Form 3160-4 (August 2007)



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

AUG 27 2008 CD-ARTESIA

FORM APPROVED OMB No 1004-0137 Expires July 31, 2010

BUREAU OF LAND MANAGEMENT OCDARTESIA
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	AAFFF	OIAILE	E HON C		COIN	FEETI	ON IN	LFORT	AND L	.03			MLC029			
la. Type of	Well 🔀		☐ Gas V lew Well	Well Moi	Dr.		Other Deepen	☐ Plug	Back	□ Diff. R	esvr	6 If	Indian, Al	lottee o	r Tribe Name	2
b. Type of	Completion		er					_			.0311.	7 0	nit or CA	Agreem	ent Name an	d No
COGO	2 Name of Operator Contact KANICIA CARRILLO COG OPERATING LLC E-Mail: kcarrillo@conchoresources com											F	ease Name POLARIS	B FED		
	550 WES MIDLAND	, TX 797	701				Ph:	432-685	5-4332	area code))		PI Well No		30-015-35	5930
4. Location	of Well (Re	oort locati	ion clearly an	id in acc	cordanc	e with Fe	deral req	uirements)*			10.	Field and F OCO HIL	ool, or LS:GL	Exploratory ORIETA, YI	ESO
	ice Lot E 3							-	02 0047	2 W Lan		11	Sec, T., R.	, M , or	Block and S 17S R30E	Survey
		•						,	03 9947	S VV LOIT			County or	Parish	13. Stat	e
14. Date S ₁ 05/27/2		E 330FN	15. D	ate T.D. /05/200	Reach		.99473 \	16 Date	Complet A	ed Ready to P	rod.	1	EDDY Elevations 36	(DF, K) 577 GL	B, RT, GL)*	
18, Total D		MD	5875			lug Back	T.D.:	MD 06/26		Ready to P		enth Br	idge Plug S		MD	
	•	TVD				Ü		TVD				•			TVD	
COMP	Tectric & Oth ENSATED N	NEUTRO	inical Logs R ON CCL	un (Sub	mit cop	by of each	1)		`		DST ru	red? n? Survey?	No No No	Yes	s (Submit ans s (Submit ans s (Submit ans	alysis) alysis) alysis)
23 Casing a	nd Liner Rec	ord <i>(Repo</i>	ort all strings	set in v	vell)								,			
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI		Bottom (MD)		Cementer Depth		of Sks & of Cement		ту Vol. ЗВL) 	Cement	Top*	Amount	Pulled
17.500		375 K55		Ļ		42				475				0		60
7.875		624 J55 500 J55	32.0 17.0			131 587				1000				0		195 192
7.075	5.	500 J55	17.0			367	-		 	1000	' 			- 0		192
•	1		 				-				1		1		<u> </u>	
24. Tubing Size	Depth Set (N	(D) D	acker Depth	(MD)	Size	I De	pth Set (1	MD) I	Pagkar Da	pth (MD)	Siz	a D	epth Set (N	(D) T	Packer Dept	th (MD)
2.875	<u> </u>	4733	acker Deptil	(IVID)	3120	. 100	pin set (i	(VID) I	acker De	pui (MD)	312	- D	eptii Set (iv	110)	1 acker Dept	II (IVID)
25 Produci	ng Intervals					12	6. Perfor	ation Reco	ord		-					
	ormation		Тор		Botte		Ì	Perforated			Size		No. Holes		Perf. Statu	ıs
A)		ÆSO ÆSO		4870 5200		5070 5400		·		O 5070 O 5400	-	0.410		6 OPE		
C)		(ESO		5510		5710				O 5710		0.410		8 OPE		<u></u>
D)				-		- 10				0 07 10				10.2		
	racture, Treat		ment Squeez	e, Etc.												
	Depth Interva		070 A OIDI7	- 1440 56		3 A O.D. E	·DAO 14/6			d Type of N			o # OIDED	25000	AND	
			070 ACIDIZE		_											
			710 ACIDIZI													
28. Product	ion - Interval	A										•				-
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga M		Water BBL	Oil Gr Corr		Gas Gravit		Produc	tion Method			
06/28/2008	07/06/2008	24		92 (213.0	290	I	38.8	Gravity	y		ELECT	RIC PU	MPING UNIT	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Ga Me		Water BBL	Gas O Ratio	nl .	Well S	tatus POW	ACCE	PTED	FOF	RECO	RD
28a Produc	tion - Interva	l il B	1	<u> </u>			L									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga M	is CF	Water BBL	Oil Gr Corr		Gas Gravit	y	Produc	tion Method AUG	2 3	2008	

701- D	district to											
Date First	duction - Inte	rval C Hours	Test	Oil	l Gos	Water	Oil Gravity	tz	Gas	Production Method		
Produced	Date	Tested	Production	BBL	Gas MCF	BBL	Corr API		Gravity	1 roduction intelling		
Choke Size	Tbg Press Flwg Sl	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status			
28c Prod	duction - Inter	rval D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API		Gas Gravity	Production Method		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status			
29. Disp	osition of Gas	(Sold, used	for fuel, ven	ted, etc.)	,	•						
	mary of Porou	ıs Zones (Iı	nclude Aquife	rs).					31. For	rmation (Log) Marke	ers	
tests,	v all importan including de ecoveries	t zones of p pth interva	porosity and c I tested, cushi	ontents ther on used, tim	eof. Cored ne tool oper	intervals an n, flowing a	d all drill-ster nd shut-in pre	n ssures				
	Formation		Тор	Bottom		Descript	ions, Contents	s, etc		Name	Top Meas. Depth	
			1210 1500 2100 2820 4330 5730	edure):						,		
	•											
33. Circle enclosed attachments. 1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Rep 5. Sundry Notice for plugging and cement verification 6. Core Analysi									3 DST Re 7 Other:	port	4. Directional Survey	
34. There	eby certify the	at the foreg				-	orrect as dete d by the BLM LLC, sent t			e records (see attach stem.	ed instructions).	
Nam	e (please prin	t) KANICI	A CARRILLO)		···	Tıt	Title PREPARER				
Signa	ature	(Electro	nic Submiss	ion)		 	Da	Date 08/14/2008				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM BB240

Energy, Munerals and Natural Resources Department

DISTRICT II

1301 W GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Form C-102

DISTRICT IV 1220 S ST. FRANCIS DR. SANTA FE. NM 8750	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT
AP) Number	Pool Code	Pool Name	
50-015-03930	96718	Loco Hills: Gloriel	a-Yeso
Property Code ·	Prop	erty Name	Well Number
302647	POLARIS	B FEDERAL	18
OGRID No.		ator Name	Elevation
2020 20	COG OPEI	RATING, LLC	3677'

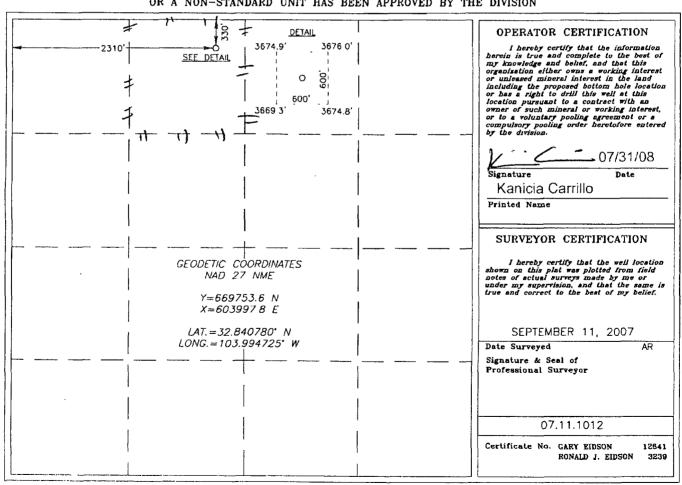
Surface Location

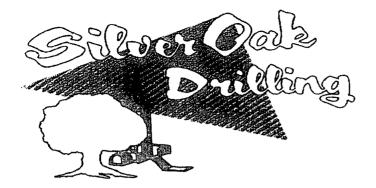
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	17	17-S	30-E		330	NORTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	s Joint o	r Infill Co	nsolidation (Code Or	der No.				
40									•

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





PO Box 1370 Artesia, NM 88211-1370 (575) 748-1288

June 13, 2008

COG, LLC Fasken Center, Tower II 550 West Texas Ave, Suite 1300 Midland, TX 79701

RE:

Polaris B Federal #18 330' FNL & 2310' FWL Sec. 17, T17S, R30E Eddy, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
293.00	1.00	3058.00	1.00
613.00	0.75	3343.00	1.00
858.00	0.75	3724.00	0.75
1118.00	1.00	4070.00	0.75
1308.00	1.00	4358.00	1.50
1412.00	0.25	4643.00	1.00
1729.00	0.25	4943.00	2.00
2046.00	0.25	5309.00	2.00
2330.00	1.00	5613.00	2.00
2742.00	1.00		

Very truly yours,

Eddie C. LaRue

Operations Manager

State of New Mexico } County of Eddy

The foregoing was acknowledged before me this 13th day of June, 2008.

Notary Public

