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				STA			MIT IN I	(See o	t in-		Form Budget	approved. 5 Bureau No. 42-R355.5
	DEFAF			AL SU		ITERIO	R		ions on se side)	5. LEASE D	ESIGNA	TION AND SERIAL NO
										<u>NM-025</u>		
WELL CO	OMPLETION			MPLET	ION	REPORT	AND	LOC	3*	6. IF INDIA	N, ALL	OTTEE OR TRIBE NAM
b. TYPE OF CO	W	IL X	GAS WELL	α	NRY 🗌	Other				7. UNIT AG	REEMEN	T NAME
NEW WELL	WORK D	EEP-	PLUG BACK	DIF	F.	<b>O</b> 12	•	- 1			nel	
2. NAME OF OPER	ATOR /		Dath L		,	Other		-		8. FARM OR Keohar		
Westall		<u> </u>		·····		<u> </u>	-			9. WELL NO		
Drawer	477. Roswe	MM [[ב	8820	וי		, a é	•	•		10. FIELD A	ND POO	L, OR WILDCAT
4. LOCATION OF W At surface	ELL (Report loca	tion clearl	y and in	accordance	e with an	vy State regu	iremente)	¢				$\frac{-SL - Q - G}{OR BLOCK AND SURVEY}$
At top prod. i	2,310' from	n East	line	and 33	0' fr	ion Fonti	heline	EC		11. SEC., T., OR AREA	R., ¥.,	OR BLOCK AND SURVEY
At total depth	-									04 T	0.0	
				14. PE	RMIT NO	JAN_	-5.19	79		$\frac{24 - 1}{12, \text{ countr}}$		• 31E   13. state
						1				FARISH	0L	New Mexic
5. DATE SPUDDED 11/30/78	16. date t.d. 12/7/78	REACHED	17. DAT	E COMPL. (	(Ready t	ARTESI	A. DEF	IONS (DF	, RKB, R	T, GR, ETC.)*	19.	ELEV. CASINGHEAD
CO. TOTAL DEPTH, MI		UG, BACK T	 r.d., MD &	12/27/ TVD   22.	IF MUL	TIPLE COMPL.	3689	3. INTER	WALS	ROTARY TOO		CABLE TOOLS
4,200'					HOW M	IAN Y <sup>‡</sup>		DRILL	ED BY	Х		
4. PRODUCING INT. Graybu	173 $3,785$	s complet	les)				*				2	5. WAS DIRECTIONAL SURVEY MADE
	4,075	; (ЗНс		4,L	35 (3	Holes)						
6. TYPE ELECTRIC Gammat		RUN	· <u> </u>					·······			27. W	AS WELL CORED
Galliat	ron											
			CASI	NG BECO	RD (Ren	ort all string	a pot in an	<u></u>				
S. CASINO SIZE	WEIGHT, LB	./ <b>FT</b> .	CASI DEPTH SE			oort all string: LE SIZE	8 8et in 10		NTING R	ECORD		AMOUNT PULLED
8.	weight, lb.	./ <b>F</b> T.		T (MD)				CEME		ECORD		AMOUNT PULLED
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8. CASINO SIZE 8 5/8 <u>4 1/2</u>	20#		б <u>ертн</u> se <u>685</u> 4 <del>218</del>	T (MD)			300	ceme Sacks	Clas			AMOUNT PULLED
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3. CASINO SIZE <u>8</u> 5/8 <u>4</u> 1/2 5. SIZE	20# 9 1/2 тор (мд)	LINER 1	depth se 685 4 <del>218</del> RECORD (MD)	T (MD) 1 14200	H0	LE SIZE SCREEN (M)	300 365 <sup>30</sup>	Sacks Sacks		SS "C" SS "C" UBING RECC	D)	PACKER SET (MD)
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8. CASINO SIZE <u>8</u> 5/8 <u>4</u> 1/2 3. SIZE	20# 9 1/2 тор (мд)	LINER 1	depth se 685 4 <del>218</del> RECORD (MD)	T (MD) 1 14200	H0	<u>SCREEN (M.</u> <u>32.</u> <u>DEPTH INT</u> <u>3,785' (</u> <u>4,075' (</u>	300 365 30 D) ACID, (EERVAL () (6 HO10 (3 HO10	CEME Sacks Sacks Sacks SIZE SHOT, F (D) SS() S S() 2	Clas	ES "C" ES "C" UBING RECC EPTH SET (M RE, CEMENT UNT AND KIN 40,000 G	D) r squi D OF M als.	PACKER SET (MD) EEZE, ETC. MATERIAL USED
8. CASINO SIZE <u>8</u> 5/8 <u>4</u> 1/2 9. SIZE L. PERFORATION RE	20# 9 1/2 тор (мд)	LINER 1	depth se 685 4 <del>218</del> RECORD (MD)	T (MD) 1 14200	H0	SCREEN (M. 32. DEPTH INT 3,785' (	300 365 30 D) ACID, (EERVAL () (6 HO10 (3 HO10	CEME Sacks Sacks Size SHOT, F (D) (2S) S (2S) 2 (2S) (2)	Clas Clas Clas FRACTU	ES "C" ES "C" UBING RECO EPTH SET (M RE, CEMENT UNT AND KIN 40,000 G L Water	D) r squi D of m als. & 30	PACKER SET (MD) EEZE, ETC. IATERIAL USED Gelled 0 Gal DS-30
8. CASINO SIZE <u>8</u> 5/8 <u>4</u> <u>1/2</u> 9. SIZE 1. FERFORATION RE 3.°	20# 9 1/2 TOP (MD)	LINER 1 BOTTOM	depth se 685 4 <del>218</del> RECORD (MD) umber)	т (MD) 1 1 1 4/200 SACKS CE	HO MENT*	SCREEN (M)           32.           DEPTH INT           3,785' (           4,075' (           4,135' (           DUCTION	300 365 30 D) ACID, CERVAL (D) (G HOLO (3 HOLO (3 HOLO	CEME Sacks Sacks Slze SHOT, F Slze SHOT, F Slze SHOT, F Slze Slze Slze Slze Slze Slze Slze Slze	FRACTU AMOU Spot 4 89,000	SS "C" SS "C" CBING RECC EPTH SET (M RE, CEMENT UNT AND KIN 40,000 G L Water D # Sand	D) r squi D of x als. & 30 20/	PACKER SET (MD) EEZE, ETC. MATERIAL USED Gelled 0 Gal DS-30 40
8. CASINO SIZE <u>8</u> 5/8 <u>4</u> <u>1/2</u> 9. SIZE L. PERFORATION RE 9.	20# 9 1/2 TOP (MD) COBD (Interval, s	LINER 1 BOTTOM	depth se 685 4 <del>218</del> RECORD (MD) umber)	T (MD)	HO MENT*	BCREEN (M)           32.           DEPTH INT           3,785' (           4,075' (           4,135' (	300 365 30 D) ACID, CERVAL (D) (G HOLO (3 HOLO (3 HOLO	CEME Sacks Sacks Slze SHOT, F Slze SHOT, F Slze SHOT, F Slze Slze Slze Slze Slze Slze Slze Slze	FRACTU AMOU Spot 4 89,000	SS "C" SS "C" CBING RECC EFTH SET (M RE, CEMENT UNT AND KIN 40,000 G L Water D # Sand WELL shul	D) r squi D of m als. & 30 20/ status	PACKEN SET (MD) EEZE, ETC. (ATERIAL USED Gelled 0 Gal DS-30 40 (Producing or
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8. CASING SIZE 8 5/8 <u>4 1/2</u> 9. SIZE 1. PERFORATION RE 1. PERFORATION RE 1. PERFORATION RE 1. 2/27/78 1. 2/27/78	20# 9 1/2 TOP (MD) COBD (Interval, s	LINER I BOTTOM ize and nu ize and nu	ETHOD (F deco 1 KE SIZE	T (MD)	HO MENT* PROL & Uft, pu FOR ERIOD	LE SIZE           SCREEN (M)           32.           DEPTH INT           3,785' (           4,075' (           4,135' (           DUCTION           umping-size           01L-BBL.           40	300 365 30 D) ACID, REBVAL (P (G HOLO (3 HOLO) (3 HOLO (3 HOLO (3 HOLO (3 HOLO) (3 HOLO)	CEME Sacks Sacks Sacks Size SHOT, F (D) SS) S SS) S SS SS) S SS SS SS SS SS SS SS SS SS SS SS SS S	S Clas Clas Clas TT P FRACTU AMOI Spot 4 Spot	SS "C" SS "C" UBING RECO EPTH AET (M RE, CEMENT UNT AND KIN 40,000 G L Water 0 # Sand WELL shui P: WATER-BBL 20	D) F SQUI D OF M als. & 30 20/ STATUS STATUS	PACKER SET (MD) EEZE, ETC. IATERIAL USED Gelled O Gal DS-30 40 (Producing or Cing GAS-OIL RATIO
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Water is going into Shenandoah Oil Corp. waterflood.

## 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, opies 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.

Hem 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.
Hems 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 to be separately produced, showing the additional data pertinent to such interval.
Hem 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.
Hem 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 PORO SHOW ALL IMPORT DEPTH INTERVAL T	US ZONES : ANT ZONES OF POR ESTED, CUSHION U	OSITY AND CONTE SED, TIME TOOL (	37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DEHLL-STEM TESTS, INCLUDING DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOGIC MARKERS
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP
Seven Rivers	2,620'			MEAS. DEPTH TRUE VERT. DEPTH
Queen	   		No Sand seen in Queen Interval	
lst Sand	3,570'			
Penrose	3,610'			
Grayburg	3,800'			
Premier	4,000'			
San Andres	4,060'			

\$GPO 782-929

KAY C. HAVENOR

505/623-7184 Suite 1004 Security National Bank Building Roswell, New Mexico 88201

December 8, 1978

Westall - Mask Drawer 1477 Roswell, NM 88201

Gentlemen:

Samples on your 24-1 Keohane Federal were examined in my office per request of Mr. Jim Jennings. Results, mostly negative, were reported Thursday evening to Mr. Westall in Artesia, via telephone.

Samples from 2500' to 4100' were delivered to Roswell. Most of the samples had been washed to the point that few sands were visible. No shows were observed. No significant dolomite porosity was seen.

Sample tops, as can be called are:

Seven Rivers 2620' Queen ---- no sand seen in Queen interval. Ist sand 3570' Penrose 3610' Grayburg 3800' Premier 4000' San Andres 4060'?? Last sample: 4100'

Samples are in the hall of the tenth floor Security National Bank Building in order that your personnel may pick them up.

Enclosed are the original sample description sheets on this well.

Respectfully submitted,

Kory CHorvenor

Kay C. Havenor Certified Professional Geologist

