Form 3160-5			1.4		ons. Divis	-	
November 1994)]	UNITED STATES 1625 N. French Dr. DEPARTMENT OF THE INTERIOHODDS, NM 88240 BUREAU OF LAND MANAGEMENT			FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996		
	SUNDR	Y NOTICES AND REF		VELLS		5. Lease Serial NM-01410	
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			<u> </u>	lottee or Tribe Name			
SI	UBMIT IN TR	IPLICATE - Other Ins	tructions on	reverse sid	6	7. If Unit or CA	VAgreement, Name and/or l
1. Type of Well Gas Well Gas Well Other					8. Well Name a	und No. 19 Federal No. 1	
2. Name of Operator Gruy Petroleum Management Co.				9. API Well No			
Ba. Address P.O. Box	140907 Invin			No. (include area code)		30-025-35982 10. Field and Pool, or Exploratory Area Quail Ridge; Morrow 11. County or Parish, State	
		., T., R., M., or Survey Descript					
	& 1650' FEL						
Unit J, Se	c. 19 T19S R	34E				Lea Co. NM	
12	2. CHECK AP	PROPRIATE BOX(ES)	TO INDICAT	E NATURE	OF NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SU	JBMISSION			TYPE	OF ACTION		
Notice of In	tent	Acidize	Deepen		Production (Start	/Resume)	Water Shut-Off
Subsequent		Alter Casing	Fracture		Reclamation		and an
	кероп	Casing Repair Change Plans			Recomplete		OtherSet surface & intermediate casing
Ginal Aband	ionment Notice	Convert to Injection	Plug and Plug Ba	i Abandon 🖵	Temporarily Ab Water Disposal	andon	intermediate casing
05-20-03	J-55 casing	7-1/2" hole at 6:00 am to TD 444.' Cemented	with 340 sx l	lead Premiur		+ 4% Gel + 2	% CaCl + 1/4#
	r locele per a	sx. Tailed with 150 sx					F. Circulated
05 05 00	210 sx to su	rface. WOC 20 hours.			•		
05-25-03	210 sx to su Reached TD	rface. WOC 20 hours.) of 12-1/4" hole at 11:1	5 am CST. I			asing to 3052.	Cemented with lead
05-25-03	210 sx to su Reached TD	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	5 am CST. 1 er sx. Tailed	with 200 sx		asing to 3052.	Cemented with lead
05-25-03	210 sx to su Reached TD	rface. WOC 20 hours.) of 12-1/4" hole at 11:1	5 am CST. 1 er sx. Tailed	with 200 sx		asing to 3052.	Cemented with lead
05-25-03	210 sx to su Reached TD	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	5 am CST. 1 er sx. Tailed	with 200 sx		asing to 3052.	Cemented with lead
	210 sx to su Reached TD	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	5 am CST. 1 er sx. Tailed	with 200 sx		asing to 3052.	Cemented with lead CaCl + 1/4# Flocele FOR RECORD
05-25-03 ,	210 sx to su Reached TD	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	5 am CST. 1 er sx. Tailed	with 200 sx		asing to 3052. cement + 1% ACCEPTED	Cemented with lead CaCl + 1/4# Flocele FOR RECORD
	210 sx to su Reached TD	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	15 am CST. I er sx. Tailed llated 259 sx	with 200 av	Premium Plus WOC 26.5 hou	asing to 3052. cement + 1% ACCEPTED JUN GARY	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003
÷	210 sx to su Reached TD 935 sx Interf per sx. Burr	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Eleccle a:	5 am CST. 1 er sx. Tailed	with 200 sx	Premium Plus WOC 26.5 hou	asing to 3052. cement + 1% ACCEPTED JUN GARY	Cemented with lead CaCl + 1/4# Flocele FOR RECORD
14. I hereby certif	210 sx to su Reached TD 935 sx Interf per sx. Burn fy that the foregoin d/Typed)	rface. WOC 20 hours. o of 12-1/4" hole at 11:1 fill "C" + 1/4# Flocele pen nped with 1630#. Circu	15 am CST. I er sx. Tailed llated 259 sx	with 200 sx to surface. 10 20 21 22 2 10 20 20 20 20 2 10 20 20 20 2 10 20 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 20 20 20 20 20 20 20 20 20 20 20	Premium Plus WOC 26.5 hou	asing to 3052. cement + 1% ACCEPTED JUN GARY	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003
14. I hereby certif Name (Printe	210 sx to su Reached TD 935 sx Interf per sx. Burn fy that the foregoin d/Typed)	rface. WOC 20 hours. o of 12-1/4" hole at 11:1 fill "C" + 1/4# Flocele pen nped with 1630#. Circu	15 am CST. I er sx. Tailed llated 259 sx	with 200 sx to surface. 10 20 21 22 2 10 20 20 20 20 2 10 20 20 20 2 10 20 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 2 10 20 20 20 20 20 20 20 20 20 20 20 20 20	Premium Plus WOC 26.5 hou	asing to 3052. cement + 1% ACCEPTED JUN GARY	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003
14. I hereby certif Name (<i>Printe</i> Natalie K	210 sx to su Reached TD 935 sx Interf per sx. Burn fy that the foregoin d/Typed)	rface. WOC 20 hours. of 12-1/4" hole at 11:1 fill "C" + 1/4# Flocele per nped with 1630#. Circu	15 am CST. I er sx. Tailed llated 259 sx	with 200 sx to surface. www.sco to 2021222 www.sco to 2021222 to 202122 to 202122 to 202122 to 202122 to 202122 to 202122 to 202122 to 20212 to 2021 to	Premium Plus WOC 26.5 hou	asing to 3052. cement + 1% ACCEPTED JUN GARY PETROLET	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003
14. I hereby certif Name (Printe Natalie K Signature	210 sx to su Reached TD 935 sx Interf per sx. Burn fy that the foregoin d/Typed)	rface. WOC 20 hours. o of 12-1/4" hole at 11:1 fill "C" + 1/4# Flocele per nped with 1630#. Circu ng is true and correct Kulger HIS SPACE	E FOR FEDEF	with 200 sx to surface.	Premium Plus WOC 26.5 hou on Assistant 1, 2003	asing to 3052. cement + 1% ACCEPTED JUN GARY PETROLET	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003
14. I hereby certif Name (Printe Natalie K Signature	210 sx to su Reached TD 935 sx Interf per sx. Burn fy that the foregoin dTyped) (rueger add dryped) (rueger add dryped) (rueger	rface. WOC 20 hours. o of 12-1/4" hole at 11:1 fill "C" + 1/4# Flocele per nped with 1630#. Circu ng is true and correct Kulger HIS SPACE	E FOR FEDEF	with 200 sx to surface.	Premium Plus WOC 26.5 hou on Assistant 1, 2003	asing to 3052. cement + 1% ACCEPTED JUN GARY PETROLET	Cemented with lead CaCl + 1/4# Flocele FOR RECORD 1 7 2003

Gruy Petroleum Management Co. Magnum Hunter Production, Inc. Well History May 20, 2003 Thru May 27, 2003

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OPERATED

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QUAIL RIDGE

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GRUY PETROLEUM M		W.I. Pct BCP 96.71 %
76732 MESCALERO 1		W.I. Pct ACP 96.71 %
LEA, NM	19-T19S-R34E	Morrow / 14,500'
05/20/2003	Depth 61	
	Progress 0	
AFE: 22043	Present Operation: Preparing to Spud	
	Location staked by Basin Surveys on 5/13/2002 - 1,980' FSL & 1650' FEL of Sec Lea County, New Mexico. B&H Construction built location, pits & road from 4/3 Abbott Brothers set 20" conductor pipe at 38' FGL & cemented with 3 3/4 yds. re mouse holes on 5/9/2003 to 5/10/2003. Akome, Inc. plastic lined & fenced reserv JWS put water in reserve pit to hold down the plastic on 5/11/03. MIRU Patterson 5/19/2003. Welded flow nipple onto conductor pipe - mixed spud mud - preparin	80/2003 to 5/2/2003. ady mix - dug rat & re pit on 5/11/2003 - n- UTI Rig # 75 on
05/21/2003	Depth 444 Progress 383	
AFE: 22043	Present Operation: NU BOP & Choke Manifold	
	Drill from 61' to 247' (Spud a 17 1/2" hole at 6:00 AM (CDT) 5/20/2003) Service 244' to 444' TD (Reached TD of 17 1/2" hole at 12:45 PM (CDT) 5/20/2003) Circl POOH - LD BHR, shock sub & bit RU casing crew & run 13 3/8" casing (See Ca wash down 13 3/8" casing - 40' of fill from 404' to 444' & circulate to clear casing (Lead) 340 sx Prem. Plus Cement + 4% Gel + 2% CaCl + 1/4# Flocele per sx, (Ta 2% CaCl - plug down & bumped with 500# at 6:37 PM (CDT) 5/20/03 - circulate R. Denny w/ the BLM witnessed job WOC & cut off 20" conductor pipe - jet & c casing & weld on a 13 3/8" SO X 13 5/8" 3,000# Braden Head & test to 500# - 400 + 100	culate Drop Totco @ 444' = 10 & sing Detail) RU Halliburton & g Hall. cemented 13 3/8" csg. ail) 150 sx Prem. Plus Cement + ed 210 sx cement to surface - Larry clean steel pits Cut off 13 3/8"
05/22/2003	Depth 1,221 Progress 777	
AFE: 22043	Present Operation: Drlg	
	NU BOP & choke manifold Test BOP blind rams, choke manifold, well head & 1 pump to 1,000# - OK PU & TIH with Bit # 2, BHA & DC's - tagged up on cemer rams, choke manifold, well head & 13 3/8" casing with rig pump to 1,025# - OK float collar, cement & shoe from 388' to 444' Drill from 444' to 558' (88 RPM moto - 10K to 20K bit wt.) back on formation at 12:30 PM (CDT) 5/21/2003 Service ri 871' (88 RPM motor - 40 RPM rotary - 10K to 20K bit wt.) WLS @ 794' = 1/20 I 1,221' (88 RPM motor - 40 RPM rotary - 10K to 20K bit wt.)	nt at 388' Test BOP pipe Drill cement, plug, otor - 40 RPM rotary ig Drill from 558' to
05/23/2003	Depth 1,976	
AFE: 22043	Progress 755 Present Operation: Drlg	
	Drill from 1,221' to 1,349' (88 RPM motor - 40 RPM rotary - 10K to 35K bit wt.) Service rig Drill from 1,349' to 1,818' (88 RPM motor - 40 RPM rotary - 10K to 1,741' = 3/40 Drill from 1,818' to 1,976' (88 RPM motor - 40 RPM rotary - 10K to	30K bit wt.) WLS @
05/24/2003	Depth 2,930 Progress 954	
AFE: 22043	Present Operation: Drlg	
Wednesday, 11 June, 2003	MESCALERO 19 FEDERAL 1	1

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.:		Drill from 1,976' to 2,324' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Service rig WLS @ 2,237' = 1 1/40 Drill from 2,324' to 2,799' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) WLS @ 2,721' = 3/40 Drill from 2,799' to 2,943' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.)
05/25/2003		Depth 3,466 Progress 536
AFE:	22043	Progress 536 Present Operation: TIH with BHA
		Drill from 2,943' to 3,243' (88 RPM motor - 40 RPM rotary - 10K to 40K bit wt.) Service rig WLS @ $3,166' = 10$ Drill from 3,243' to 3,466' (88 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) - RU Davis Fluid Caliper at 3,456' & apparently the bag of oats used for the fluid caliper plugged off & sheared the DP screen - DP screen fell down hole - made connection at 3,466' & motor was plugged with DP screen WLS @ $3,421' = 1$ 1/40 & to check if DP screen went all the way to the motor - it did Trip out of hole - found DP screen in top of motor - LD motor - checked bit - OK - PU bit sub & TIH with Bit # 2 & BHA
05/26/2003		Depth 3,502
AFE:	22043	Progress 36 Present Operation: NU BOP & Choke Manifold
		TIH with Bit # 2 - tagged up on fill at 3,409' Wash & ream 57' of fill from 3,409' to 3,466' Drill from 3,466' to 3,502' TD (Reached TD of 12 1/4" hole at 11:15 AM CDT 5/25/2003) - ran Davis Fluid Caliper - it will take 1,881 ft.3 of cement to circulate to surface with 9 5/8" casing set at 3,502' Pump 100 Bbl. 36 Vis. sweep & circulate bottoms up Drop Totco @ 3,456' = 1 1/20 & POOH standing back DP Service rig RU laydown machine & POOH LD DC's, IBS, BHR & Bit # 2 RU casing crew & run 9 5/8" Casing (See Casing Detail) RU Halliburton & wash 54' of fill from 3,448' to 3,502' & circulate to clear casing Hall. cemented 9 5/8" csg. (Lead) 935 sx Interfill "C" + 1/4# Flocele per sx, followed by (Tail) 200 sx Premium Plus Cement + 1% CaCl + 1/4# Flocele per sx - plug down & bumped with 1,630# at 2:24 AM (CDT) 5/26/03 - circulated 259 sx cement to surface - Kathy Haston w/ the BLM witnessed job ND & PU BOP - set 9 5/8" casing slips in 120,000# - cut off 9 5/8" casing - install a 13 5/8" 3,000# X 11" 5,000# "B" Section well head spool & test to 3,000# - OK - NU BOP & choke manifold