S _a bmit Tc Appropriate District Office Two Copies District 1				Ene		State of Ne Minerals and				ecurces		Form C-105 Revised August 1, 2011						
1625 N French Dr District II 811 S First St , An				Oil Conservation Division 30-015-39498														
District III 1000 Rio Brazos R District IV					122	20 South St	t. Fı	ranci	s D			2 Type of L STA	TE	☐ FEE		FED/IND	IAN	
1220 S St Francis	1220 S St Francis Dr , Santa Fe, NM 87505					Santa Fe, N						3 State Oil &)-1969		
	OR R	RECO	MPL	ETION RE	PO	RT A	NE	LOG		5 1 1		· · ·						
4 Reason for fil	C	ORT (Fill in	boxes #	f through	gh #31 :	for State and Fee	e well	ls only)			PIGLET 21 S	TATE	-		and the same	ED	
C-144 CLOS											/or	#2						
7 Type of Com	WELL [] workow	ER 🔲	DEEPE	NING	□PLUGBACI	· 🗆	DIFF	ERE	NT RESERV	OIR			NN	ioc	D AR	TESIA	
8 Name of Oper OXY USA WTP			i									9 OGRID 192463		or Unit Agreement Name ATE APR 11 2012 APR 11 2012 NMOCD ARTESIA ORIETA-YESO (O) – 96830 Feet from the E/W Line County 2283 E EDDY Ice) 17 Elevations (DF and RKB RT GR. etc.) 3626 GR 21 Type Electric and Other Logs Run PEX-HRLA GAMMA RAY SPECTROSCOPY (COMBO) SII) GRECORD AMOUNT PULLED sks TO SURFACE				
10 Address of O PO BOX 4294 HOUSTON, TX	•											11 Pool name ARTESIA G			SO (O)	- 96830		
12 Location	Unit Ltr	Section	T	Townsl	hip	Range	Lot		-	Feet from t	he	N/S Line	Feet	from the	E/W	Line	County	
Surface:	O	21		17S		28E	0			915		S	2283	3.	Е		EDDY	
BH:	,																	
13 Date Spudder 2/16/2012	2/21/2		ched	2/23/	2012	Released			3/2	6/2012		(Ready to Prod	RT GR. etc.) 3626 GR e ⁹ 21 Type Electric and Other Lo				6 GR	
18 Total Measur 5000	ed Depth (of Well		19 P 4944		k Measured Dep	oth		YE YE		iona	l Survey Made	,	PEX-H	RLA C	GAMMA	RAY	
22 Producing In 3658' - 3668				4782`	BLIN	EBRY			<u>'</u>							· · · · · · · · · · · · · · · · · · ·		
23						ING REC	OR	D (F			ring							
CASING SI 9 5/8"	ZE	WEIGH	T LB /F .TC 36			DEPTH SET 406'				LE SIZE 12 ¼"				CORD				
5 1/2"			TC 17					8 3/4"			1450							
		-						,										
24		·····		i	LINI	ER RECORD					25	L	UBII	NG REC	ORD			
SIZE	TOP		BOT	TOM		SACKS CEM	ENT	SCF	REEN	1	SIZ	ĽE	DI	EPTH SE		PACk	ER SET	
			ļ					ļ			2 7	7/8"	35	500'		<u> </u>		
26 Perforation	record (in	terval size	and num	her)				27	AC	TOH2 CI	ED	ACTURE CE	MEN	IT SOL	EEZE	ETC		
3658 – 3668		72 - 4782	ana nan	ioer,						INTERVAL	FKZ							
4132 – 4142 4518 – 4528 (RE	SHOT SA	ME ZONE)						See	att	achment								
4662 – 4672		•																
0 48' hole 5 SPI	300 noie	es					DD		TO	TION		<u> </u>						
28 Date First Produc	ction		Production	on Meth	nod (Flo	nv <i>ing, gas lift-pi</i>				TION)	Well Status	(Proc	d or Shu	'-m)			
03/26/2012												PROD			,			
Date of Test 04/01/2012	Hours 24	Tested	Chol NO	ke Size NE		Prod'n For Test Period		Oil 130	– Bb	ı	Gas 101	s – MCF						
Flow Tubing Press	Casing 75	Pressure		culated 2 r Rate	24-	Oil - Bbl			Gas	- MCF	1	Water - Bbl		Oil Gravity - API - (Corr) 34 deg API		1)		
29 Disposition o	f Gas <i>(Sol</i> e	d used for fi	iel vente	ed etc)									30 T	est Witn	essed B	Ву		
SOLD																		
31 List Attachm	ents														<u>-</u>			
32 If a temporar	y pit was u	sed at the we	ell attac	h a plat	with the	e location of the	temp	orary [oit				-					
33 If an on-site	ourial was	used at the v	vell repo	ort the e	xact loc	ation of the on-s	site bu	ırial										
, , ,	<i>C. d.</i>		, ,		1 .7	Latitude	<u></u>			. , .		Longitude	<u></u>	, .	-,-		AD 1927 1983	
I hereby certy	ry that th	ie informa	iion sh	iown o 	n both I	<i>i sides of this</i> Printed	jorn	n is ti	ие с	ana compl	ete	10 the best o	j my	knowle	age a	na belie	I	
Signature	//N/h	W OC	lla	AA	> 1	Name JENN	IIFE	R DU	JAR	TE Title	RE	GULATOR'	Y AN	NALYS	T D	ate 04/1	0/2012	
F-mail Addre	ec ienn	lifer duar	te@ov	vv.con	1													

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

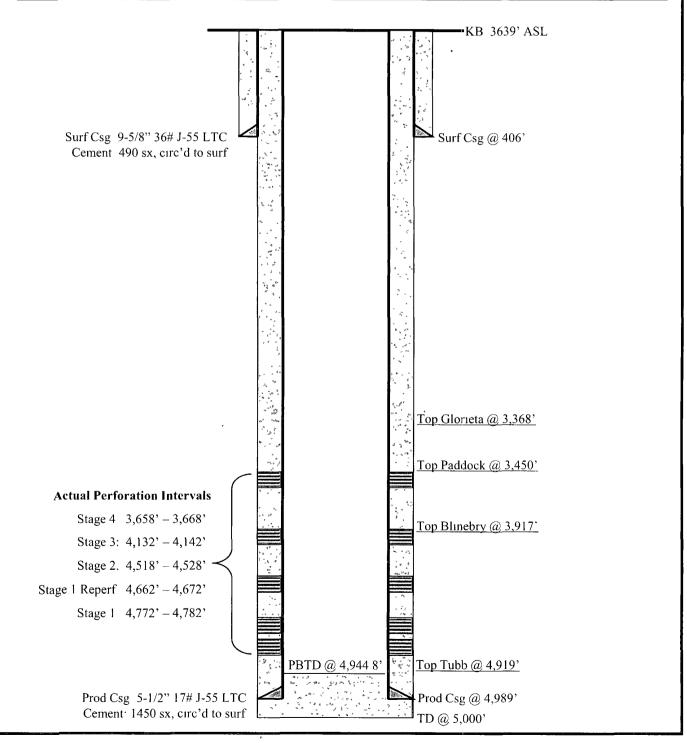
Southea	astern New Mexico	Northv	Northwestern New Mexico					
T Anhy	T Canyon	T Ojo Alamo	T Penn A"					
T Salt	T Strawn	T Kırtland	T Penn "B"					
B Salt	T Atoka	T Fruitland	T Penn. "C"					
T Yates	T Miss_	T Pictured Cliffs_	T Penn "D"					
T 7 Rivers	T Devonian	T. Cliff House	T Leadville					
T Queen	T Sılurian	T Menefee_	T Madison					
T Grayburg	T Montoya	T Point Lookout	T Elbert					
T San Andres	T Simpson_	T Mancos	T. McCracken					
T Glorieta3368'	T McKee	T Gallup	T Ignacio Otzte					
T Paddock 3450'	T Ellenburger	Base Greenhorn	T Granite					
T Blinebry 3917'	T Gr. Wash	T Dakota						
T Tubb4919'	T Delaware Sand	T Morrison						
T Drinkard	T Bone Springs	T Todilto						
T Abo	T	T Entrada						
T Wolfcamp	T	T Wingate						
T Penn	Т	T Chinle						
T Cisco (Bough C)	T	T Permian						
			OIL OR GAS					

						S	OIL OR GA ANDS OR ZO	
No. 1, from	to		No	3, from		to		
No 2, from								
		IMPOR	TANT WAT	ER SAND	S			
Include data on rate of	water inflow and el	evation to wl	nich water rose	in hole				
No 1, from		. to			feet			
No 2, from								
No. 3, from								
	LITHOLO							

From	То	Thickness In Feet	Lithology	Fı	om	То	Thickness In Feet	Lithology
						i		
								!

ob Date	nts History : PIGLET21-2 Remarks							
_	STAGE # 1 PERFORATIONS: RIH WITH 10' SCHLUMBERGER 4" POWER-JET OMEGA 4005, 5							
.,,	SPF, 38.8 GM CHARGES,0.48" EHD, 51.7" PENETRATION PERFORATING GUN. (PERFORATE							
	LOWER BLINEBRY 4772' TO 4782') POH WITH WIRELINE ALL SHOTS FIRED, (50 SHOTS							
	TOTAL) RD WIRELINE.							
	FRAC STAGE # 1 BREAKDOWN WAS 2204 PSI, PUMP 171296 GALS OF 20# BXL, 14868							
	GALS OF 20# LINEAR GEL AND 2500 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH							
	180,370 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 41 BPM AND AVERAGE WH							
	PRESSURE @ 2064 PSI AND THE SHUT DOWN ISIP WAS 1242 PSI.THE TOTAL LIQUID LOAD							
	TO RECOVER IS 4492 BBLS.							
	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/ 5-							
	1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 1 @ 4580', PULL UP HOLE AND							
	START PERFORATING FROM 4518' TO 4528' FOR A TOTAL OF 50 HOLES.							
	FRAC STAGE # 2 BREAKDOWN WAS 3247 PSI, PUMP 176208 GALS OF 20# BXL, 18648							
	GALS OF 20# LINEAR GEL AND 2250 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH							
	180,300 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 50 BPM AND AVERAGE WH							
	PRESSURE @ 2996 PSI AND THE SHUT DOWN ISIP WAS 1315 PSI.THE TOTAL LIQUID LOAD							
	TO RECOVER IS 4693 BBLS.							
	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/ 5-							
	1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 2 @ 4192', PULL UP HOLE AND							
	START PERFORATING FROM 4132' TO 4142' FOR A TOTAL OF 50 HOLES.							
	FRAC STAGE # 3 BREAKDOWN WAS 2251 PSI, PUMP 152766 GALS OF 20# BXL, 5208 GALS							
	OF 20# LINEAR GEL AND 2150 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH							
	180,200 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 60 BPM AND AVERAGE WH							
	PRESSURE @ 2082 PSI AND THE SHUT DOWN ISIP WAS 1303 PSI.THE TOTAL LIQUID LOAD							
	TO RECOVER IS 3797 BBLS.							
	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/5-							
	1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 3 @ 3718', PULL UP HOLE AND							
	START PERFORATING FROM 3658' TO 3668' FOR A TOTAL OF 50 HOLES.							
	FRAC STAGE # 4 BŘEAKDOWN WAS 1326 PSI, PUMP 152082 GALS OF 20# BXL, 4956 GALS							
	OF 20# LINEAR GEL AND 2016 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH							
	171200 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 53 BPM AND AVERAGE WH							
	PRESSURE @ 2049 PSI AND THE SHUT DOWN ISIP WAS 1355 PSI.THE TOTAL LIQUID LOAD							
	TO RECOVER IS 3787 BBLS.							
	DRILL OUT PLUGS AND CIRCULATED CLEAN TO PBTD 4960'.							
	RIH WITH 2 7/8" L-80 TUBING TO 3500'							

Occidental Oil & Gas Corp - Permian Primary - North NM/Terrell RMT									
Well: Piglet	iglet 21 State #2 API: 30-015-39498								
State New Mexico	County Eddy	T18S R28E, Sec 21	915' FSL & 2283' FEL						
Field Empire	TD 5,000'	PBTD 4,944 8'	KB 3,639' ASL						
· Casing Size	Grade/Weight	Depth	Cement						
9-5/8"	J-55 LTC / 36#	406'	490 sx, circ'd to surf						
5-1/2"	J-55 LTC / 17#	4,989'	1450 sx, circ'd to surf						



Piglet 21 State #2

Frac Details: 03/01/2012

Stage #1

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38 8 gm charges, 0 48" EHD and 51.7"

penetration @ 5 SPF on 72 degree phasing)

Perforations: <u>4,772'-4,782"</u>
Re-perforations. <u>4,662'-4,672'</u>
20# Cross Linked Gel· <u>171,296 gals</u>

20# Linear Gel: <u>14,868 gals</u> 15% HCl Acid: <u>2,500 gals</u>

Stage #2.

Perforation Gun: <u>4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51 7"</u> penetration @ 5 SPF on 72 degree phasing)

Perforations. 4,518'-4,528'

Re-perforations: 4,518'-4,528' (reperforated same zone – effectively 10 SPF now w/ 100 holes

over this interval)

20# Cross Linked Gel. 176,208 gals

20# Linear Gel: <u>18,648 gals</u> 15% HCl Acid. <u>2,250 gals</u>

Stage #3

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0 48" EHD and 51.7" penetration @ 5 SPF on 72 degree phasing)

Perforations: 4,132'-4,142'

Re-perforations. NA

20# Cross Linked Gel· 152,766 gals

20# Linear Gel 5,208 gals

15% HCl Acid. 2,150 gals (mistyped below)

Stage #4

Perforation Gun: <u>4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51.7"</u> penetration @ 5 SPF on 72 degree phasing).

Perforations. 3,658'-3,668'

Re-perforations: NA

20# Cross Linked Gel: <u>152,082 gals</u>

20# Linear Gel: <u>4,956 gals</u> 15% HCl Acid: <u>2,016 gals</u>

								T 5 4	T 5 6	T
				Cablus	hannan		I au a	Run 1	Run 2	Run
				96HIUI	berger		Oil Density	-		4
						-	Water Salinity	3400 ppm		
Company	Oscidon	tal Permia	n I td			DATA	Gas Gravity			
Company:	Occiden	tai Feiilla	II Ltu.				Bo	 		-
						₽¥Т	Bw 1/Bg			
Well:	Dialet 21	State #9	A/LIX			۵	Bubble Point Pressure			
		State #2					Bubble Point Temperature			+
Field:	Artesia (Glorieta-Y	eso)			_	Solution GOR	<u> </u>	 	
COUNTY:	Eddy			: New Me	vico		Maximum Deviation	 	 	
COUNTY.	Luuy		SIAIL	. INCAN INC	KICO		ŒMENTING DATA	·	-	
	Cement B	Bond Loa					Primary/Squeeze	Primary		†
		_					Casing String No	Timilery		
a (Glorieta-Yeso) SL & 2283° FEL 21 State #2 (VH) ental Permian Ltd	VDL / Map	p Image 🔠				_	Lead Cement Type			
		- 1				Volume		 	$\overline{}$	
orieta-Yesoj 2283' FEL tete #2 (VH Permian Li	Gamma F	ay / CCL				_	Density		 	
83 * mil	915" FSL & 22	983' F EL		Elev K.B	3638 00 ft		Water Loss		1	T
Orie 22 Pe		230 1 22		GL	3626 00 ft	_	Additives			
S S S S S S S S S S S S S S S S S S S										1
Eddy Artesia (Glorieta-Yeso) 915" FSL & 2283" FEL Piglet 21 State #2 (VH) Occidental Permian Ltd LOCATION				DF	3637 00 ft		Tail Cement Type			
	Permanent Da	atum <u>Gro</u> i	und Level	Elev <u>3626 (</u>	00 ft		Volume	· · · · · · · · · · · · · · · · · · ·		
	Log Measured	d From <u>Kelly</u>	1200 ft above Permi Datum			Density				
> - F	Drilling Measu	· · · · · · · · · · · · · · · · · · ·	/ Bushing				Water Loss			
	Dining measa						Additives		"	
Country Field Location Well Company	API Se	erial No SECTION		TOWNSHIP	RANGE					
४ ≷ ೭ %	30-016	5-39498	21	178	28E		Expected Cement Top		T	
Logging Date		1-Mar-2012				\mathbf{L}	Logging Date			
Run Number		One					Run Number			
Depth Driller		4944 ft				_	Depth Driller			
Schlumberger Dept		4925 ft					Schlumberger Depth			
Bottom Log Interva	<u> </u>	4918ft					Bottom Log Interval			
Top Log Interval		100 ft		·			Top Log Interval			
Casing Fluid Type		Fresh Water		· · · <u></u>			Casing Fluid Type			
Salinity		3400 ppm					Salinity			
Density		8.4 lbm/gal					Density			
Fluid Level	ILIO OTOULO	ļ				.	Fluid Level			1
BIT/CASING/TUBI	INGSTRING	7.075				4_	BIT/CASING/TUBING STRING			ļ
Bit Size		7 875 in				_	Bit Size	_		
From						_	From	_		
To C.		5.500				_	To			
Casing/Tubing Size	<u> </u>	5.500 in					Casing/Tubing Size			
Weight		17 lbm/ft					Weight	-		
Grade							Grade	 		
From							From			
To	-IT	115					To	 		
Maximum Recorded		115 degF 1-Mar-2012	9 30				Maximum Recorded Temperatures	 		
Logger On Bottom	Time						Logger On Bottom Time	 		
Unit Number	Location	2154 Roswe	en, ivi ivi				Unit Number Location Recorded By	 		
Recorded By		Kirt Gant					Mecoraea By Witnessed By			
Witnessed By		Ricky Terrazas		<u> </u>			vviinessed by	L		