Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FOR APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR REC	OMPLETION REPORT AND LOG
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					MINEFORT AND	LOG	555° (	5. Lease Serial N			
1	C 11 1		1				<u> 2005 f</u>	UG NMSF 07	3931 <b>D</b> 26		
la. Type o	f Well f Completion:	☑ New		Dry Other k Over Deepen	✓ Plug Back	Diff. Resvr.		6. If Indian, Allot	tee or Tribe Name		
		Other					07	7. Unit or CA Ag	eement Name and	l No.	
2. Name of	•				<del></del>	·		8. Lease Name an	d Well No.		<del></del>
		DRILLING (						CALLOW	#1G		
<ol><li>Address</li></ol>	C/O WALS	SH ENGINE	ERING & PR	OD. CORP.	3a. Phone No. (	include area co	de)	9. API Well No.	#10	<del></del>	
7415 EA	ST MAIN S	T., FARMIN	GTON, NM 8	37402	(505) 327-48		,	30-045-32	164		
4. Location	of Well (Repor	t location clearl	y and in accorda	mce with Federal requ	irements)*		······································	10. Field and Poo			
At Surfa	ce 835' FS	L & 1915' FI	EL		·			BASIN DA	-		
								11. Sec., T., R., M., on Block and Survey or Area SEC 33 T29N R13W			
								12. County or Par		13. State	
14 5 6								SAN JUA	N	NM	
14. Date Sp		15. Date T.D.			Completed		<del></del>	17. Elevations (D		i ivivi	
3/9/2		3/19	/2005		D&A 🔽 Ready	y to Prod.	7/15/2005	5727' GR			ı
18. Total D 6415'	epth: MD	19. F 6374	Plug Back T.D.:	MD		20. Depth Br	idge Plug Set:	MD TVD	NONE	<del></del>	
21. Type E	lectric & Other	Mechanical Logs	Run (Submit co	py of each)	22 Was	well cored?	✓ No 「				
IND	UCTION LO	OG, DENSIT	Y LOG, TEM	PATURE LOG			✓ No C	Yes (Submit anal	• ,		
			ŕ		1	ctional Survey?			,		
23. Casing	and Liner Reco	rd (Report all str	inos set in well)		Dite	chonar survey?	L. No	Yes (Submi	copy)		
Hole Size	Size/Grade	Wt. (#/ft.)	T	P-+ (2.00)	T a. =	Т"			· · · · · · · · · · · · · · · · · · ·		
	Dizz Grade	Wt. (#/1t.)	Top (MD)	Bottom (MD)	Stage Cementer Depth		No. of Sks.		Slurry Vol.	Cement	Amount
12 1/4" 8 5/8" 24		SURFACE	335'	NONE	255 SX (301)	Type of Cem 255 SX (301 cu. ft.)		(BBL)	Top*	Pulled	
						255 831 (501)	ou. It.)		54.0	SURFACE	
7 7/8"	4 1/2"	10.5	SURFACE	6315'	2824	1st stage 440	SX (1131 cu. 1	A )	202.0	CIDETOE	
							00 SX (404 cu		72.0	SURFACE	
							SX (1092 cu.		195.0		
24 77 1:	<u></u>						0 SX (100 cu.		18.0		
24. Tubing Size	Depth Set	(MD) T Pac	ker Depth (MD)	C:	T 2 4 6 6 7						
2 3/8"	6211		ker Depth (MD)	Size	Depth Set (MD)	Packer De	epth (MD)	Size	Depth Set (MD)	Packer De	oth (MD)
25. Produci	ng Intervals		<del></del>		26. Perforation Record	<u> </u>					····
	Formation		Тор	Bottom	Perforated Int		Size	No. Holes	D. C.C.		·
A) BASIN I	DAKOTA		6019'	6260'	6019' - 626				Perf. 8t	7 8	
B)								40	13	4	<del>/</del>
C)											<del>//</del> /
D)	··-·		<u> </u>						St.	P 2005	
27. Acid, F		ent, Cement Sque	eze, Etc.								
Depth Interval 6019' - 6260' 1410 bbls 20# CROSSI INKED GET				Amo	ount and Type of	f Material		3 V4 CC	MS. DIV.	4	
	0019 - 0200	<u>,</u>	1410 bbls 20# 0	CROSSLINKED GEL	, AND 120,000# OF 20	/40 OTTAWA	SAND	1	DIS	TO DIV.	37
<del></del>										٠. ي	S
	<del></del> .		<del> </del>		<del></del>				( S)		87
28. Product	ion - Interval A					<del></del>	·		Cb2c	200 21 22 2	<i>y</i>
Date First	Test	Hours	Test	Oil Gas	Water	Oil Gravity	Gas	Droduction M	ash and	المالية المالية	
Produced	Date 7/14/2005	Tested	Production	BBL MCF	BBL	Corr. API	Gravity	Production M	emoa		
Choke	7/14/2005 Tbg. Press.	Csg.	24 Hr.	Oil Gas	Water	C 63	111.00	FLOWING	ACCENTE	D. F.C	
Size	Flwg.	Press.	Rate	BBL MCF	Water BBL	Gas : Oil Ratio	Well Statu SI	is	ACCEPTE	U TUH H	CURL
20- 7- 1	SI	1200		Ll					1		
Date First	tion - Interval B Test	Hours	Test	loi lo	1117	1-42			SEP	0.5 200	15
Produced	Date	Tested	Production	Oil Gas BBL MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production M	hod		
Choke	The Dress	Can					Gravity		FARMING	UM FIELD (	UFFICE
Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil Gas BBL MCF	Water BBL	Gas : Oil	Well Statu	s	BYC		
	SI					Ratio					
(See instruct	ions and spaces	for additional a	lata on reverse s	ide)							

Date First Test Production   District Production   BBL   MCF   BBL   Oil Gravity   Grax   Production Method    Choke   The First   Csg.   24 Hr.   Rate   BBL   MCF   BBL   Rate   BBL   Rate   BBL   Rate    28. Production - Interval D   Production   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BIOUS   Test   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BIOUS   Test   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BIOUS   Test   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BIOUS   Test   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BIOUS   Test   BBL   MCF   BBL   Corr API   Gravity    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   Corr API    Date First   Test   BBL   MCF   BBL   MCF   BBL   MCF   BBL   MCF   BBL    Date First   Test   BBL   MCF   BBL   MCF   BBL   MCF   BBL   MCF   BBL    Date First   Test   Corr API   Gravity   Gas   Coll   McS   Corr API    Date First   Test   Corr API   Gravity   Gas   Coll   McS   Corr API    Date First   Test   Corr API   Gravity   Gas   Coll   McS   Corr API    Date First   Test   Corr API   Gravity   Gas   Coll   McS   Corr API    Date First   Test   Corr API   Gravity   Gas   Coll   Gas   Corr API   Gravity   Gas   Coll	28b. Production	n - Interval C											
Production Date Tested Production   BBIL   MCF   BBIL   Got Gravity   Gast Cort APF   Greatly   Production Method      Cloke   Tig Frest   Csg				- 1-	12.								
Piwes   Press   Pres	Produced Da	ate				ı			1	Production Method			
Date First   Test   Hours   Test   Oil   O	Size Fi	lwg.	1 -		6				Well Status				
Date First   Test   Hours   Test   Oil   O	28c. Production	ı - Interval D	<del></del>										
Producted Date Tested Production BBL MCF BBL COT. API Gravy  Choke Tbg Press. CSg. 24 Hr. BBL GGs Water Size Five Press. Rate BBL MCF BBL GGs Water Size Five Press. Rate BBL MCF BBL GGs Gravy  29. Disposition of Cas (Sold. steel for feel, vented. etc.)  SHUTTIN, WAITING ON PIPELINE CONNECTION  30. Summary of Protoux Zones (Include Aquifery).  Formation Top Borton Descriptions, Contents, etc.  Formation Top Borton Descriptions, Contents, etc.  Name Tressures  Alignment and recoveries.  BASIN DAKOTA 6619 6260'  BASIN DAKOTA 6619 6260'  20. Additional remarks (include plugging procedure).  31. Formation (Leg) Markers  SIRTLAND FRUITLAND PIPELINES CLIFFS C	Date First Te		Hours	Test	Oil	Gas	live	1011 = 1					
Size Flvg. State F										saddion McMod			
29. Disposition of Gas (Sold, lazed for fuel, vented, etc.)  SHUTIN, WAITINO ON PIPELINE CONNECTION  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem teas, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Tromation (Log) Markers  **RIFILAND**  Formation Top Bottom Descriptions, Contents, etc. Name Tromation (Log) Markers  **RIFILAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FRUITLAND**  FORMED CLIFFS CLIFF HOUSE MEMBEREE POINT LOOKOUT MANCOS GAILLUP DAKOTA  **OALUP**  DAKOTA*  32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments  1. Electrical Mechanical Logs (I full set reqd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notices for plugging and cement verification 6. Core Analysis 7. Other:  **Other Core Analysis 7. Other:**	Size Fly	wg.	_		I	i i			Well Status				
SHUTIN, WAITING ON PIPELINE CONNECTION  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  TR  Meas.  KIRTLAND  RIUTILAND  PRUTITLAND  PRUTITLAND			used for fu	iel, vented, etc.)					[				
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Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Costents, etc. Name To Meas.  KIRTLAND FRUITLAND FRUITLAND FRUITLED CLIFFS CLIFF FOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP DAKOTA  3. Circle enclosed attachments  1. Electrical/Mechanical Logs (1 full set reqd.) 5. Sundry Notices for plugging and cement verification 6. Core Analysis 7. Other:  4. Directional Survey	30. Summary of	Porous Zone	s (Include	Aquifers):			·		21 5				
BASIN DAKOTA 6019 6260'  Basin Dakota 6019 626	resis, menuam	ig depth interv	of porosity a	and contents the	ereof: Cored into ne tool open, flo	ervals and all drill- owing and shut-in p	-stem pressures		Ji. Polinauc	on (Log) Markers			
BASIN DAKOTA  6019  6260'  KIRTLAND FRUITLAND PICTURED CLIFFS CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP DAKOTA  3. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req4.) 5. Sundry Notices for plugging and cement verification 6. Core Analysis 7. Other:  4. Directional Survey	Formation	n	Тор	Bottom		Description	na Contonta etc		<del>-  </del>		T		
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3. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Survey  5. Sundry Notices for plugging and cement verification  6. Core Analysis  7. Other:									MANCOS GALLUP	KOUT	3924' 4209' 5119' 6019'		
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4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	1. 1 5. S	Electrical/Me Sundry Notice	chanical Lo	ogs (1 full set re ing and cement	eq'd.) t verification	Geologic     Core Ana	Report alysis		rt 4. 1	Directional Survey			
	I. I hereby certify	y that the fore	going and	attached inform	nation is comple	te and correct as de	etermined from a	ll available recor	ds (see attached ins	structions)*			
Name (please print) Paul C. Thompson, P.E. Title Agent	Name	ne (please prin	nt) <u>Pa</u>	aul C. Thompso	on, P.E.			Title <u>A</u>	gent				
Signature Paul C Thomps - Date 8/25/2005	Signa	ature	Yan	16-	Thom	//	<del></del> _	Date 8.	25/2005				
ritle 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 tates any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	tle 18 U.S.C. Sec	ction 1001 and	d Title 43 U	J.S.C. Section 1	1212, make it a	crime for any perso	on knowingly and	l willfully to mak	e to any departmen	it or agency of the United			