THE APPLICATION OF TENNECO OIL COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2749

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Tenneco Oil Company Made application to the New Mexico Oil Conservation Division on November 3, 1980, for permission to dually complete its Jicarilla t well No. 500 located in Unit A of Section 24, Township 26 North, Range 5 West NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco-Mesaverde Pool and from the Basin Dakota Pool.

Now, on this 13th day of November, 1980, the Division Director

- l. That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- 2. That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- 3. That waivers of objection have been received from such ffsetting operators;
- 4. That the proposed dual completion will not cause waste nor mpair correlative rights; and
- 5. That the mechanics of the proposed dual completion are easible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Tenneco Oil Company be and the same is hereby authorized to dually complete its Jicarilla C Well No. 5E located in Unit A of Section 24, Township 26 North, Range 5 West, MMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco-Mesaverde Pool and from the Basin-Dakota Pool through the casing-tubing annulus and the tubing respectively.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO DIL CONSERVATION DIVISION

JOE D. RAMEY
Division Director

THE APPLICATION OF TENNECO OIL COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2756

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVI

Under the provisions of Rule 112-A, Tenneco (M) Comean made application to the New Mexico Oil Conservation Original on October 20, 1980, for permission to dually complete its Jicarilla C Well No. 500 located in Unit A of Section 24 Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco-Mesaverde Pool and from the Basin-Dakota Pool.

Now, on this 24th day of November, 1980, the Division Director finds:

- 1. That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- 2. That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- 3. That no objections have been received within the waiting period as prescribed by said rule;
- 4. That the proposed dual completion will not cause waste nor impair correlative rights; and
- 5. That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Tenneco Oil Company, be and the same is hereby authorized to dually complete its Jicarilla C Well No. 5E located in Unit A of Section 24, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco-Mesaverde Pool and from the Basin-Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY

/Division Director

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Operator		County	Date _
Tenneco Oil Company		Rio Arriba	September 16, 1980
Address	· · · · · · · · · · · · · · · · · · ·	Lease	Well No.
720 S. Colo. Blvd., [Denver, CO 80222	Jicarrilla C	5E
Location of Well A	Tov 24	wnship T26N	Range R5W
	· ·	uthorized the multiple completion of	a well in these same pools or in the same
zones within one mile of the subject		NO	
2. If answer is yes, identify one such i		5707; Operator Lease, an	d Well No.: Jicarilla C-7
3. The following facts are submitted:	Upper	Intermediate	Lower
•	Zone	Zone	Zone
a. Name of Pool and Formation	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of			
Pay Section	5238-5483'		7456-7654 '
(Perforations)			0
c. Type of production (Oil or Gas) d. Method of Production	Gas		Gas
(Flowing or Artificial Lift)	Flowing		Flowing
4. The following are attached. (Please			1 10W111g
of operators of all le C. Waivers consenting tors have been furni	ases offsetting applicant's to such multiple completion shed copies of the applica well or other acceptable leach log is not available at e on which this well is loca . 30th, Box 90, Far	lease. In from each offset operator, or in lie tion.* log with tops and bottoms of product the time application is filed it shalted together with their correct mails commington, New Mexico 8	free leases, and the names and addresses en thereof, evidence that said offset operacing zones and intervals of perforation in 11 be submitted as provided by Rule 112-A. ing address.
6. Were all operators listed in Item 5 and date of such notification	, state that I am the ASST	. Div. Adm. Mgr. of	the Tenneco Oil Company
_,		/ 1	Valter

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or or of

Carley Watkins

Signature

JICARRILLA C5E NE Section 24, T26N-R5W San Juan County, New Mexico

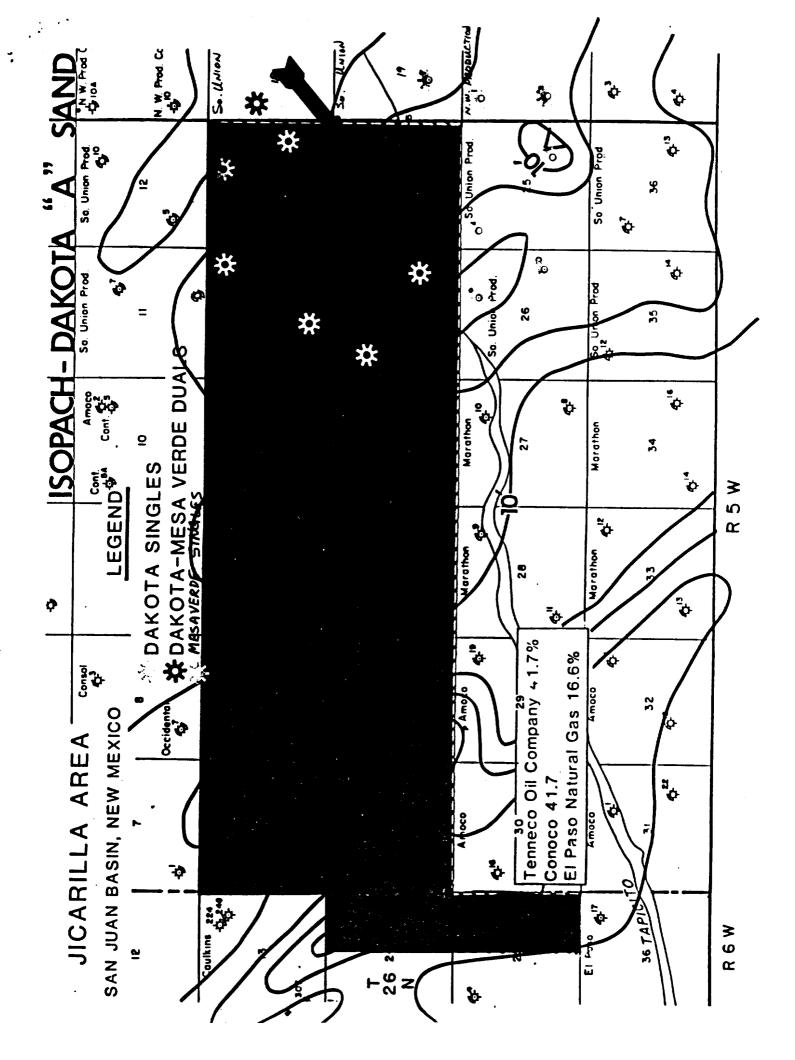
N. W. Production 3539 E. 30th Box 90 Farmington, New Mexico 87401

Supron (South. Union)
- Box 808
Farmington, New Mexico 87401

Dresser Atlas

Induction Gamma Ray

FILE NO. FM-6168	COMPANY	TENNECO OIL	COMPANY	·
	WELL	JICARILLA C	# 5E	
	FIELD	BASIN DAKOTA		
	COUNTY	RIO ARRIBA	STATENE	W MEXICO
	LOCATION:			Other Services
		960' FNL, 96	0' FEL	CDL/CN/GR
	SEC	TWP	RGE 5W	
Permanent Datum	G.L.	Elev	6652	Elevations KB 665-
Log Measured from	K.B.	12 Ft. Abov	re Permanent Datum	DF6663
Drilling Measured from	K.B.			GL 6652
	1	6 00 00		
Date	6-11-80	6-19-80		
Run No	ONE	TWO		
Depth—Driller	5834	7705		
Depth-Logger	5838	7701		
Bottom Logged Interval	5834	7696		
Top Logged Interval	290	5834		ļ <u>a</u>
Casing—Driller	9 5/8@ 284	7 @ 5832	<u>@</u>	
Casing—Logger	290	5834		
Bit Size	8 3/4	6 1/4		ļ
Type Fluid in Hole	CHEM GEL	CHEM GEL		
Density and Viscosity	8.8 80	8.5 54		
pH and Fluid Loss	8.5 8.8c	- 6.0 cc	С	c <u>cc</u>
Source of Sample	FLOWLINE	FLOWLINE		
'Rm @ Meas. Temp.		3.68@87 °F		
Rmf @ Meas. Temp.	<u> </u>	2.76@87 °F		
Rmc @ Meas. Temp.		F4.60@87 °F	<u> </u>	F @ •F
Source of Rmf and Rmc		CALCULATED	-	F @ •F
Rm @ BHT		F 2.04 @ 157 °F	<u>e</u> -	<u> </u>
Time Since Circ.	2 HOURS	2 HOURS		F •F
Max. Rec. Temp. Deg. F.		- 115/	<u> </u>	
Equip. No. and Location		.6103 FAFM.	ļ	
Recorded By	HUGHES	HITCHNER	 	
Witnessed By	CARL50N	RUDOLPH	<u> </u>	



Rev. 5-63)	•	111	NITED	STATES	SUBMIT	IN I	DUPLICATE		F B	orm ap udget B	proved. ureau No. 42-R355.5.
	DEP			THE INT	ERIOR		(See other struction reverse	ns on 🔚	LEASE DES	IGNATIO	ON AND SERIAL NO.
	DLI	GEO	LOGICA	L SURVEY			leverse :	side)	Contra	ct 10	08
	ADI ETI			APLETION R	EDORT A	NI	LOG	*	IF INDIAN,	ALLOT	TEE OR TRIBE NAME
WELL CON 1a. TYPE OF WELL		ON OR						₋₇	UNIT AGRE	EMENT	NAME
		WELL	WELL X	DRY L	Other			— "	. •		
b. TYPE OF COMP	WORK	DEEP-	PLUG BACK	DIFF. C	Other			8	FARM OR	LEASE !	NAME
2. NAME OF OPERATO	OVER L	, EN							Jicari	11a	C
Tenneco	0i1 C	ompany						9	5-£ M	1	
3. ADDRESS OF OPER	ATOR					20		- -		•	, OB WILDCAT
720 Sout	th Col	orado Bl	vd. De	nver. Color cordance with any	800 8020 State requires	nent	8)*				a/Mesaverde
At surface 9	50' FN	L 960'	FEL					1	1. SEC., T.,	R., M., O	H BLOCK AND SURVEY
At top prod. inte	rval repo	rted below									
At total depth								S	ec.24-1	26N-	R5W
At total depth				14. PERMIT NO.	D	ATE I	ISSUED		2. COUNTY PARISH	OR	13. STATE
								R	<u>io Arri</u>	ba_	New Mexico
15. DATE SPUDDED	16. DATE	T.D. REACHE	i	COMPL. (Ready to	prod.) 18.			REB, RT,	GR, ETC.)*	10. 1	LEV. CASINGHEAD
6/2/80		1/80	 K T.D., MD ≜ '	9/4/80	TIPLE COMPL.,	66	52' GR		ROTARY TOO	LS	CABLE TOOLS
20. TOTAL DEPTH, MD	t TVD			HOW M	2	,	DRILLI	ED BY	O-TD		
7705' 24. PRODUCING INTER	VAL(S), O	76 r this comp	/ O PLETION—TOP,	, BOTTOM, NAME (M	ID AND TVD)*		1	<u> </u>	<u> </u>	25	WAS DIRECTIONAL SURVEY MADE
7456'-7654'											No
									1	27. W	AS WELL CORED
26. TYPE ELECTRIC A											No
CBL/VD INO/	GK CD/	UN	CASI	NG RECORD (Rep	ort all strings	set is	n well)				
CASING SIZE	WEIGI	HT, LB./FT.	DEPTH SE	T (MD) HO	LE SIZE		CEME	NTING RE			AMOUNT PULLED
9 5/8"	3	36#	284'			200	Osx CL-I	B W/29	CACL	2 00	Dsx HOWCO LITE
_7"		23#	5832		3/4" 1/4"	300	Osx HOW	CU II.	F W/6%	HAI	0-9
4 1/2"	_	10.5#	7705		_!/ 4		Osx CLB			<u> </u>	
29.		LINE	ER RECORD		· · · · · · · · · · · · · · · · · · ·		30.		BING REC	ORD	
SIZE	TOP (M	D) BOT	TOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE		PTH SET (1	MD)	PACKER SET (MD)
							2 3/8	<u> </u>	7400'		7 390'
31. PERFORATION RE	CORD (Int	erval size ar	id number)		82.	AC	ID. SHOT.	FRACTU	RE, CEMEN	T SQU	EEZE, ETC.
	764		,		DEPTH INT						MATERIAL USED
7456-71 ' 7561-84 '					7456-7	765	4		gals. 1	5% H	CL
7606-08'	(2 J	SPF)						250	<u>Gals. 1</u>	5% H	CL #
7615-18'								80,0	00 gals	XL	Gel. 80,000 # 000 #10/20 sand
				P.D.C	DECEMON			20/4	U Sanu:	25,	000 #10/20 3ano
33.* DATE FIRST PRODUCT	TION	PRODUCTIO	ON METHOD (PRO Flowing, gas lift, s	DUCTION umping eize	and t	type of pum	(p)		L STATU	8 (Producing or
9/4/80		Flow	_	•••							Shut-in
DATE OF TEST	HOURS	TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.		GAS-MC		WATER-BI	BL.	GAS-OIL BATIO
9/4/88		hrs.	3/4"		<u> </u>	W-0=	Q-200	VATER—	RRT.	OIL (GRAVITY-API (CORB.)
FLOW. TUBING PRESS.	CASING	PRESSURE	CALCULATED 24-HOUR BA		AOF		,	** A & & B ***		\	
140 PSI 84. DISPOSITION OF	GAS (Sold	used for fue	l, vented, etc.)	HUF	-20	1		TEST WITH	ESSED 1	BY
Vented		. • • •	-								<u> </u>
35. LIST OF ATTAC											
Electric 1	ogs fo	rwarded	by Schl	umberger, [resser A	tla	s, Wele	ed from	ll available	record	8
36. I hereby certif	y that the	coregoing a	no strached	imormation 18 com	piete and colf	ect 8	** Acresmine				
ercater (/ M	111 M	01100	TITLE A	sst. Div	_A	dmin. M	lgr	DA!	re	9/30/80

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

NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown, below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If the prior to the time this summary record is submitted, copies of all currently a variable logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State bears 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval.

Item 25: "Sacks Cement": Attached supplemental records for this well show the details of any multiple stage cementing and the location of the cementing tool.

Item 25: Sacks Cement": Attached supplemental records for this well show the details of any multiple stage cementing and the location of the cementing tool.

37. SUMMARY OF POF	ROUS ZONES: RTANT ZONES OF POLICE TESTED, CUSHION	ROSITY AND CONTENT	37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OFEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. G E 0L0G	GEOLOGIC MARKERS	
FORMATION	101	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
				NAME	MEAS. DEPTH	TRUE VEST. DEPTH
Gallup	6600	6770'	Sand			
Graneros	7150	7350	Shale	Green Horn	6937'	
Dakota	7350	7670'	Sand, Gas			
					- -	÷ .

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE* (See other in-structions on reverse side) Form approved. Budget Bureau No. 42-R355.5.

					37/
5.	LEASE	DESIGNATION	AND	BERIAL	м
	C+	man+ 108			

GEOLOGICAL SURVEY /ELL COMPLETION OR RECOMPLETION REPORT AND LOG*	Contract 108
FELL COMPLETION OR RECOMPLETION REPORT AND DEED OTHER	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
PR OF WELL: OIL GAS KY DRY Other	7. UNIT AGREEMENT NAME
WELL WELL DA DEL CO	_:
YPE OF COMPLETION: NEW TW WORK DEEP PLUG DIFF. Other	S. FARM OR LEASE NAME
WELL OVER LEN BACK	Jicarilla C
ME OF OPERATOR	9. WELL NO.
nneco Oil Company	10. FIELD AND POOL, OR WILDCAT
O South Colorado Blvd., Denver, Colorado 80222	Basin Dakota/Mesaverde
O South Colorado Blvd., Denver, Colorado Gozza Cation of Well (Report location clearly and in accordance with any State requirements)*	11. SEC., T., R., M., OR BLOCK AND SURVEY
t surface 960' FNL, 960' FEL	OR AREA
t top prod. interval reported below	Sec.24, T26N-R5W
	12. COUNTY OR 13. STATE
t total depth 14. PERMIT NO. DATE ISSUED	New Mexico
The second of th	Rio Arriba New Mexico B, RT, GR, ETC.)* 19. ELEV. CASINGHEAD
ATE SPUDDED 16. DATE 1.5. GR	
/2/80 6/21/80 9/4/80 GOZ INTERVAL	R▼ I
OTAL DEPTH, MD & TVD 21. PLUG, EACH	0-TD 25. WAS DIRECTIONAL
705' /6/6' PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	SURVEY MADE
	Ne
238-5483' Mesaverde	27. WAS WELL CORED
TYPE ELECTRIC AND OTHER LOGS RUN	No
BL-VD IND/GR CD/CN CASING RECORD (Report all strings set in well)	
DEPTH SET (MD) HOLE SIZE	YING RECORD AMOUNT PULLED
CABING SIZE 2005 CL -B	w/2% CACL 2
9 5/8" 30# 200 9 3/4" 300sx CL-B	w/2% CACL 2 8UQ SX
7	200 sx HOWCO LITE 100sx CL-B w/6% HI
W/0% III - 9	TUBING RECORD
LINER RECORD BOTTOM (MD) SACKS CEMENT® SCREEN (MD) SIZE SIZE	DEPTH SET (MD) PACKER SET (MD)
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (22)	7400' 7390'
	COMPANY SOUREZE ETC.
PERFORATION RECORD (Interval, size Gal Manual)	RACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED
5238-48' 5443-47' 4946-54'	10 gals 7% HCL 81,900#20/4
5284-90' 4907-10' 5479-83' 5236-5246 T	500 a 15% HCL 2050 BBLS 1%K
5383-85' 4910-18' (TTI 17' 34 holes)	00 a 7% HCL-1500 g 1% HCL
	4,100#20/40 sd. 1150 BBLD 1
5415-19' 4931-33'	19 1 July 20
5415-19' 4931-33' (112) 4907-4934 (4907-4934) 4934-36' 4938-40' PRODUCTION	WELL STATUS (Producing of
5415-19' 4931-33' 4938-40' PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION) WELL STATUS (Producing or shut-in) Shut-in
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump 9/4/80 Flowing GAS—MCF	Shut-in
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump 9/4/80 Flowing CHOKE SIZE PROD'N. FOR OIL—BEL. GAS—MCF TEST PERIOD (9-2723)	Shut-in Shut-in GAS-OIL BATIO
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION THE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pumping of the pumpin	Shut-in Shut-in GAS-OIL BATIO
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION PRODUCTION PRODUCTION PRODUCTION Flowing 9/4/80 Flowing CHOKE SIZE PROD'N. FOR TEST PERIOD 9/4/80 3/4" Q=2723 CALCULATED CALCULATED 24-HOUR BATE OIL—BBL. GAS—MCF. 4907-4934 Application	Shut-in Shut-in GAB-OIL RATIO WATER—BBL. OIL GRAVITY-API (CORR.)
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION Flowing PRODUCTION Flowing PRODUCTION Flowing PRODUCTION Flowing Flowing CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. Q=2723 Q=2723 Q=2723 Q=4907-4934 PRODUCTION PRODUCTION Flowing GAS—MCF. Q=2723 QAS—MCF. QAS—MCF. QAS—MCF. QAS—MCF. QAS—MCF. QAS—MCF. QAS—MCF. QAS—MCF.	Shut-in Shut-in WATER-BBL GAB-OIL BATIO
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION TE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump 9/4/80 Flowing Flowing GAS—MCF. 190 PSI 750 PSI A DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	Shut-in Shut-in GAB-OIL RATIO WATER—BBL. OIL GRAVITY-API (CORR.)
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION TE FIRST PRODUCTION 9/4/80 Flowing Flowing CHOKE SIZE PROD'N. FOR TEST PERIOD Q=2723 9/4/80 3 3/4" Q=2723 4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented LEVEL OF ATTACHMENTS PRODUCTION CAS—MCF. CALCULATED 24-HOUR RATE 40F-4259 Vented	WATER—BBL. GAS-OIL EATIO WATER—BBL. OIL GRAVITY-API (CORR.) TEST WITNESSED BY
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION TE FIRST PRODUCTION 9/4/80 Flowing Flowing CHOKE SIZE PROD'N. FOR TEST PERIOD Q=2723 9/4/80 3 3/4" Q=2723 4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented LEVEL OF ATTACHMENTS PRODUCTION CAS—MCF. CALCULATED 24-HOUR RATE 40F-4259 Vented	WATER—BBL. GAS-OIL EATIO WATER—BBL. OIL GRAVITY-API (CORR.) TEST WITNESSED BY
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump 9/4/80 Flowing PRODUCTION Flowing PRODUCTION Flowing GAS—MCF 9/4/80 3 3/4" PRODUCTION Flowing GAS—MCF 9/4/80 3 3/4" PRODUCTION GAS—MCF 9/4/80 3 3/4" PRODUCTION Flowing GAS—MCF GAS—MCF 9/4/80 3 3/4" Q=2723 4. DISPOSITION OF GAS (Fold, used for fuel, vented, etc.) Vented 5. LIST OF ATTACHMENTS Electric logs forwarded by Schlumberger, Dresser Atlas, Weller of the proper of the properties of the	Shut-in Shut-in GAS-OIL EATIO WATER—BBL. OIL GRAVITY-API (CORE.) TEST WITNESSED BY EX OX OF THE OIL GRAVITY-API (CORE.)
5415-19' 4931-33' 5434-36' 4938-40' PRODUCTION TE FIRST PRODUCTION 9/4/80 Flowing Flowing CHOKE SIZE PROD'N. FOR TEST PERIOD Q=2723 9/4/80 3 3/4" Q=2723 4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented LEVEL OF ATTACHMENTS PRODUCTION CAS—MCF. CALCULATED 24-HOUR RATE 40F-4259 Vented	Shut-in Shut-in GAS-OIL EATIO WATER—BBL. OIL GRAVITY-API (CORE.) TEST WITNESSED BY EX OX OF THE OIL GRAVITY-API (CORE.)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

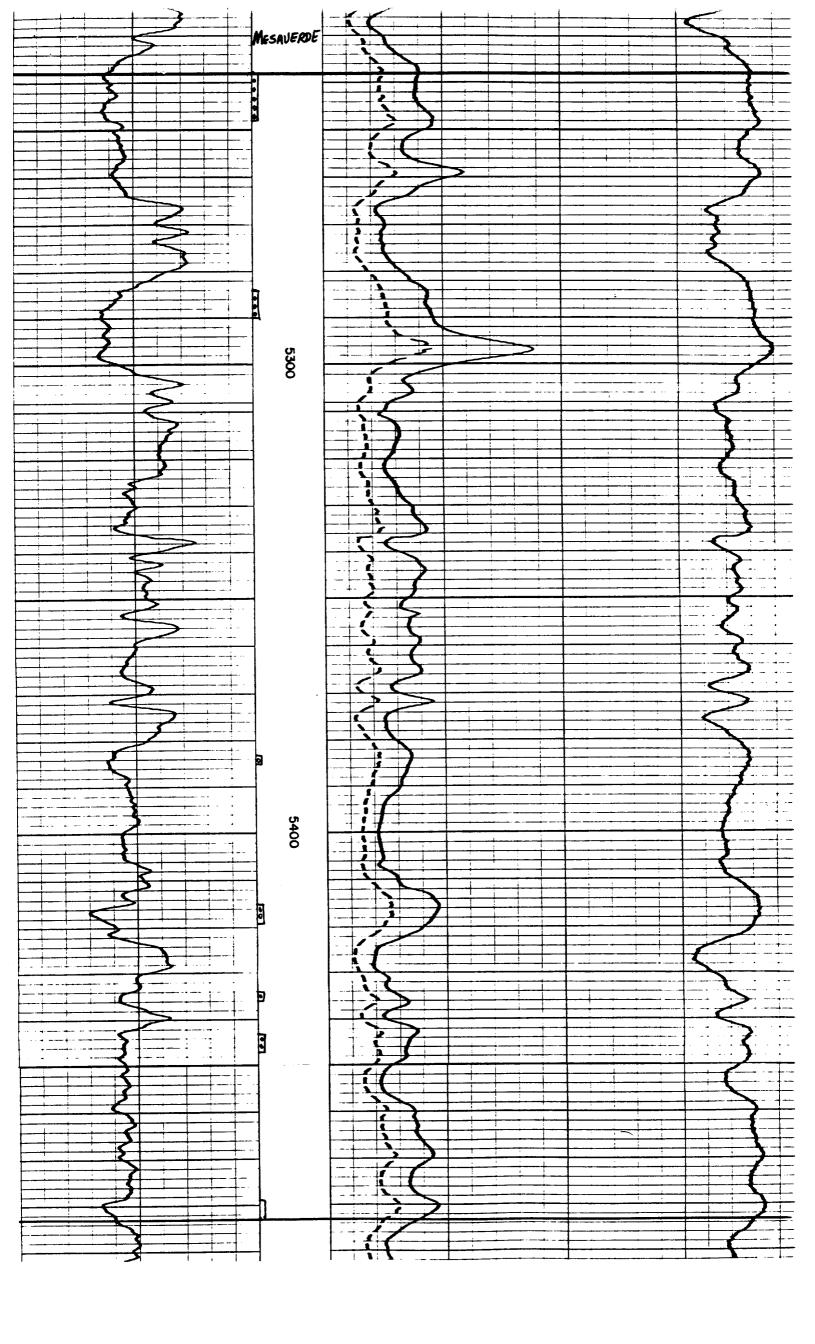
item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

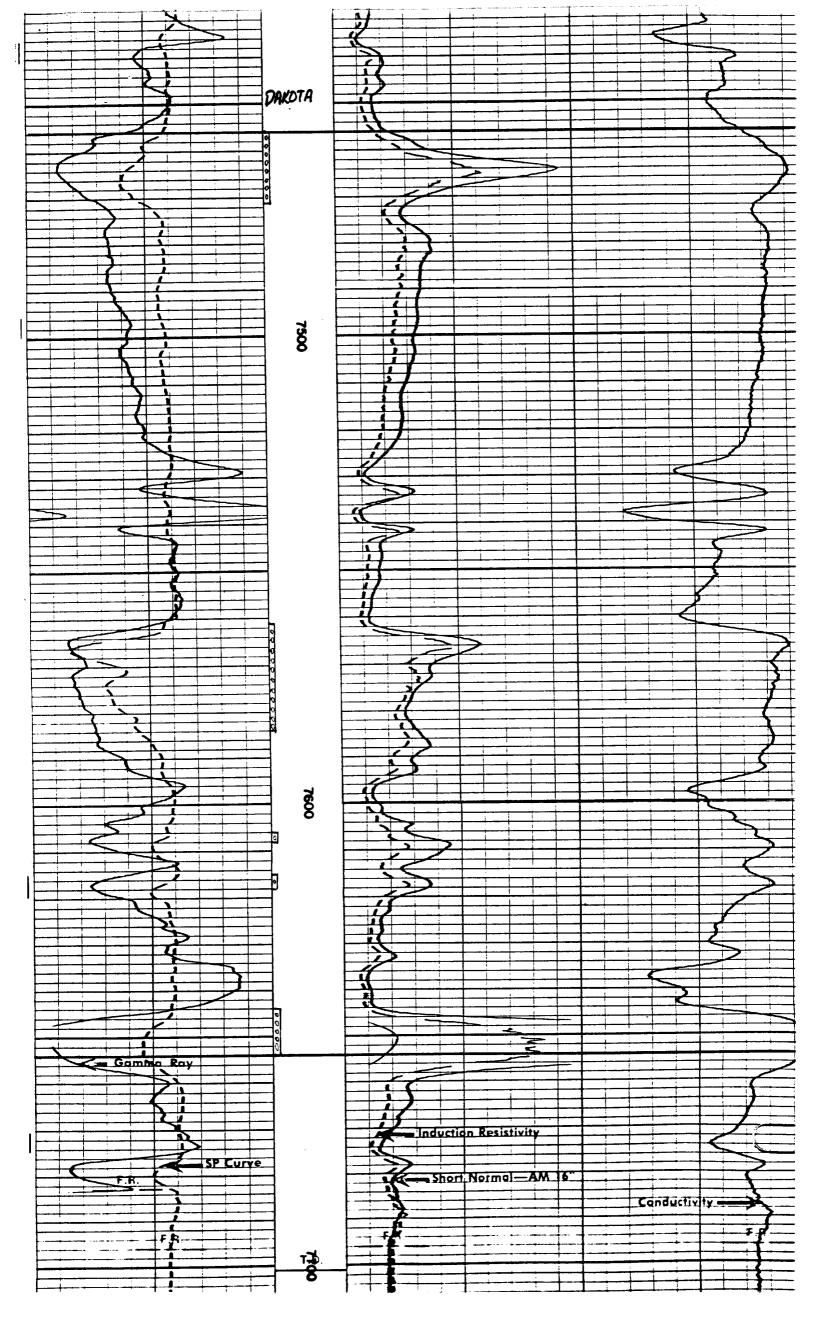
them 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. The space of this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing intervals, or intervals, top(s), bottom and name(s) (if any) for only the interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval zone (multiple completion), so state in item 20, and in item 24 show this form, adequately identified, where it is submit a separate report (page) on this form, adequately identified, for each additional interval interval to be separately produced, showing the additional data perturent to such interval.

Them 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Them 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POR SHOW ALL IMPOR DEPTH INTERVAL	OUS ZONES: RTANT ZONES OF PO TESTED, CUSHION	ROSITY AND CONTEN	37. SUMMARY OF POROUS ZONES: 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	38. GEOLOGIC MARKERS	MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
				2 2 2 5	MEAS. DEPTH T	TRUE VERT. DEPTH
Fruitland	3170'	3250'	Sand, Shale			
ctured Cliffs	4000'	4030'	Sand			
Lewis	4470'	4875'	Shale			
Cliffhouse	4900'	5050'	Sand, Gas			
Menefee	5200'	5500'	Sand, Shale, Gas			
						÷





	1	1	ı				•	LEAS	se	carilla	<u> </u>
		1									
				9-5/8	*0 D,	36	LB,_	K-5 5	_CSG.W/	200	SX
				TOC 0		Furfac	· e	 ·			
				7	"O D,	23	LB,_	K- 55	_csg.\!/	300/8	00 SX
284		•				390/			•	,	
	-			4-1/2	*OD, <u>1</u>	0.5&11.6	LB,_	x- 55	_CSG.W/	300	SX
						661			•		
		.		DETAILED	PROCEDI	URE		_			
				1. MIRU 2. DO t	SU. Ins	Drill to	latch	in Gol	lar @ 76	57 Pl	us 20'.
				3. Test 4. Circ	csq to	3500 psi ole w/l%					
•			•	5. POOH 6. Run	/ /	1 A V.	<i>" o</i>	N/y).			
				cnin	using 2	JSPF:	_			ium cha	rge csg
7) 1/4		ļ		Dak	ot a A	7456 7561-	-71. 84	23			
DV8 4723 1	<i> </i>	1				7606-	- 08	2 3			
4/23			•	Dak	014 D	7615 7644-	54		,		
						RBP w/ba			Total	- 53'	106 holes
		1		9. Acid	lize per	fs w/15%	HCL	as follo	ws:		
•		1			7644	- <u>54</u> - 7618		500	991		6alls
					7456	- 71		500	- 3 ~ l	45	Lalls
•						Total	(·	2000	9 91	157	64115
	.	ĺ		10. POO	W/RBP	& pkr.		1 in 1	S VCI was	tor as	follows:
		.		11. Fra	10.000	cross-ling gal pad	•				
		•			10,000	qal w/l qal w/2	ppq	20/40 st	and.		
		١, ١			5.000	0 gal w/2	ppg	10/20 s	and		
					10,000	qal pad qal w/l	W/_	53 3 20/40 s	balls.		
•					15.000	0 gal w/2	ppg	20/40 B	and		
5661	- }-				5 000	op perf.	מממ	10/20 s	and	Onnsi.	
. •				Flu	sh to to	: 80,000	# 20	/40	35UIC - 3	0007521	
5832	A		A			25,000	# 10	/20.			
			•		al Gel: overnig		gal	•			
				13. RIH	w/tbg,	S/N, & P	onnib-	out plug	•		
				14. CO	to PBTD	w/foam.			set of p	erfs.	
		1 1		15. Lar 16. Kid		around w/	/N ₂ .				
				17. Flo	w until	clean-ur	. <u> </u>				
]	٠								
						•					
-, -											
_/ 7	03										

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