Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Evniree: January 31, 200

NA/ELI	COMPLE	TION OF	RECOMPI	ETION	DEDADT	ANDLOG
WELL	CUMPLE	EHON OI	K RECUIMPI	LETION	REPURI	AND LUG

	WE	LL (OM	PLI	ETIO	N OR RI	ECOMPLI	ETION	REPORT	AND	LOG				Serial No 98-0013		
la. Type o			Dil We	ell (√ Ga	s Well	Dry Ot	her 115	0CT _1 2	PM	1 29	_	6	. If Ind	ian, Allotte	e or Tribe Nam	ie
la Type of Well Oil Well Gas Well Dry Other 15 17 1 2 b. Type of Completion: Work Over Deepen Plug Back Diff							Diff.	Resvr.			ache Tribe		131				
				Othe	r				-REC	EIVE)		'	. Unit (or CA Agre	ement Name ar	id No.
2. Name o	of Operator	•						07	O FARL	HHGT	ONIEM			Lease	Name and	Well No	
Black Hills	Gas Resou	urces,	Inc												-02-05 No. 4		
3. Addres	ss								3a. Phone	No. (in	clude area	code)			Well No.		
3200 N. 1s	t PO Box 2	249 B	oomf	ield,	NM 87	413			505-634-1	111			1	039-293			
4. Location	n of Well (Repor	t loca	tion	clearly	and in acc	ordance with	Federal i	requirements)*						or Exploratory	
At sur	face 425'	ECI :	0. 125	י פפי	(SESI	E) I Init D							1		Pictured C	-	
711 341	1425	ISL	x 42 3	I LL	(SESI	s) Omit i								1. Sec.,	T., R., M.	, on Block and	Survey
At top	prod. inter	rval re	portec	i belo	w 42	5' FSL & 42	25' FEL (SES	E) Unit P						or A	rea Sec. 5, T	29N, R02W	-
													12	2. Count	y or Parish	13. State	
At tota	al depth 42	25' FS	L & 4	25' F	EL (SE	SE) Unit P			···				Rio	Arriba		NM	
14. Date	Spudded			15	. Date	T.D. Reach	ied		16. Date C				1'	7. Eleva	ations (DF,	RKB, RT, GL)	*
4/0/05				1	112/05				☐ D	&A ţ	Ready t ما کی است		KD.	7450	CI 74431		
4/9/05 18. Total	Denth: M	(D 3	862'	4/	12/05	10 D	lug Back T.I	D · MD 3	19261						GL 7443'	· · · · · · · · · · · · · · · · · · ·	
16. I Çiai		VD 3	002			19. Г	iug Dack 1.1	TVD	0630		20. Dept	h Bridge 1	riug Sei		VD		
21. Type E	lectric & C	Other 1	Mecha	nica	Logs	Run (Subm	it copy of eac	ch)			22. Was	well cor	ed?	✓ No		(Submit analy	sis)
							••					DST run		No		(Submit report	
Induction	Log, Dual	Space	d Neu	itron	Log						Dire	ctional Su	rvey?	₩ No		(Submit copy)	,
23. Casing	and Line	r Rec	ord (R	epor	all str	ings set in w	ell)										
Hole Size Size/Grade W		Wt. (Wt. (#/ft.) T		op (MD)	Bottom (M	(D) Stag	ge Cementer		of Sks. &	Slurry		Cem	ent Top*	Amount P	ulled	
	1				<u> </u>		·		Depth	<u> </u>	of Cement	(BB	L)				
12-1/4"	8-5/8	"	24	4lb	+	0'	263'				75 sx				urface		
	+														rire to		
7-7/8"	5 1/2	.	1.5	£ 11.	+	0'	20541				.00				urface		
1-1/8"	5-1/2		15.	.5 lb	+	<u> </u>	3854'	-			80 sx				urface		
					+					 					urface		
24. Tubing	Record							<u>-</u>				L			urrucc	<u> </u>	
Size	Depth	Set (MD)	Pac	ker De	pth (MD)	Size	Dept	th Set (MD)	Packer	Depth (MD)	I Si	ze	Dent	h Set (MD)	Packer Dept	h (MD)
2-3/8"	-	3803'				7		1				1		1200	561 (1.1.2)	- Lucitor Bopt	(
25. Produc	ing Interva	als		<u> </u>				26.	Perforation	Record		1					
	Formatio	n	-	Т	T	OP	Bottom		Perforated l	nterval		Size	No. F	loles	•	Perf. Status	
A) Pictured	Cliffs				3732'		3814'	37	3732'-42, 3750'-60',)4'-14' 4		12	:0	Open		
B)																*	
C)																	
D)																	
27. Acid, I			ent, C	emen	t Sque	eze, Etc.											
I	Depth Inter	val		4					A	mount a	nd Type of I	Material					
3814'-3732'				52	1 MSC	F N2, 69,700	LBM proppan	t									
				+													
			`	+													
28 Produc	ction - Inte	rval A			-												
Date First	Test	Hour		Test		Oil	Gas	Water	Oil Grav	ity	Gas	Pro	duction l	Method			
Produced	Date	Teste		Produ	ction	BBL	MCF	BBL	Corr. AF		Gravity				AAPATE		ODE
6/11/05	5/10/05	2	4				411						ducing	A	CUEPIE	D FOR REC	UND
Choke Size	Tbg. Press. Flgw.	Csg.	.	24 H Rate	r.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Statu	ıs		1			
-	SI			ſ	ا ر	-		-			Flowing			Į	NOV	U 9 2005	
28a. Produ	ction - Inte	rval B					 	L			1- 10 17 11 15			\dashv			
Date First	Test	Hour	s	Test		Oil	Gas	Water	Oil Grav		Gas	Pro	duction M	lethod	BY_d//	IUM FIELU Üİ	FILE
Produced	Date	Teste	a	Prod	uction	BBL	MCF	BBL	Corr. AP	ı	Gravity			1		<u> </u>	
Choke	Tbg. Press.	Call		24 H	 r.	Oil	Gas	Water	Gas: Oil		Well Stat	us L				NED)	
Size	Flwg	Press	· [Rate		BBL	MCF	BBL	Ratio			-			MMOC	JU .	

28b. Produ	ction - Inte	rval C										
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. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status				
28c. Produ	ction - Inte	rval D		<u> </u>		.						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity				
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status			
29. Dispos	ition of Ga	s (Sold use	ed for fuel, v	ented, etc	c.)							
Show tests,	all import	ant zones	Include Aquof porosity and tested, cu	and conte	nts thereof: d, time tool o	Cored intervopen, flowing	als and all drill-sten and shut-in pressure	ո	tion (Log) Markers			
Form	rmation Top Bo				Desc	riptions, Con	tents, etc.		Name	Top Meas. Depth		
	•								Nacimiento	2265		
									Ojo Alamo	3354		
			1						Kirtland	3575		
									Fruitland	3653		
			ļ				·*		Pictured Cliffs	3732		
			-						1 totalog Cililo	3732		
32. Additi	onai remari	ks (include	plugging pr	oceaure):								
1 Ele		chanical Lo	: ogs (1 full se ng and ceme			Geologic Rep Core Analysi		•	Directional Survey			
34. I herel	oy certify th	nat the fore	going and a	ttached in	formation is	complete and	correct as determine	d from all avai	ilable records (see attached inst	ructions)*		
Name	(please pri	nt) Agatha	Snell				Title			,		
Signat	ure <u></u>	2 all	2 م	<u> </u>			Date	- 27-0	2			
Title 18 II	S.C. Section	n 1001 or	d Title 42 I	ISC \$20	tion 1212	also it a anima	o for any narrow !		116-11	Cal. III		

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 fraudulent statements or representations as to any matter within its jurisdiction.