er en state		N.N	A. Oil Cons. Divi	sion		
	•	162	5 N. French Dr.			
Form 3160-5 (November 1994)	UNITED STATES HODDS, NM 882 DEPARTMENT OF THE INTERIOR			O FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996		
BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS				 Lease Serial No. NM 056376 If Indian, Allottee or Tribe Name 		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.						
SUBMIT IN TR	RIPLICATE - Other Instru	ictions on re	verse side	7. If Unit or	CA/Agreement, Name and/or No.	
Oil Well Gas Well	Cther Cther		8. Well Name and No.			
2. Name of Operator Gruy Petroleum Manag	jement Co.			Mescalero 30 Federal No. 2 9. API Well No.		
3a. Address P. O. Box 140907 Irvir	972-40	3b. Phone No. (include area code) 972-401-3111		30-025-36040 10. Field and Pool, or Exploratory Area		
4. Location of Well (<i>Footage, Sec</i> 1200' FSL & 1980' FW	c., T., R., M., or Survey Description /I)			Quail Ridge; Morrow 11. County or Parish, State	
N-30-19S-34E			Lea Co. NM			
12. CHECK AI	PPROPRIATE BOX(ES) TO) INDICATE N	ATURE OF NOTICE, R	REPORT, OR	OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
Notice of Intent		Deepen	Production (Star	· · · · · · · · · · · · · · · · · · ·	Water Shut-Off	
Subsequent Report	Alter Casing Casing Repair	Fracture TreaNew Constru			Well Integrity Cother Set Surface &	
Final Abandonment Notice	Change Plans Convert to Injection	Plug and AbaPlug Back	ndon 🔲 Temporarily Al		Intermediate Casing	
testing has been completed. F determined that the site is ready 7-11-03 Spudded a 17 cement + 4%	inal Abandonment Notices shall b	Ran 13-38/" ca cele per sx.	asing to 445.' Cemente Tailed with 150 sx Prer	a new interva lamation, have be d with lead c nium Plus Ce	ement + 2% CaCl.	
	ising to 3525.' Cemented					
	s Cement + 2% CaCl pers C 19.25 hours.	sx. Plugged d	own and bumped with	1382# and ci	rculated 275 sx cement to	
		24.25.25			TED FOR RECORD	
14. I hereby certify that the foregoin Name (Printed/Typed) Natalie Krueger	ng is true and correct		noco Netroduction Assistant		ARY GOURLEY OLEUM ENGINEER	
Signature	man	E	Date July 22, 2003			
	THIS SPACE F	OR FEDERAL	OR STATE OFFICE US	E		
Approved by			Title	Da	te	
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant to	al or equitable title to those right	e does not warrant s in the subject le	or Office ase			
Title 18 U.S.C. Section 1001, mak fraudulent statements or representat	es it a crime for any person know	ingly and willfully	to make to any department o	r agency of the U	Jnited States any false, fictitious or	
	WW JUL 31	2003		<u> </u>		

Gruy Petroleum Management Co. Magnum Hunter Production, Inc. Well History July 11, 2003 Thru July 17, 2003

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OPERATED

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QUAIL RIDGE

		ANAGEMENT CO		W.I. Pct BCP 50.00 %
	ESCALERO 3	0 FEDERAL COM 2		W.I. Pct ACP 50.00 %
LEA, NM			1200'FSL & 1980'FWL Sec 30, T19S, R3	Morrow / 13,500'
07/11/2003		Depth	61	
		Progress	0	
AFE:	22046	Present Operation: I	Preparing to Spud Well	
		Lea County, New Me Abbott Brothers set 2 mouse holes on 6/30/ water in reserve pit to	asin Surveys on 2/4/2002 - 1,200' FSL & 1980' FWL of Service. B&H Construction built location, pits & road from 6/ 0" conductor pipe at 38' FGL & cemented with 3 3/4 yds. r 03 & 7/8/03. Akome, Inc. plastic lined & fenced reserve pi hold down the plastic on 7/9/03. MIRU Patterson-UTI Rig nto conductor pipe - mixed spud mud - preparing to spud y	25 to 6/30/03 & 7/8/03. eady mix - dug rat & : on 7/9/03 - JWS put ; # 75 on 7/10/03.
07/12/2003		Depth	445	
		Progress	384	
AFE:	22046	-	Welding on Bradenhead	
		248' to 445' TD (Read POOH - LD BHR, sh threads on cement he sx Prem. Plus Cemen plug down & bumped w/ the BLM witnesse	(Spud a 17 1/2" hole at 6:00 AM (CDT) 7/11/2003) Servic ched TD of 17 1/2" hole at 5:00 PM (CDT) 7/11/2003) Circ ock sub & bit RU casing crew & run 13 3/8" casing (See C ad - finally got it installed & circulated to clear casing Hall t + 4% Gel + 2% CaCl + 1/4# Flocele per sx, (Tail) 150 sx with 425# at 11:55 PM (CDT) 7/11/03 - circulated 210 sx d job WOC & cut off 20" conductor pipe - jet & clean steel 3 5/8" 3,000# Braden Head	sulate Drop Totco @ 445' = 1/40 & asing Detail) RU Halliburton - bad cemented 13 3/8" csg. (Lead) 340 Prem. Plus Cement + 2% CaCl - cement to surface - Pat Hutchings
07/13/2003		Depth Progress	1,050 605	
AFE:	22046	Present Operation: 1		
		choke manifold, 13 3. test - OK - Pat Hutchi at 392' Test BOP Hyd pump - OK Drill cem (88 RPM motor - 40 J	iden head & test head to 500# - OK NU BOP & choke mar /8" casing & well head to 725# for 30 mins. with rig pump ings with the BLM witnessed the test PU Bit # 2, BHA & 7 hril, choke manifold, 13 3/8" casing & well head to 700# fc ent, plug, float collar, cement & shoe from 392' to 445' Dri RPM rotary - 10K to 20K bit wt.) back on formation at 8:3 20 Drill from 815' to 1,050' (88 RPM motor - 40 RPM rota	- OK - ran accumulator TH - tagged up on cement r 10 mins. with rig Il from 445' to 815' 0 PM (CDT) 7/12/2003
07/14/2003		Depth Progress	1,777 727	
AFE:	22046	Present Operation: 1		
		no reading Service rig (88 RPM motor - 40 I	,290' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt g WLS @ 1,210' = 10 - (Teledrift @ 1,210' = 1/20) Drill fr RPM rotary - 10K to 30K bit wt.) Teledrift @ 1,210' = 1/20 r - 40 RPM rotary - 10K to 30K bit wt.)	om 1,290' to 1,606'
07/15/2003		Depth Progress	2,900 1,123	
Monday, 21	July, 2003		MESCALERO 30 FEDERAL COM 2	1

AFE:	22046	Present Operation: Drlg
	* .	Drill from 1,777' to 2,017' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Teledrift @ 1,971' = 1 1/20 Drill from 2,017' to 2,175' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Service rig Teledrift @ 2,095' = 1/20 - WLS @ 2,095' = 10 Drill from 2,175' to 2,492' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Teledrift @ 2,446' = 10 Drill from 2,492' to 2,840' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Teledrift @ 2,794' = 1/20 Drill from 2,840' to 2,900' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.) Teledrift @ 2,794' = 1/20 Drill from 2,840' to 2,900' (88 RPM motor - 40 RPM rotary - 10K to 30K bit wt.)
07/16/2003 AFE:	22046	Depth3,525Progress625Present Operation:CIRC
		Drill from 2,900' to 3,059' (88 RPM motor - 40 RPM rotary - 15K to 35K bit wt.) Service rig Drill from 3,059' to 3,280' (88 RPM motor - 40 RPM rotary - 15K to 40K bit wt.) Teledrift @ 3,234' = 20 Drill from 3,280' to 3,312' (88 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) WLS @ $3,224' = 3$ 1/40 Drill from 3,312' to 3,525' TD (88 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) (Reached TD of 12 1/4" hole at 5:30 AM CDT 7/16/2003) ran Davis Fluid Caliper - it will take 1,758 ft.3 of cement to circulate to surface with 9 5/8" casing set at 3,525' Pump 100 bbl. viscous sweep & circulate Base of Salt @ $3,271'$ KB by drill rate
07/17/2003		Depth 3,525 Progress 0
AFE:	22046	Present Operation: Strapping DCs & BHA Circulate Drop Totco @ 3,525' = 2 1/40 & POOH standing back DP RU laydown machine & POOH LD DC's, IBS, BHR, Teledrift sub, motor & Bit # 2 Service rig RU casing crew & run 9 5/8" casing (See Casing Detail) RU Halliburton - wash 6' of fill to 3,525' TD & circulate to clear casing Hall. cemented 9 5/8" csg. (Lead) 850 sx Interfill "C" + 1/4# Flocele per sx, followed by (Tail) 200 sx Premium Plus Cement + 2% CaCl per sx - plug down & bumped with 1,382# at 6:42 PM (CDT) 7/16/03 - circulated 275 sx cement to surface - Pat Hutchings w/ the BLM witnessed job ND & PU BOP - set 9 5/8" casing slips in 122,000# - 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 Test BOP, choke manifold & associated equipment with Man Welding Service to 5,000# - OK - Pat Hutchings w/ the BLM witnessed the test Strap DC's & BHA