Form 9–331	SE/yer
	Form Approved. / / Budget Bureau No. 42–R1424
Dec. 1973 UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE NM 28304
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NARECEIVED
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME FEB 24 1982
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME HELEN FED COM O. C. D.
1. oil gas X other	
well well other	9. WELL NO. ARIESIA, OFFICE
2. NAME OF OPERATOR MESA PETROLEUM CO.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	UNDESIGNATED PECOS SLOPE ABO
1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) AT SURFACE: 990' FNL & 330' FWL	SEC 1, T7S, R25E
AT TOP PROD. INTERVAL:	CHAVES NEW MEXICO
AT TOTAL DEPTH: SAME	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	······
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3702' GR
TEST WATER SHUT-OFF	
	(NOTE: the pert results of multiple completion or zone 1982 charge on Form 9-330.)
CHANGE ZONES DIL & C ABANDON* U.S. GEOLOGIC (other) TD, 4 1/2" CSG & CEMENT SOSWELL, NEW	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 7 7/8" hole to TD of 4412' on 2-5-82. Ran 110 jts 4 1/2", 10.5#, K-55 casing set at 4412'. Cemented with 550 sx "C" + 5# KCL + 3/10% HALAD-4 + 2/10% CFR-2. PD at 11:30 PM 2-5-82. Cement did not circulate. Released rig at 6:00 AM 2-6-82. WOCU estimated to arrive 2-15-82.

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, REM, PARTNERS, ROSWELL, FILE Subsurface Safety Valve: Manu. and Type______ Set @______ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R.P. Mart	TIREGULATORY C	OORDINATOBATE	FEBRUARY S	9, 1982
	(This space for Federal or S	itate office use)	······	
APPROVED BO FOR RECORD CRIDCIONS OF GHADIMAN ANY	TITLE	DATE		
FEB 1 8 1982				· · ·
U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	*See Instructions on R	everse Side		

Form 9–331 Dec. 1573	Form Approved. Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE 월 1 월 1 월 2 월 7 년
DEPARTMENT OF THE INTERIOR	NM 28304
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRRECEMED
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
	FEB 2 4 1982
(Do not use this form for proposals to drill or to deepen on buy back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 🖂	HELEN FED COM O. C. D.
well well X other	9. WELL NO. ARTESIA, OFFICE
2. NAME OF OPERATOR	
MESA PETROLEUM CO. /	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	UNDEISGNATED PECOS SLOPE ABO
1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) at surface: 990' FNL & 330' FWL	<u>SEC 1, T7S, R25E</u>
AT SURFACE: 990' FNL & 330' FWL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH: SAME	CHAVES NEW MEXICO
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO.
REPORT. OR OTHER DATA	
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3702' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3702 GR
FRACTURE TREAT	
SHOOT OR ACIDIZE	
PULL OR ALTER CASING	(NOTE: Hepprt results of multiple completion or zone 1982 Annage on Form 9-330.)
	1302
CHANGE ZONES	
ABANDON' 5/8" cca & compart U.S. GEOLOGIC	ALSURVEY
(other) O 570 CSY & Cemeric ROSWELL, NEW	/ MEXICO

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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12 1/4" hole to 1770'. Hit water from 1440' to 1650' at 200 BPH. Ran 41 jts 8 5/8", 24#, K-55 casing set at 1770'. Cemented with 750 sx HLW + 1# flocele + 4% CaCl, 300 sx Thixset + 4% CaCl, and tailed in with 300 sx "C" + 2% CaCl. PD at 9:00 AM 2-3-82. Circulated 400 sx. Tested BOPs and casing to 600 psi for 30 mins. - held OK. Reduced hole to 7 7/8" and drilled ahead on 2-4-82. WOC total of 18 hours.

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, REM , PARTNERS, ROSWELL, FILE Subsurface Safety Valve: Manu. and Type ______ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED ACCEPTED TOPOLOGIA	TIREGULATORY COORDINATO	DBATE	2-4-82	
ROGER A. CHAPMAN	(This space for Federal or State office use)		· · · · · ·	
APPROVED BY FEB 16, 1987	TITLE	DATE .		
U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	See Instructions on Reverse Side			

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE NM 28304
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME EIVED
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen by plug back to a diff	erent
(Do not use this form 9–331–C for such proposals.)	
1. oil gas well other	9. WELL NO.
2. NAME OF OPERATOR MESA PETROLEUM CO. / 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME UNDESIGNATED PECOS SLOPE ABO
 ADDRESS OF OF LIKETOR 1000 VAUGHN BUILDING/MIDLAND, TX 79701-449 LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 	e 17 AREA
below.)	
AT SURFACE: 990' FNL & 330' FWL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE CHAVES NEW MEXICO
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOT REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3702' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF TEST WATER SHUT-OFF	ระราสุก
SHOOT OR ACIDIZE	(NOTE: heport results of multiple completion or zone offanze on Form 9–330.) 5 1982
ABANDON*	DIL & GAS DLOGICAL SURVEY L, NEW MEXICO

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded well with 17 1/2" hole on 1-29-82. Hit FW at 450' at 10 BPH increasing to 25 BPH at 730'. Drilled to 894' and ran 18 jts 13 3/8", 48#, H-40 casing set at 703' (casing stuck). Cemented with 700 sx HLW + 1# Flocele + 4% CaCl, 300 sx Thixset + 4% CaCl, and tailed in with 300 sx "C" + 2% CaCl. PD at 3:00 AM 1-31-82. Cement did not circulate. Ran temp survey. TOC at 300'. Set eight plugs with a total of 1050 sx Thixset + 4% CaCl plus 5 yds of gravel to circulate cement. Blew hole dry and waited one hour - no fluid. Reduced hole to 12 1/4" and drilled ahead on 2-1-82. WOC total of 39 hours.

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, REM, PARTNERS, ROSWELL, FILE Subsurface Safety Valve: Manu. and Type_______ Set @______ Ft.

18. I hereby certify that the foregoigg is true and correct

SIGNED R. P. Math	TITLE REGULATORY COORDINATOR	2-4-82
ACCEPTED FOR RECORD	(This space for Federal or State office use)	
ROGER A. CHAPMAN	TITLE DATE	
FEB 1 1 1000		
U.S. GEOLOGICAL SURVEY ROSWELL NEW ASSACT	*See Instructions on Reverse Side	

Form 9-331 C (May 1963)		CONS. COMMI CO FED STATE	S	Other instr (Other instr reverse	LICATI ructions on side)	E* Form appro Budget Burg	ved. au No. 42-R14
<i>.</i>	DEPARTMEN	F OF THE		RIOR	ć	5. LEASE DESIGNATIO	N AND SERIAL N
ADDUCATIO					DACK	NM-28304 6. IF INDIAN, ALLOTT	EE OR TRIBE NAL
1a. TYPE OF WORK	N FOR PERMIT	IO DRILL,	DEEP	EN, OK PLUG	BACK	-	
	ILL XX	DEEPEN		PLUG BA	ACK 🗌	7. UNIT AGREEMENT	NAME
b. TYPE OF WELL OIL WELL	VELL X OTHER			INGLE MULT	HPLE	8. FARM OR LEASE N	AME
2. NAME OF OPERATOR						Helen Fed (Com
MESA PETROLEU	JM CO. 1/					9. WELL NO.	
	Bldg./Midland. T	exas 7970	1-449		2	10. FIELD AND POOL,	OR WILDCAT
At surface	Bidg./Midland, T Report location clearly and		ith any f	State requirements.*))1	- ≺ Undesignate	ed ABO
990' FNL & 33	30' FWL NW NW/4	-		DEC 1 0 19	21	11. SEC., T., B., M., OL AND SURVEY OR	BLK. AREA
At proposed prod. zo: Same	ne			0. C. D.		Sec 1, T7S	R25F
	AND DIRECTION FROM NEA	REST TOWN OR POS	ST OFFIC	- 27		12. COUNTY OR PARIS	-
	th/Northeast of	Roswell, N				Chaves	New Me
15. DISTANCE FROM PROP Location to neares property or lease	T LINE, FT.	30'/330'	16. NO	D. OF ACRES IN LEASE	17. NO. ТО Т	OF ACRES ASSIGNED THIS WELL 160	
(Also to nearest dr) 18. DISTANCE FROM PROD	g. unit line, if any) POSED LOCATION*		19. PF	ROPOSED DEPTH	20. ROTA	ARY OR CABLE TOOLS	
TO NEAREST WELL, I or applied for, on th	RILLING, COMPLETED,	N/A		4400'		Rotary	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	······			÷	22. APPROX. DATE V	
3702' GR						January 21	, 1982
	1			O CEMENTING PROG	RAM		
17 1/2"	13 3/8"	WEIGHT PER F		SETTING DEPTH		QUANTITY OF CEM	ENT
11"	8 5/8"	24#		1600'		ISOLATE WATER	, OIL & G
7 7/8"	4 1/2"	10.5#		4400'		COVER ALL PAY	
set 8 5/8" ca total depth. Gas Sales are xc: USGS (6) IN ABOVE SPACE DESCRIBE zone. If proposal is to preventer program, if an	Drilling mediu e Dedicated. , TLS, CEN RCDS proposed program: If p drill or deepen directiona	ple up RAM m will be , ACCGT, M	type air, EC, L	AND, PARTNERS	hole to as requ , FILE, present prod	o 7 778" and c ired. 331 REM, ROSWELL	Irill to Active Active Seed new produce
24. SIGNED R. P.	Martino		PLE	REGULATORY CO	ORDINAT	DR 11-2	4-81
(This space for Fede	ral or State office use)	,					
PERMIT NO.)		APPROVAL DATE			
APPROVED BY		ти	rle			DATE	
CONDITIONS OF APPROV	JAMES A. GILLHAN		uctions	On Reverse Side		: 1	· :·

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

P. O. BOX 2088

ANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

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Mess Petroleum Co. Relen receril com Difficiency 1. 7 South 25 East Convert 900 testions at Vill. 900 testions at Vill. 900 testions at Vill. Dedicated Arresper 900 testions the North North North 930 Testiman West Million 910 testions the North North North North Base of Million Dedicated Arresper 910 during the arrespe Million Post Million Arresper 910 durine the arrespe dedicated to the well, outline cach and identify the ownership thereof (both as to working interest and repuls). If more than one lease is dedicated to the well, autilian cache and identify the ownership thereof (both as to working interest and repuls). 911 more than one lease of different awnership is dedicated to the well, have the interests of all owners been consolidated to cance arrespect the ownership thereof (both as to working interest and repuls). 911 more than one lease of different awnership is dedicated to the well, have actually been consolidated. (Use reverse side of this fam if necessary). 912 Marcellawide to owners and tract descriptions which have actually been consolidated. (Use reverse side of this fam if necessary). 912 Marcellawide to woll away test at all therests have been consolidated. (Use reverse side of this fam if necessary). 912 Marcellawide to woll away test at all			All distances a					Well No.
Data by Series Tension Description Charges circl Posture Lemann of Value 25 East Charges circl Posture Lemann of Value 330 for them the West Inc. Charges grand Level Circ. Proof. Massing Level time. West Inc. 3702 ABO Undestignated Desticed Accesser. 3702 If more than one lease of different ownership in dedicated to the well, have the interests of all owners been consolidated by communitization, interest and royalty). 3.1 If more than an lease of different ownership in dedicated to the well, have actually been consolidated. (Use reverse side of this form if necessary.) Mark are in "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allocable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form if necessary.) No allocable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form if necessary.))µerolor M	erolor			ral Com		1	
D 1. 7 South 25 East Chayes 990 test term the NOTCH income Post 330 test term the West Income Post Material Strength Control of Not Post 3700 Pressure pression ABD Post Defended Accesser Millio Access 1. Outline the accessed dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally). It more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yest No If answer is "not" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminsting such interests, has been approved by the Division for a domester to the base of any head-domester on the list form if a domestic to the base of any head-domester on the list of any head-domester on the list of any head-domester on the list of any head-dome and base of any head-domester on the list of any list of any head-domester on the list of any list of any head-domester on any list any list of any list of any list of any list o				1	lange	County		
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990 tent ten the Molth Determination Post diversify formation Wildon Accesses 3702 Protecting formation Undesignated Determination 1. Outline the accessing dedicated to the subject well by colored pencil or hachare marks on the plat below. 2. If more than one lense is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally). 3. If more than one lense of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If more than one lense of different ownership is dedicated to the well, have actually been consolidated. (Use reverse side of this form if necessary). 14 more than one lense of othe well until all interests have been consolidated (by communitization, unitization, force-pooling, etc? 15 form if necessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division 7 6 W - 28304. U.S.A. 930 U.S.A. 930 Vates et al. 940 Sec. 1, T.7 S., R.25 E., N.M.P.M. 940 Sec. 1, T.7 S., R	Iciual l'astage	Lucation of Well:	_				Vicet	line
Book Name Undesignated NM 160 3702 ABO Undesignated NM 160 1. Outline the accence dedicated to the well, outline each and identify the ownership thereof (both as to working interest and roynly). If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated in communitization, unitization, force-pooling.etc? If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated in communitization, unitization, force-pooling.etc? If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling; or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division force and where it is the base of the information combines of the info					330 10	ret from the	West	
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dated by communitization, unitization, force-pooling-eter Yes No If enswer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No filencessary.) Mesa et al US.A. B30' Vatest et al NMI- 43524 U.S.A. Sec. 1, T.7 S., R.25 E., N.M.P.M. Sec. 1, T.7 S., R.25 E., S.M.P.M. Sec. 1, T.7 S., R.25 E., S.M.P.M. Sec. 1, T.7 S., R.25 E., S.M.P.M.	2. If more interes	than one lease is t and royalty).	dedicated to t	he well, outl	ine each and id	entify the o	ownership 1	nercol (both as to working
If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division Image: the signed to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division Image: the signed to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division Image: the signed to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division Image: the signed to the second to the base of the second to the base of the second to the base of the	dated }	y communitization,	unitization, forc	c-pooling. et	c (all owners been consoli-
Mesa et al Mesa et al MM -28304 US.A. 330' Vatest et al U.S.A. NM - 43524 U.S.A. Sec. 1, T.7 S., R.25 E., N.M. P.M. Sec. 1, T.7 S., R.25 E., N.M. P.M. Control of the formation field Control of ectual surveys and by me or under my supervision, and that the same is true and control to the formation field control of ectual surveys and by me or under my supervision, and that the same is true and control to the formation field Control of ectual surveys and by me or under my supervision, and that the same is true and control to the formation field control of ectual surveys and by me or under my supervision, and that the same is true and control to the formation field control of ectual surveys and by me or under my supervision, and that the same is true and control to the formation Sec. 1, T.7 S., R.25 E., N.M. P.M. Control of the formation field control of ectual surveys and that the same is true and control to the formation is the formation to the formation is true and control to the formation is the formation to the formation is the for	lf answ this for	er is "no," list the m if necessary.)	owners and trad	et description	ns which have a	consolidat	en consolida ed (by com	munitization, unitization,
B NM -28304 U S.A. 330' 330'	7	7 7 4 7 7	/ / /		3			CERTIFICATION
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330'	66	NM -28304	1	-	1			
330'			1				RS	Mut
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APPLICATION FOR DRILLING

MESA PETROLEUM CO. HELEN FED COM 990' FNL & 330' FWL NW NW/4, SEC 1, T7S, R25E CHAVES COUNTY, NEW MEXICO

LEASE NO: NM 28304

In conjunction with Form 9331-C, Application For Permit to Drill subject well, the following additional information is provided:

- Applicable portions of the <u>GENERAL REQUIREMENTS</u> FOR <u>OIL</u> <u>AND</u> <u>GAS</u> <u>OPERATIONS</u> <u>ON</u> <u>FEDERAL LEASES</u>, Roswell District, <u>Geological</u> <u>Survey of September 1</u>, 1980 will be adhered to.
- 2. Geological markers are estimated as follows:

Seven Rivers	Surface
San Andres	464'
Glorieta	1396'
TUBB	2952'
ABO	3620'

- 3. Hydrocarbon bearing strata may occur in the ABO formation(s). No fresh water is expected to be encountered below 900'.
- 4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. (See Exhibit VI) Anticipate drilling with air or foam using ram type preventer and rotating head for well control. The 13 3/8" casing will be set at approximately 900' to protect any fresh water zones and cemented to the surface. The 8 5/8" casing will be set at approximately 1600' if water zones have been encountered or omitted if not and ram type preventers installed. Sufficient amounts and kinds of cement would be used to ensure any water, gas, or oil zones encountered are isolated and shut off down to the casing point if run. The 4 1/2" production casing will be set at total depth or shallower depending upon the depth of the deepest commercial hydrocarbon bearing strata encountered.
- 5. No drill stem tests or coring program is planned. The logging program may consist of a GR-CNL from surface total depth and FDC from casing point to total depth.
- 6. Anticipated drilling time is fifteen days with completion operations to follow as soon as a completion unit is available.

NM 28304

STANDARD STIPULATIONS FOR ROAD RIGHTS-OF-WAY IN THE ROSWELL DISTRICT, BLM

Grantee agrees to comply with the following stipulations to the satisfaction of BLM's Roswell District Manager:

1. Clearing and blading necessary for construction of roads authorized will be held to the absolute minimum. Without prior authorization, these actions will not exceed those limits agreed upon at the pre-construction inspection. Vegetation removed will be "walked-down" in place.

2. Care will be taken by the grantee to assure that scenic values are not damaged in the disposal of waste materials. Any large rocks which are left in the area as a result of construction activities will be placed so that they do not detract from the scenic view and do not hinder the movement of livestock or of big game animals. These residual rocks will not be piled or left in rows.

3. In those areas where erosion control structures are required to stabilize soil conditions, the grantee will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance, with sound resource management practices.

4. To prevent slacking of fence wire, the grantee will brace and tie-off each existing fence to be crossed, before cutting. During construction, the opening will be protected to prevent the escape of livestock. Fences which have been cut during construction will be restored to their original condition, or better, by the grantee. Cattleguards and adjacent gates which are of suitable width will also be installed in any fence where the road constructed is to be regularly traveled.

5. If a natural barrier which is being used for livestock control, is broken during construction, the grantee will adequately fence the area to prevent drift of livestock. Such fencing will be at his own expense.

6. Public access along this right-of-way will not be restricted by the grantee, without specific written approval being granted by BLM's Roswell District Manager. Gates or cattleguards on public lands will not be locked or closed to public use.

7. All roads which are constructed under this grant, must be equal to or better than the local minimum standards. Grantee will be responsible for maintaining these roads in a condition which is acceptable to the BLM's Roswell District Manager.

8. Prior to using any mineral materials, such as caliche or sand and gravel which would be removed from any existing or proposed federal source, authorization must be obtained from the BLM Roswell District Manager or his designated representative.

9. Upon cancellation, relinquishment, or expiration of this right-of-way, the grantee will comply with those abandonment procedures as prescribed by BLM's Roswell District Manager.

10. The grantee will make a diligent effort to contact the BLM grazing permittee or lessee prior to entering the public lands on all grazing allotments.

11. Special stipulations:

R. P. Math BY

(November 1979)

