @ 4495'  8) Spot 25 ax cement, Plug @ 4495'  8) Spot 25 ax cement, Plug @ 8-5/8" shoe 1906' W.O.C. Tag  10) Spot 30 ax cement, Plug @ 8-5/8" shoe 1906' W.O.C. Tag  11) SPot 10 ax cement @ surface, Set PA marker Completed  11) SPot 10 ax cement @ surface, Set PA marker Completed	Report, or Other Data BSEQUENT REPORT OF:  ALTERING CASING  REPORT JOB  CEMENT JOB  CHARLES AND ABANDONMEN  CHARLES AND ABANDO
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKE, RT, GR, etc.)  11. Check Appropriate Box to Indicate Nature of Notice, I NOTICE OF INTENTION TO:  ERFORM REMEDIAL WORK PLUG AND ABANDON GOMMENCE DRILLING CASING TEST AND COMMENCE DRILLING CASING TEST AND COMMENCE DRILLING.  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent datas, in work) SEE RULE 1103.  13. Set 4½ CIBP @ 8950' Spot 14 sx cement on top Began Set 12. Load hole with mud  24. Cut 4½ csg @ 6307' P.O.O.H.  25. Spot 25 sx cement, plug @ 7139'  40. Cut 4½ csg @ 6307' P.O.O.H.  26. Spot 25 sx cement, Plug @ 5½ stub 6363' W.O.C. Tag ceme  27. Spot 25 sx cement, Plug @ 5888'  28. Spot 25 sx cement, Plug @ 4495'  88. Spot 25 sx cement, Plug @ 311'  99. Spot 30 sx cement, Plug @ 35/8" shoe 1906' W.O.C. Tag  10) Spot 30 sx cement, Plug @ 1171'  11) SPot 10 sx cement @ surface, Set PA marker Complete Surface, Set PA marker Completed Surfaces, Set PA	Report, or Other Data BSEQUENT REPORT OF:  ALTERING CASING  REPORT JOB  CEMENT JOB  CHARLES AND ABANDONMEN  CHARLES AND ABANDO
Section 14 Township 18-S Range 26-E  10. Elevation (Show whather DF, RKE, RT, GR, etc.)  NOTICE OF INTENTION TO:  ERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING  EMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING  CASING TEST AND CASING CASING CHANGE PLANS COMMENCE DRILLING  OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent datails, and give pertinent datas, inverted Ster RULE 1103.  1) Set 4½ CIBP @ 8950' Spot 14 sx cement on top Began and Spot 25 sx cement, plug @ 7139'  4) Cut 4½ csg @ 6307' F.O.O.H.  5) Spot 25 sx cement, plug @ 7139'  4) Cut 4½ csg @ 6307' F.O.O.H.  5) Spot 25 sx cement, Plug @ 5888'  7) Spot 25 sx cement, Plug @ 5888'  8) Spot 25 sx cement, Plug @ 4495'  8) Spot 25 sx cement, Plug @ 4495'  8) Spot 25 sx cement, Plug @ 8-5/8" shoe 1906' W.O.C. Tag  10) Spot 30 sx cement, Plug @ 1171'  11) SPot 10 sx cement @ surface, Set PA marker Complete Stohatore  Thurby centry that the information above is true and complete to the base of my knowledge and belief.  Stohatore  Thurby centry that the information above is true and complete to the base of my knowledge and belief.  Stohatore  Thurby centry that the information above is true and complete to the base of my knowledge and belief.	Report, or Other Data BSEQUENT REPORT OF:  ALTERING CABING  AG OPNS. PLUG AND ABANDONMEN  CEMENT JOB  CHARLES ESSUMMENT DOS AND ABANDONMEN  CEMENT JOB AND A

# Wellbore Schematic

Surface Casing 13 3/8"  Depth Set 1120'  Cement 750 sxs	Conductor Casing 20' Depth Set 115' Cement 400sxs
Intermediate Casing 8 5/8"  Depth Set 1855' Cement 850 sxs	
Production String 4 1/2"  Depth Set 9180'  Cement 400 sxs	set 4 1/2" CIBP @ 8950' spot 14 sxs cement on top, load hole with mud, spot 25 sxs cement plug @ 7139', cut 4 1/2" csg @ 6307', spot 25 sxs cmt, plug 6363' tag cmt top @ 6207' spot 25 sxs plug @ 5888', spot 25 sxs plug @ 4495', spot 25 sxs plug @ 2311', spot 30 sxs plug 8 5/8" shoe 1906' WOC Tag cmt top 1776' spot 30 sxs @ 1171 spot 10 sxs @ surface  P&A 6-12-96
Perforations 9032-90531 Tubing Depth 9015'	Total Depth 9300'

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	

Depth	Cleaned	Out
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FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 Ø8:22AM P8

#### OOBD OF DESILE-STEM AND SPECIAL TY!"

	If dr	ill-stem or a	ther special tests or desistion surveys an	ere mede, sub	mit report	оо зерата	steraheet and attach hereto
			TOOL	& USED			<b>A</b>
Rotary to	ols were	used from	Eurlage feet to 1730	foot, an	d from		feet tofeet.
							feet tofoet.
			PROD	UCTION			
Put to Pr	oducing.	No	rember 25 19.56	,			•
OIL WE	LL: T	he productio	n during the first 24 hours was 1.66	· n	ham	mele of lies	uid of which
							2.0% was sediment, A.P.I.
					.70 WARET	and	Z-Quantum was sediment. A.P.I.
			<u> </u>				
GAS WE	LL: T	he production	a during the first 24 hours was		d,C.F. pli	<b>18.</b>	barrels of
	li	quid Hydroc	arbon. Shut in Pressurell	<b>36</b> ,			
Length o	of Time	Shut in					
PLE	ase in	IDICATE B	ELOW FORMATION TOPS (IN CO	NFORMAN	DE WITE	GEOGR	APHICAL SECTION OF STATE):
			Southeastern New Mexico			•	Northwestern New Mexico
•	•	•	T. Devonian				Ojo Alamo
			T. Silurian				Kirtland-Fruitland
			T. Montoys		•		Farmington
			T. Simpton	•			Menefee
			T. Ellenburger				Point Lookout.
•	_		T. Gr. Wash.,				Mancos
			T. Granite				Dakota
		1.	T		<del>-</del>		Morrison
	•		Т				Penn
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#### ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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WELL RECORD

-SED 3 () 13/6/

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

		Oil, Ind.	ator)	Pressure		(Lease		##****************************
ы No			1/4 of NW					6 <u>e</u> , nm
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			ate Land the Oil as					
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ne of Drill	ling Contract	tor	eters Drilli	ng Company,	Inc.	•••••••••	******************	******
dress		P	.0. Box 144.	Artesia, N	ew Mexico	44.000.00000000000000000000000000000000	*****************	******************
vation abov	ve sea level a	t Top of Tubing	g Head331	4 GL	The inf	ormation gives	is to be ke	pt confidential
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	WEIGH PER PO	Cr NEW C	)	**************************************			IONS	PURPOSE
SIZE	WEIGH PER FO	T NEW COT USE	DE AMOUNT	CASING RECO	RD CUT AND	feet. 1		
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SIZE	WEIGH PER FO	T NEW COT USE	AMOUNT	CASING BECO	RD CUT AND	feet. 1	<b>V</b> e	ter shut
SIZE	WEIGH PER FO	T NEW COT USE	AMOUNT	CASING BECO	RD CUT AND	feet. 1	<b>V</b> e	ter shut
SIZE	WEIGH PER FO	T NEW COT USE	DE AMOUNT 1095 1740	CASING RECO	CUT AND PULLED FROM	feet. 1	<b>V</b> e	ter shut
61ZE 8 5/8 51	WEIGH PER FO	TOT NEW CUSES	AMOUNT 1095 1740  MUDDING	CASING RECO	CUT AND PULLED FROM	FERFORAT	ve oi	ter shut
SIZE  8 5/8  50  SIZE OF HOLE	WEIGH PER FO	TOT NEW CUSEI	MUDDING NO. SACES OF CEMENT	CASING RECO	CUT AND PULLED FROM	feet. 1	ve oi	ter shut
SIZE  6 5/8  58  SIZE OF HOLE	WEIGH PER FO	DAW DAW WHERE	MUDDING No. SACKS OF CEMENT 450	CASING RECORD RIND OF SHOR Float Float  AND CEMENT METHOD USED Circulate	CUT AND PULLED FROM	PERFORAT	ve oi	ter shut
81ZE 8 5/8 58	WEIGH PER FO	TOT NEW CUSEI	MUDDING NO. SACES OF CEMENT	CASING RECORD RIND OF SHOR Float Float  AND CEMENT METHOD USED Circulate	CUT AND PULLED FROM	PERFORAT	ve oi	ter shut
SIZE  8 5/8 51  SIZE OF HOLE	WEIGH PER FO	DAW DAW WHERE	MUDDING No. SACKS OF CEMENT 450	CASING RECORD RIND OF SHOR Float Float  AND CEMENT METHOD USED Circulate	CUT AND PULLED FROM	PERFORAT	ve oi	ter shut
SIZE  8 5/8 51  SIZE OF HOLE	WEIGH PER FO	DAW DAW WHERE	MUDDING NO. SACKS OF CEMENT 450 475	CASING BECOMENT Float Float METHOD USED Circulate Circulate	CUT AND PULLED FROM  ING RECORD  to surface	PERFORAT  MUD' RAVITY	ve oi	ter shut
SIZE  8 5/8 51  SIZE OF HOLE	WEIGH PER FO	WHERE SET 1095	MUDDING NO. SACES OF CEMENT 450 475  RECORD OF	AND CEMENT METHOD USED CIrculate Circulate	CUT AND PULLED FROM  ING RECORD  to surface	PERFORAT  MUD' RAVITY	Q1	ter shut
8 5/8 5 8 5 8 5 8 8 1 2 E OF HOLE 11 8 7 7/8	SIZE OF CABING 8 5/8	WHERE SET 1740	MUDDING NO. SACES OF CEMENT 450 475  RECORD OF	CASING RECORDER OF SHORE FROM THOSE FROM THOSE CIPCULATE CIPCULATE CIPCULATE CIPCULATE CIPCULATE CO. of Qu. or Gal	TO SUIT AND PULLED FROM  ING RECORD  TO SUIT GOS  AND STIMULAT	PERFORAT  MUD' RAVITY  FION  treated or sho	AA M	ter shut  I string  MOUNT OF  IUD USED
SIZE  8 5/8  5 7  SIZE OF HOLE  7 7/8	WEIGH PER FO	WHERE BET 1095 1740 (Record to	MUDDING NO. SACKS OF CEMENT 450 475  RECORD OF the Process used, No. Shotsto. foor	AND CEMENT METHOD USED Circulate Circulate Circulate Circulate (32 shots)	TO SULTAND  CUT AND PULLED FROM  ING RECORD  G  TO SULTAND  AND STIMULAT	PERFORAT  MUD' RAVITY  FION  treated or sho	AA M	ter shut  I string
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SIZE  8 5/8 51  SIZE OF HOLE 11* 7 7/8  Parf.	Size of Casing 8 5/8 5 5 2	WHERE SET 1095 1740 (Record to the gun 4 at 10,000 G	MUDDING No. SACES OF GEMENT 450 475  RECORD OF the Process used, No. Saces use	CASING RECOMENT Float Float Float AND CEMENT METHOD USED CIrculate Circulate Circulate (32 shots) hs sand & 2	TO SUIT AND PULLED FROM  TO SUIT AND PULLED FROM  TO SUIT AND GO  TO SUIT AND	PERFORAT  MUD- RAVITY  FION  treated or sho	t.)	ter shut  I string  MOUNT OF  UD USED
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SIZE  8 5/8 55 SIZE OF HOLE  11 7 7/8  Parf.	WEIGH PER FO	WHERE SET 1095 1740 (Record to the gun 4.8)	MUDDING NO. SACES OF CEMENT 450 475  RECORD OF he Process used, N hats to foor	CASING BECOMENT Float Float Float AND CEMENT METHOD USED CIrculate Circulate Circulate (32 shots) hs sand & 2	to surface  ND STIMULATE  Lused, interval	MUD'RAVITY	A)	ter shut  I string  MOUNT OF UD USED
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9-30-57

# Submit 3 Copies to Appropriate Dustrict Office

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

Form C-103 Revised 1-1-89

DISTRICT I

OIL CONSERVATION DIVISION

DI BAT 7074	WELL API NO.
P.O. Box 2088  DISTRICT II Santa Fe, New Mexico 87504-2088	30 015 00207
P.O. Diewer DU, Arietta, NM 88210	5. Indicate Type of Lease STATE FEE
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	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	ATOKA SAN ANDRES UNIT
I. Type of Well:	- Intole of Annals of the
OL GAS OTHER INJECTION	
Name of Operator PENNZOIL EXPLORATION & PRODUCTION COMPANY	8. Well No. 135
3. Address of Operator	9. Pool same or Wildcat
P O BOX 50090 MIDLAND TEXAS 79710-0090	ATOKA SAN ANDRES
Well Location	
Unit Letter F: 1650 Feet From The NORTH Line and 296	80 Feet From The EAST Line
Section 14 Township 18S Range 26E	EDDY Committee
Section 14 Township 105 Range 205  10. Elevation (Show whether DF, RKB, RT, GR, etc.)	NMPM EDD1 County
3314' GL	<u> </u>
11. Check Appropriate Box to Indicate Nature of Notice,	Report, or Other Data
NOTICE OF INTENTION TO:	BSEQUENT REPORT OF:
ERFORM REMEDIAL WORK X PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
EMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLIN	
ULL OR ALTER CASING CASING TEST AND	
UNATION IEST AND	
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inc work) SEE RULE 1103.	cluding estimated date of starting any proposed
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inc	', 1594-95', 1621-22', 1662-71', 8 holes). llons of 15% NEFE HCL. l5% NEFE HCL. llons of 15% NEFE HCL. gallons of gelled wtr., 31,000 mesh sand.
12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, incomplete Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, incomplete Proposed or CIBP @ 1575'.  1. Drill out CIBP @ 1575'.  2. Perf San Andres 1531-32', 1535-36', 1551-52', 1559-60 1693-1704', 1709-10', 1722-27', & 1730-31' w/2 SPF (6)  3. Acidize San Andres perfs 1693-1731' overall w/2000 gat 4. Acidize San Andres perfs 1652-60' w/1500 gallons of 5. Acidize San Andres perfs 1531-1622' overall w/1500 gat 6. Fracture treat San Andres 1531-1622' overall w/41,000 pounds of 20/40/mesh sand, and 20,000 pounds of 16/30 7. Install injection assembly w/pkr at approx. 1500', pe	', 1594-95', 1621-22', 1662-71', 8 holes). llons of 15% NEFE HCL. l5% NEFE HCL. llons of 15% NEFE HCL. gallons of gelled wtr., 31,000 mesh sand.
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120-15

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:21AM P7

(Perio 0-185)

2340 •

# NEW MEXICO OIL CONSERVATION COMMISSION Seats Fc, 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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10,000 gallons crude oil and 10,000 pounds of sand.

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October 10 1957

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Company or Operator Oll, Inc.
Address P.O. Box 702, Artesia New Mexico
Position or Title Segretary

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#### 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. Had small leak in Displaced cement out of tubing. 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 0 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.

# **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 1702'

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	

FROM : S	SOUTHWEST	RECORDS S	EARCH (7)	PHONE NO.	05 <u>74</u> 69467	11_	Jul. 21	1997 12:19PM R	2
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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.

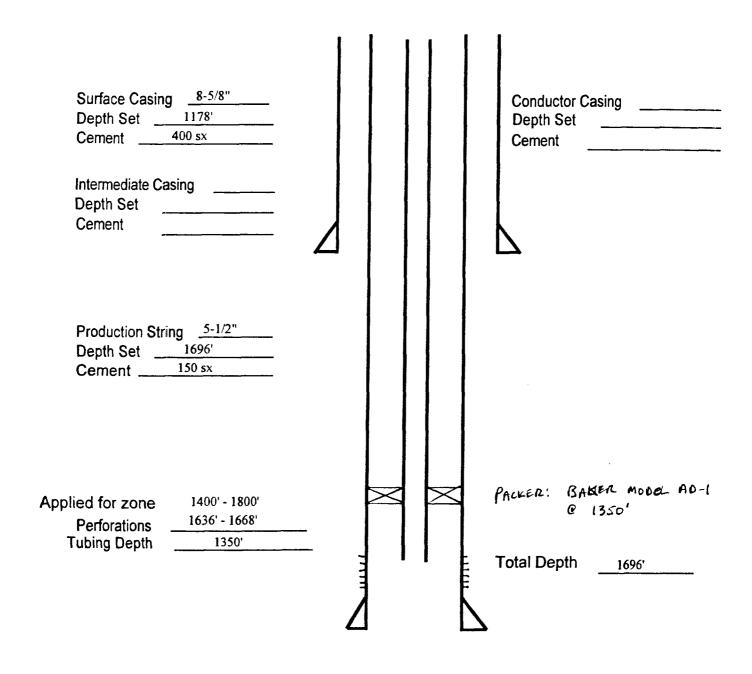


Information Litho from Oil Conservation Division - See Attached Forms

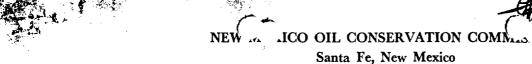
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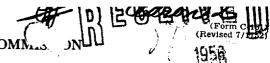
Please see attached water analysis on the fresh water in the ASAU. All fresh water zones will be protected by casing cemented to surface.

# **Wellbore Schematic**



OPERATOR	Pennzoil Exploration & Production Company	
LEASE AND WELL NAME	Atoka San Andres Unit Well # 120	
LOCATION	990' FWL & 330 FSL Sec 11, T-18-s, R-26-E	
COUNTY AND STATE	Eddy County, New Mexico	





NOTICE OF INTENTION TO DRILL OR RECOMPLETED COMPA

	is notice in e Commiss		UPLICAT	LE. One	copy will be returne	d following approval. S	ee additional instruction	ns in Rules and Regula-
	••••••	Mis	(Place)				(Date)	
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•••••	•••••	B. C.		/	(Company	or Operator)	**	•••••••••••••••••••••••••••••••••••••••
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- <del>                                     </del>				fo	ormation at an appro	ximate depth of	1750	feet.
347					· .	PROGRAM		
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						etails of proposed plan	of work )	•
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Ti+la			1/			M7.63:	and Towns	

# NEW MEXICO ( LL CONSERVATION COMMISSION )

Form C-128

Well Location and/or Gas Proration Plat

						Date_	gargeria. #	, 1095
Operator	derd 661 Comp	my of th	I	Lease_	B. C.	ARTON Qu	ran	<del></del>
Well No.	Section	11.	Towns	hip	18-8	Range	86-E	_NMPM
Located 990	Feet Fr	om_ Va	<u>t</u> L	ine,	330	Feet Fron	n Bould	Line,
Eddy		County	, New M	exico.	G. L.	Elevation_	111 separt	later
Name of Producin	g Formation_	Con An	iros	Pool	Media	Dedicat	ed Acrea	ge <b>b0</b>
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Representing				Re	gistered	Professiona	l Enginee	r and/or
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## REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

#### THE CREATION OF A NEW POOL

V/ell No.	nship	ine and	330 262 Range	fee
Located 220 feet from the West	nship	ine and	<b>2</b> 6E	fee
	nship			
from the line of Section Tow	•			
is outside the boundaries of any pool producing from the same formation. On the with on form C-105, we hereby request that the same formation. On the pool be extended to include the following described area.				
or that a new pool be created to include the following described area				
Suggested name:				
Name of Producing Formation: Sen Andree	Mana			••••

# DISTRIBUTION ANTA FE ILE S.G.S. AND OFFICE RANSPORTER GAS PERATOR

#### NEW MEXICO OIL CONSERVATION COMM. OI REQUEST FOR ALLOWABLE AND

Supersedes Old C-104 and C-110 Effective 1-1-65

Form C-104

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RANSPORTER OIL								KD K=	CEI	N trans steet
PERATOR /								N L	·	
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hange of ownership give name address of previous owner	·	Former	r Opera	tor:			Chevron C		<i>y</i> u.	
SCRIPTION OF WELL AND	LEASE					_				
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cka San Andres Unit	Tr.5 2	2	Atoka	(\$1.)			State, Federa	l or Fee	Fee	
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Continental Pipe Line	a Compan	ìγ			-P-0-	BOX 167	, Artesia	. New Me	xico 🥳	8210
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Phillips Petroleum Co	שתהמחכ			_	P. 0-	80x 655	5, Odessa	Youne	7	9760
	Unit	Sec.	Twp.	P.ge.	Is gas acti	ally connect	ed? Whe			7 / 6 0
well produces oil or liquids, ve location of tanks,	N	11	18s	26E		Yes	i i	11-25-5	9	
his production is commingled w	ith that fro	m any oti	her lease	or pool,	give commi	ingling orde	r number:			
MPLETION DATA		Oil We	ll Gas	Well	New Well	Workover	Deepen	Plug Back	Same Res	v. Diff. Res'v
Designate Type of Complet	ion - (X)	i	1		1 1	1	t	1	1	1
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		TUBI	NG, CASII	NG, AND	CEMENT	ING RECOR	D			
HOLE SIZE	CAS	SING & T	UBING SI	ZE		DEPTH SI	ET	S	SACKS CEMENT	
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ST DATA AND REQUEST I	FOR ALLC	WART.F	(Test m	ust be at	ter recover	of total unlu	me of load oil	and must he s	oual to or e-	ceed ton alle
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M. M. Tharp

September 9, 1968

(Date)

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

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

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

#### Section 6

#### LOG OF WELL

Depth in Feet		Thickness in Feet	Color	Type of Material Encountered
From	То	1		
0	1.0	10		Rotary Spacing
10	165	155		Said & Graval
165	<b>以海</b>	24,3		Sand
468	7710	302		Ashydri to & Sand
710	מנונ	bos		Colomite
1113	1150	62		Dolamite & Sand
1180	1698	518		Belowite
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Well Driller

#### APPROVAL OF THE STATE ENGINEER

Recorded in Book	O-2-E-1			received Octo	
Page	120		Date returne	ed for correction	on
Commission and prov Engineer pertaining	ided that the a to the drillin	pplicant com	plies with all and further p	ll rules and reported in the contract of the c	and Gas Conservation gulations of the State casing shall not be ngineer's Office.
Works shall be compl	leted and compl		gging report	filed on or bea	fore
	ground basin ovisions and co	examined the f the State anditions.	e above appli		nit to drill for oil prove the same subject
			S. E.	Reynolds	ार्थित्। वर्षात्रकार्थित्। वर्षात्रकार्थित्। के
			By:	State Engin	len
•		D.R.Kienler	Asst. Chi	ef, Water Rig	ghts Division
OCATE WELL AS ACCUR	RATELY AS POSSI	BLE ON FOLLO	WING PLAT:		And the state of t
Section (s) 11		, Township	18-s	, Range	26-E N.M.P.M.
					្រុស ប្រជាជាធិប្បីប្រើប្រើប្រជាជាធិប្បីប្រើប្រាស់ ប្រើប្រើប្រជាជាធិប្បីប្រជាជាធិប្បីប្រជាជាធិប្បីប្រជាធិប្បីប្ ប្រជាជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្ ប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្បីប្រជាធិប្ប
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	990				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

#### INSTRUCTIONS

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

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

- cs. 1-4----Fill out all blanks fully and accurately.
- c. 7-----Estimate time reasonably required to commence and to complete project.
- additional space is necessary, use a separate sheet or sheets and attach securely hereto. illing shall not commence until approval of the State Engineer is obtained.
- 1 casing shall be inspected and approved by a representative of the State Engineer before
- well proves to be non-productive the well shall be plugged under the supervision of the ate Engineer or his representative.
- g of well shall be filed with the District Supervisor, Box 810, Roswell, New Mexico, upon mpletion.

#### WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1			(A) Owne	er of well	Stan	Lard Oil Comp	any of Perse	
			1 ' '				•	
			i			•		Texas
			-1					nd is located in the
			1/4	1/4	SW 1	4 of Section 11	Twp. 18	Rge. 🌃 📱
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370			J Drilling w	as comple	ted			19 <b>56</b>
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Section 2	:		PRIN	CIPAL WA	TER-BEAR	ING STRATA		
No.	Depth in	Fee:	Thickness in		De	scription of Water	r-Bearing Formati	ion
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3								
4						<del></del>		<del></del>
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Section 3	<u></u>			RECOR	D OF CA	SING		·····
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		<del> </del>						
	<u> </u>			<u> </u>			!	
Section 4			RECORI	OF MUD	DING AN	ND CEMENTING		
	in Feet	Diameter	1	No. Sa		-	Methods Used	
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	FOR USE	OF STATE	ENGINEER OF	VLY		_		
D : -	Daniel :	S	EP 25 1958					
Date F	Received	1	OFFICE		_			
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.Use..

Location No.

Form C-103 (Revised 3-55)

# NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

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

COMPANY	STANDA	urd oil	COMPA	ny of	TEXAS					
LEASE B.	C. Aax	on TRI	ACT #.	5	lress)	IIT M	990 S 11	FVL 3	330 PSL 185	Sec. 11 R 268
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itle	X WW	min	- <del> </del>	·	-			<del>- / _ ·</del>	r, Engl	neer
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Important ad Instructions on Back Before

APPLICATION FOR PERMIT TO DRILL FOR OIL

1958 OCT H RECEIVED

lling Out This Form

(required in artesian underground basins only)

.cation No	O-2-E-120		Book	-2-E-1	Date Received_	OGE, B, IBDE
Name of appli	cant	Standard Of	1 Compan	y of Texas	g	
Post Office a	ddress P. O.	Box 1660	; C:	ity or Tov	vn Midland, Te	Xas
Jouney of	Midland		, b	tate of	Texas	
Well is to be	drilled under	contract for	Standay	rd 011 Co.	of Texas	:
		_		(sel	lf or company)	
	known as the			<del></del>		well,
he well is t	o be located i	n the com	1.	สน	<del>1</del> . sw	4.
f Section	11	, Township 18	3-S	, F	Range 26-E	, N. M. P. M
n land owned	by B. C. A	laron	of	Arte	1, SW Range 26-E Sia, New Mexico	
	f well: Depth			**		feet;
_	menting progra	· · · <u> </u>		<del></del>	<u></u>	
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			<b> </b>	<u> </u>	' '	
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OFFICE GROUND WATER SUPERVISOR COSPILL GON 15

GROUND WATER SUPERVISOR

#### "ICO OIL CONSERVATION COMM Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well NOV1 0 | Recompletion

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 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 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.

				10.7 #5	(Place)		Table 1.	(ID	ate)
E ARE H	EREBY R	EQUESTI	NG AN ALL	OWABLE FOR	A WELL KI	NOWN AS:	1	PRODUCTIO	
tandard	Oil Com	party of	Texas 6	3. C. Um	Well No	2	S₩	DATE SE	
, Com	npany or Op	erator)	_ 180	(Lease) , R. <b>26 E</b>			.aa		CHINI
(Unit)	, Sec.		, Т105	, R. <b>208</b>	, NMPM. <b>,</b>	unnesigni	irea	D. D. GEOL.	Pool
. ,			County. D	ate Spudded 10	-11-56	Date Co	mpleted 1		
	indicate l			are aparaded		, Date Co	mpieteu		1
	1	1	7	2530 n W		* (n0	•	* do.	
			Elevat	ion 3330 D.F	• Total D	epth	, P	1	
			Ton	il/gas pay	<b>3</b> 6	m (n	1 77	FILE C-CO.	MENT RIVER
						lop of Pro	od. Form	, 32.04 No.27	G46I-IIIIAI
			Casing	Perforations 16	35-1668		·····		or
						1606			
			Depth	to Casing shoe o	of Prod. String.	awyd			•••••••
			Natura	al Prod. Test	Not teste	1			BOPD
90 .									
330				on					
		••	Test af	fter <b>Exec</b>		137			BOPD
Casing a	ınd Cementi	ing Record				_			
Size	Feet	Sax	Based	on. 137	bbls. Oil	ın	Hrs		Mins.
·	1		Gas W	Vell Potential					
8 5/8	1178	1:00			16/64				
		150	Size ch	noke in inches	16/ <b>6</b> 4		······································	•••••	
	1178 1696								
			Date fi	irst oil run to tan	iks or gas to T	ransmission syst	em: 10-	<b>2</b> 6-56	
			Date fi		iks or gas to T	ransmission syst	em: 10-	<b>2</b> 6-56	
8 5/8 5 1/2	1696	150	Date fi	irst oil run to tan	or Gas: Cas	ransmission syst	em: 10-	26 <b>-56</b>	
5 1/2 marks:1	1696 Perforat	150	Date fi Transp	irst oil run to tan porter taking Oil	iks or gas to Troop Gas: Cac	ransmission systems  Petrole  500 gallons	em: 10-	26 <b>-56</b>	
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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

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.



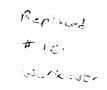
#### **BJ SERVICES COMPANY**



#### PENNZOIL E & P COMPANY

NO. 120 ATOKA INJECTOR ATOKA, SAN ANDRES UNIT EDDY COUNTY, NM SAN ANDRES FORMATION

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





#### SERVICE POINT

ARTESIA, NM (505) 392-5556

JUNE 5, 1997 REV: 1

WD090019

#### 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 NO. 120 ATOKA INJECTOR SAN ANDRES

#### **WELL DATA**

**Net Pay** 70 ft 1,600 ft **Depth to Middle Perforation** Reservoir Pressure 500 psi Permeability .2 md **Porosity** 6 percent 5-1/2" 15.5 lb/ft J-Casing **Fracture Gradient** .95 psi/ft **Bottom Hole Frac Pressure** 1,520 psi **Bottom Hole Temperature** 88 deg F Perforated Interval 1,507 - 1,690 ft (202 holes)



#### **BJ SERVICES COMPANY**

# 120 BALLOUT ACTD

Treatment Requirements for:

ACID:

5,000 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:

350 GALLONS SATURATED BRINE

Containing per 1000 Gallons: 700.00 Pounds SALT-TRIMIX, DIVERTING AGENT

ADD SALT AT 2 PPG TO BRINE WATER ON THE FLY. PUMP 3 - 117 GAL STAGES.

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 -117 gal divertes stages spaced evenly throughout the next remainder of the acid.
- 4. Increase rate to 8 BPM and watch for diverter action. Increase rate and as necessary for diverting.
- 5. Pump remaining acid and flush.
- 6. Allow acid to spend.
- 7. Put well on injection.

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

Lab Test No: 11562

Pennzoil

Sample Date: 7/3/96

Lab Date In: 7/12/96

Lab Date Out: 7/19/96

Water Analysis

Listed below please find water analysis report from:

**ASAU** 

Prod. IPD

Specific Gravity: Total Dissolved Solids: 1.002 3327

pH:

7.10

Conductivity

(uohms):

Ionic Strength:

0.093

Cations: mg/l

> 571 (Ca++):Calcium 208 Magnesium (Mg++): 125 Sodium (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-): Sulfate (SO4--): 1781 Chloride 300 (Cl-):

<u>ppm</u> 10.00 Gases: Carbon Dioxide (CO2):

Oxygen

(O2):

Hydrogen Sulfide (H2S):

0.00

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

\1		3,	
Temperature		CaCO3 SI	CaSO4 SI
86F	30.0C	0.62	-2.60
104F	40.0C	0.97	-2.60
122F	50.0C	1.15	-2.60
140F	60.0C	1.30	-2.09
168F	70.0C	1.54	-0.98
176F	80.0C	1 77	0.72

#### Comments:

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

cc: Bill Polk

Laboratory Technician

Joe Hay



#### A Division of BJ Services Company

Lab Test No: 12717

Pennzoil

Sample Date: 9/5/96

Lab Date In:

9/17/96 10/14/96

0.20

Water Analysis

Lab Date Out:

Listed below please find water analysis report from:

**ASAU** 

Prod. H2O IPD

Specific Gravity:

1.119

Total Dissolved Solids:

166831

6.00

Conductivity (µmhos):

Hydrogen Sulfide (H2S):

Jonic Strength

2 956

	ionic Strength:		2.930			
Cations	:== <b>:=====</b> : ::	=======================================	<u>mg/l</u>	=======================================	.========:	==========
	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:	Carbon Dioxid	e (CO2):	<u>ppm</u> 60.00	Oxygen	(O2):	0.20

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

Oxygen

204.00

Temperature		CaCO3 SI	CaSO4 S
86F	30.0C	-0.22	-26.46
104F	40.0C	0.01	-26.46
122F	50.0C	0.29	-25.74
140F	60.0C	0.58	-25.02
168F	70.0C	0.92	-25.11
176F	80.0C	1.29	-25.83

Comments:

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

Sincerely,

cc: Bill Polk

(O2):

<del>Laboratory Technician</del>

Joe Hay

#### A Division of BJ Services Company

Lab Test No: 12718

Pennzoil

Sample Date: 9/5/96

Lab Date In:

9/17/96 10/14/96

Water Analysis

**ASAU** 

Lab Date Out:

Fresh H20 IPD

Specific Gravity:

1.003

Total Dissolved Solids:

Listed below please find water analysis report from:

4097

pH:

6.95

Conductivity (µmhos):

0.107

Ionic Strength

	Ionic Strength:		0.107				
Cations	:======================================	=======	<u>mg/l</u>	=======================================	=========	=======================================	=======
	Calcium	(Ca++):	560				
	Magnesium	(Mg++):	194				
	Sodium	(Na+):	447				
	Iron	(Fe++):	1.20				
	Dissolved Iron	(Fe++):					
	Barium	(Ba++):	0.20			•	
	Strontium	(Sr):					
	Manganese	(Mn++):	0.20				
	Resistivity:						
Anions	•						
	Bicarbonate	(HCO3-):	293			•	
	Carbonate	(CO3):	0				
	Hydroxide	(OH-):	0				
	Sulfate	(SO4):	2003				
	Chloride	(Cl-):	600				
Gases	=========	=======	<u>ppm</u>	==========	=======================================	=======================================	======
	Carbon Dioxide	e (CO2):	10.00		Oxygen	(O2):	1.00
	Hydrogen Sulfi	de (H2S):	0.00				

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

Tem	perature	CaCO3 SI	CaSO4 SI
86F	30.0C	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	80.0C	1.53	1.27

Comments:

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

cc: Bill Polk

Joe Hay Laboratory Technician

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, Geologis

## Affidavit of Publication

No.	15947	
-		

# 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 \_\_\_\_l\_\_consecutive weeks on the same day as follows: First Publication\_\_\_\_\_July 29, 1997 Second Publication\_\_\_\_\_ Third Publication Fourth Publication\_ 29th Subscribed and sworn to before me this day July \_\_\_\_ 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 Midland, Texas 50090. 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



#### **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.

Special Delivery Fee

Certified Fee

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**HE9** 

# Receipt for Certified Mail US Postal Service

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

Postage Jack & Corine Verhines Highland € 88201

0 PS Form 3800, April 1995

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse) 11 x Pat Netherlin

Street & Number Return Receipt Showing to Whom, Date, & Addressee's Address Special Delivery Fee Certified Fee Whom & Date Delivered Return Receipt Showing to Postage TOTAL Postage & Fees Postmark or Date Restricted Delivery Fee Four aintus Rd 49 Q 88210 35 0

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PS Form 3800, April 1995 TOTAL Postage & Fees

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US Postal Service

Receipt for Certified Mail

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