Budget Bureau No. 1004-0137 (November 1983) SUBMIT IN DUPLICATES UNITED STATES (formerly 9-30) Expires August 31, 1985 (Sec other in-DEPARTMENT OF THE INTERIOR structions on 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT AMMENDED NM-18455 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND/LOG* 1s. TYPE OF WELL: HAR WHILL X 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: WELL XX WORK OVER PITG BACK DIFF. BESVE. S. PARM OR LEASE NAME Other 2. NAME OF OPERATOR Federal 9. WELL NO. Mesa Grande Resources, Inc. 3. ADDRESS OF OPERATOR Atencio #1

10. FIELD AND POOL, OR WILDCAT 1200 Philtower Building, Tulsa, Oklah 1. LOCATION OF WELL (Report location clearly and in accordance with in State Wildcat S. Rlanco 11. SEC., T., R., M., OR BLOCK AND BURY OR AREA DEC 13 1984 1653.23' FNL and 975.56' FWL At top prod. interval reported below OIL CON. DIV Sec. 32-T23N-R1W, Unit E At total depth same DISTATSISSUED 13. STATE 12. COUNTY OR PARISH Sandoval New Mexico 17. DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 16. DATE T.D. REACHED 19. ELEV. CABINGHEAD 18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 7438.00 GR 12/6/82 12/26/82 8/31/84 7440.00 GR 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD IF MILTIPLE COMPL. 23. INTERVALS CABLE TOOLS ROTARY TOOLS HOW MANT DRILLED BY 4830 Surf to TD None 24. PRODUCING INTERVAL(8), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE Pictured Cliffs 2899-2926 Yes 26. TYPE ELECTRIC AND OTHER LOGS BUN 27. WAS WELL CORED Dual Induction, CNL and Mud Log No 28. CASING RECORD (Report all strings set in well) CABING BIZE WEIGHT, LB./FT DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 8-5/8" 26# 303.3' 12-1/4" 233 cu.ft. Class B cemen DV tool @ 3254'; 2 stages of cement 4-1/2" 10.50# 5499.31 7-7/8" 50/50 Class B and POZ Mix A, plus 2nd: 258 cu.ft. Gel. 1st; 210 cu. ft. -LINER RECORD TUBING RECORD 30 SCREEN (MD) SIZE TOP (MD) BOTTOM (MD) SACKS CEMENTS SIZE DEPTH SET (MD) PACKER BET (MD) 2-3/8" None 2871 2934,07' 31. PERFORATION RECORD (Interpal, Mize and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2899-2907, 2920-2926 one shot per foot 2988-2907,2920-26 1000 gals.7½%HCI; N2 foam frac. w/32,000 hsld.70 quality foam & 35,000# 20-40 sand. PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or 9/5/84 Flowing SI DATE OF TEST WATER-BBL. HOURS TESTED CHOKE BIZE PROD'N. FOR OIL--BBL. GAS-MCF. GAS-OIL RATIO 9/22/84 1/2" 8 hours ·n-30 N/A FLOW. TURING PRESS. CABING PRESSURE OIL GRAVITY-API (CORR.) CALCULATED GAR-MCF. WATER--HBL. OIL-BBL. 24-HOUR RATE 10# 150# -0-90 -0-

*(See Instructions and Spaces for Additional Data on Reverse Side)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

One Attachment which is a continuation of 28.

35 LIRT OF ATTACHMENTS

SIGNED.

Geochemist

Vented

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

TITLE

TEST WITNESSED BY

Ron Sorrow

DATE = 12/10/84

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES SUBMIT DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(Sec other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-18455
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL CO	MPLETION	OR	RECO	MPLET	ON	REHARTS	AN	ID-LOC	* F23	6. IF INDIAN	, ALLO	TTRE OR TRIBE NAME
1a. TYPE OF WEI	L: OH.		GAS WELL	Δ	RY 🗌	0004	. (IS II V	5	7 UNIT AGR	EEMEN	T NAME
b. TYPE OF COM	PLETION: WORK DEI OVER EN	ер- []	PLUG DACK	DIFF	vin.	Other	CT	0 4 198	l	FARM QR	LEASE	NAME
2. NAME OF OPERA										Federa		
3. ADDRESS OF OPE							DI	DN. D ST. 3	IV.	9. will No.	. "	1
1200 Phil	tower Buil	ding	, Tulsa	, Okla	homa	74103		நக்கூ				L, OR WILDCAT
4. LOCATION OF WE	LL (Report locati 53.23' FNL							ite) • ***			R., M.,	OR BLOCK AND BURVEY
	terval reported be		same)ST -91				OR AREA		22N D1U U-4+ E
At total depth	same			BUI	REAU C	OF U KD -	¥ +	수 호텔생활		Sec.	JZ-1	23N-RlW, Unit E
				14. PE	RMÎT NO		DATE	ISSUED		12. COUNTY PARISH Sando		New Mexico
15. DATE SPUDDED	16. DATE T.D. F	EACHE	D 17. DATI	E COMPL.	(Ready t	to prod.) 18	. ELE	VATIONS (DE	, RKB, I	Sando		BLEV. CASINGHEAD
12/6/82	12/26/		8/3	1/84				38.00				7440.00 GR
20. TOTAL DEPTH, MD			CT.D., MD A	TVD 22	HOW M	LTIPLE COMPL.	•	23. INTER	RVALS LED BY	ROTARY TOO		CABLE TOOLS
7795 24. PRODUCING INTER	RVAL(S), OF THIS	5154 COMPL	ETION— TOP	, BOTTOM,	NAME (MD AND TVD)		<u> </u>	> !	Surf to		None None None Number Made
Pictured (Cliffs 289	99-29	926								.	Yes
26. TYPE ELECTRIC	AND OTHER LOGS	RUN								<u>1</u>	27. W	VAS WELL CORED
Dual Indu	ction, CNL	and	Mud Lo	g								No
28. CASING SIZE	WEIGHT, LB.	TT.	CASI			port all string	s set i		ENTING	RECORD		AMOUNT PULLED
8-5/8"	26#			3.3'	12-	1/4"	23	3 cu. f	t. C	lass B ce	men	
							DV	tool @	325	4'; 2 sta	iges	of cement
4-1/2"	10.50i	/ <u>+</u>	549	9.3'	7-	·7/8"						A, plus nd: 258 cu. ft.
29.		LINER	RECORD		'		· GC	30.		UBING RECO		<u>14. 250 Cd.</u> 1 C.
SIZE	TOP (MD)	вотто	OM (MD)	SACKS CE	MENT*	SCREEN (M	D)	SIZE	I	DEPTH SET (M	D)	PACKER SET (MD)
None								2-3/8"		4858		2934.07'
31. PERFORATION REC	BRB (Interpol, 16	FF GHA	unimper)			82.	AC	CID, SHOT,	FRACT	URE, CEMEN'	r squ	EEZE, ETC.
2899-2907	, 2920-2926	i one	e shot i	ner fo	o.t	DEPTH IN						MATERIAL USED
2077-2707	, 2720-2720	, Care	s shot j	per ro	06	2988-29	07,	<u> 2920-26</u>				HCI; No foam fra
						ļ				32,000 ga 35,000# 2		70 quality foam
RS.*	ION BBON	CTION	METHOD (F	louping ag		DUCTION umping—size	and t	upe of num	o)	writer.	STATE	s (Producing or
9/5/84		Lowin			.⇒yy p			/ Paint			t-in)	SI
DATE OF TEST	HOURS TESTED		HOKE SIZE	PROD'N		OIL-BBL.		GAS-MCI	۴.	WATER-BBL	"	GAS-OIL RATIO
9/22/84	8 hours	RE C	1/2"	01LE		Ø GAS	MCF	30	WATER-	Ø	OH. 0	N/A BAVITY-API (CORB.)
10#	150#		-HOUR BATI	G (Ø	†	90	1		Ø	0	N/A
34. DISPOSITION OF G		· fuel, v	ented, etc.)							_ 	SED B	
26 Time on Lawrence	MENTS			V	ented					Ron So	FED	WFOR RECORD
One attacl	ments nment which	ı is	a cont:	inuati	on of	28.				ACCE		6 4 0 0A
36. I hereby certify							ect a	s determine	d from	all available 1	ecords	10:13
SIGNED	asous C	thil	lyp	TI	rle _	Geochem	ist			DATI	9/	28/84SOURCE AREA
	Yry R. Ph		os /			A 1 1000 1 1	<u> </u>	. D	C+ 1	- FA!	<u>Drien</u>	7
(/ // *(Ste	e Instr	uctions ar	id Space	es tor A	Additional	Vata	ı on Kever	biC se	e) ·	300	<i>12</i>

37. SUMMARY OF PORG drill-stem, tests, inc recoveries):	OUS ZONES: (t	SUMMARY OF POROUS ZONES: (Show all important zones of porosity drill-stem, tests, including depth interval tested, cushion used, time recoveries):	w +	38. GEOL	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	Ь
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH
		!		Ojo Alomo	•	2604
-				Kirtland		2758
				Fruitland		2864
•				Pictured Cliffs	· · · · · · · · · · · · · · · · · · ·	2887
-				Lewis		3007
				Chacra-La Ventana	æ	3871
				Cliff House		7690
				Menefee		4732
				Point Lookout	· · · · · · · · · · · · · · · · · · ·	5161
				Mancos		5361
				Gallup		6260
				Greenhorn		7360
				Graneros		7409
				Dakota		7516

			•			

MESA GRANDE RESOURCES, INC. 1200 PHILTOWER BUILDING TULSA, OKLAHOMA 74103 (918) 587-8494

Well Completion or Recompletion Report and Log

ATTACHMENT

28. First Stage Interval: 5499'-4801' (by wireline) Second Stage Interval: 3254'-2508' (by wireline)

Plugs: Plug 1: 7560'-7460'; 30 cu. ft. 50/50 Class B and POZ mix A cement plus gel, salt and gilsonite mix.

Plug 2: 6277'-6177'; 30 cu. ft. of cement as above.