

# SKELLY OIL COMPANY

P. O. BOX 1650

### **TULSA, OKLAHOMA 74102**

#### PRODUCTION DEPARTMENT

C. L. BLACKSHER, VICE PRESIDENT

February 6, 1969

W. P. WHITMORE, MGR. PRODUCTION GEORGE W. SELINGER, MGR. CONSERVATION D. E. SMITH, MGR. TECHNICAL SERVICES J. R. TEEL, MGR. JOINT OPERATIONS

Re: Salt Water Disposal
Mexico Fed. "P" W.S.W. No. 1
Unit F, Sec. 21-T26S-R35E
Lea County, New Mexico

Mr. A. L. Porter, Jr., Secretary-Director Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Dear Mr. Porter:

Skelly Oil Company respectfully requests administrative approval to convert the water supply well above captioned to salt water disposal. In support of this application we are attaching, in triplicate, the following:

- 1. New Mexico Oil Conservation Commission Form C-108
- 2. Two-Mile Radius Map
- 3. A log section on the Mexico Fed. "P" No. 1 through the proposed injection interval.
- 4. A diagrammatic sketch of the proposed injection well.
- 5. Produced water analysis from the Mexico Fed. "P" No. 1 and an analysis from the upper Rustler Zone in the proposed well.

By carbon copy of this letter we are also sending a copy of the application to the surface owner shown below.

Recently the Mexico Fed. "P" No. 1 well was drilled and is now being completed as an Atoka gas well. The well produced approximately 10 barrels of salt water per hour when produced at a rate of 2.9 MMCFPD. To dispose of the salt water is a problem due to the isolated location of the well.

We propose to utilize the existing Water Supply Well No. 1, which is located adjacent to the drilling pad, for disposal purposes. The Water Supply Well No. 1 is located 1630' FWL and 2300' FNL of Section 21-T26S-R35E, and is 350' south and 350' west of the Mexico Fed. "P" No. 1.

This well was drilled to 1360' then plugged back to 390' and completed in the fresh water interval 300'-380'. The fresh water zone tested only 5-7 gallons per minute, and it was necessary to move three miles east to obtain

Mr. A. L. Porter, Jr. February 6, 1969
Page 2

sufficient drilling water. We propose to clean the well out to 1360'; deepen it to 1600'; install 4-1/2" O.D. casing by circulating cement to the surface; and complete as a disposal well. Water samples from the Water Supply Well No. 1, collected during drilling in the 1240'-1360' interval, indicated a chloride content of 63,400 PPM and other mineral content which would render this water unfit for any other use.

Respectfully submitted,

Harge W Selinger

RJJ:br Attach.

cc-Mr. Malcolm Madera
P. O. Box 94
Orla, Texas 79720 w/ attach.

(Date)

#### NEW MEXICO OIL CONSERVATION COMMISSION

## APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

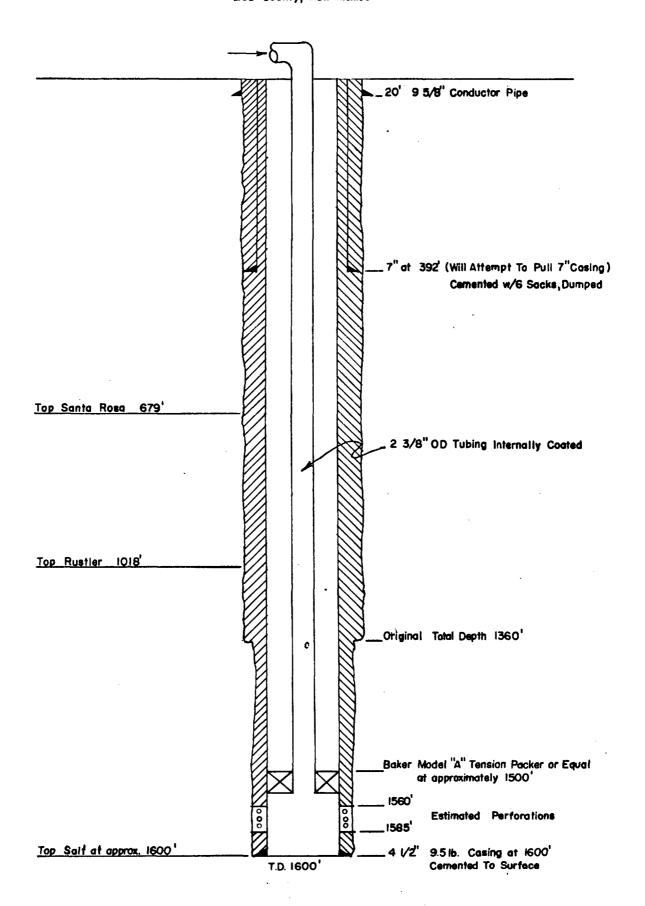
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OPERATOR OF	rt counting			ADDRESS D O	Bow 73	O, Hobbs, Ne	ata May	100 88240	
SKELLY U	IL COMPANY		WELL NO.	FIELD	BOX 73	o, nobbs, in	W MEX	COUNTY	
MEXICO FI	ED. "P"		WSW NO.	1 UND	ESIGNA	TED		LEA	
LOCATION	UNIT LETTER	F	ELL IS LOCATED	630 FEET	FROM THE.	WEST	NE AND	2330	EET FROM THE
NORTH	LINE, SECTION	21 +0	NNSHIP 26 S	RANGE 35	E	NMPM.			
			CASING	AND TUBING DA	ATA				
NAME OF	STRING	SIZE	SETTING DEPTH	SACKS CEM	ENT	TOP OF CEME	NT	TOP DETERMI	NED BY
SURFACE CASING					_	2221			
INTERMEDIATE		7"	392'	Dumped 6	Sxs.	380'			
	į								
LONG STRING							<del></del>		
		4-1/2"	1600'	600 Sxs.		Surface	T	o Circulate	е
TUBING		· · · · · · · · · · · · · · · · · · ·	Approx.	NAME, MODEL AND	DEPTH OF	TUBING PACKER			
		2-3/8"	1500'	Tension Ty	pe, Ba	ker Model "	A" or	Equal @ 150	00'
NAME OF PROPOSED	INJECTION FORMA	rion	•	TOP OF FOR	MATION		воттом	OF FORMATION	
Rustler					18'		160	10 <b>'</b>	
IS INJECTION THROU	JGH TUBING, CASIN	OR ANNULUS?	PERFORATION	· 1		INTERVAL(S) OF INJE			
Tubing		Tie manes is	Perfor			. 1560'-158			
IS THIS A NEW WEL DISPOSAL?	L DRILLED FOR						ZONE OT	L EVER BEEN PERFO HER THAN THE PROP IE? Yes	OSED INJEC-
No	FORATED INTERVAL	Well was	s originally	drilled to	r dril	ling water.		Yes	
Bottom 98	of 7" ca	sing was s	MENT USED TO SEAL lotted. Will	attempt to	recov	er 7" from l	nole,	Set 4 1/2"	from
surface	to Total De	pth, and c	irculate ceme DEPTH OF BOTTOM O OIL OR GAS ZONE IN	ent. F NEXT HIGHER		DEPTH OF TOP	OF NEXT	LOWER	
FRESH WATER ZONE	IN THIS AREA	380'	DEPTH OF BOTTOM O		ONE	OIL OR GAS ZO	NE IN THE	nes Known.	
ANTICIPATED DAILY	миним	MAXIMUM	OPEN OR CLOS	SED TYPE SYSTEM		CTION TO BE BY GRAV		APPROX. PRESSUE	RE (PS1)
INJECTION VOLUME (BBLS.)	240 BPD	Est 500	BPD Clo	sed	PRESS	Pressure		1000	
ANSWER YES OR NO ERALIZED TO SUCH STOCK, IRRIGATION	WHETHER THE FOL	LOWING WATERS AR	E MIN- WATER	R TO BE DISPOSED O	F NATURA	AL WATER IN DISPO-	ARE WAT	ER ANALYSES ATTAC	CHED?
STOCK, IRRIGATION	, OR OTHER GENERA	L USE	· .	Yes		Yes		Yes	
NAME AND ADDRESS	OF SURFACE OWNE	R (OR LESSEE, IF S	STATE OR FEDERAL LA	ND)					
Mr. Malco	olm Madera,	P.O. Box	94, Orla, Te	xas 79720					
						_			
Skelly 0:	il Company	is the ope	rator of all	the acreag	e with	in 1/2 mile	of th	ie proposed	
dispo <u>sal</u>	well.								
				· · ·			<del></del>	<del>~</del>	
					<del></del>		· · · · · · · · · · · · · · · · · · ·		
HAVE COPIES OF TH	IS APPLICATION BE	EN SURFACE OWN	IÉR	EACH OPER		IN ONE-HALF MILE	THE NEW	MEXICO STATE ENG	INEER
SENT TO EACH OF T	HE FOLLOWING!		Yes	!		Yes	!	No	
ARE THE FOLLOWING		TO PLAT OF ARE	Ă	ELECTRICA	L LOG		DIAGRAM	MATIC SKETCH OF W	VELL
,2 2,2		i	Yes	į		Yes	] !	Yes	
	// I herefow/cle	rtify that the inf	ormation above is	true and comple	te to the	best of my knowl	edge and	l belief.	
193	41/11/	-	Th. J. c. a	n	<b>M</b>				
	1 1/2-1/20		D18tr1ct	Production	manag	er '	Februs	arv 4. 1969	

NOTE: Should waivers from the State Engineer, the surface owher, and all operators within one-half mile of the proposed injection well.

not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

(Title)

SKELLY OIL COMPANY PROPOSED COMPLETION MEXICO FED "P" WSW No I 1630 FWL 8. 2330 FNL SECTION 21-T26S-R35E Lea County, New Mexico





## DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

Skelly Qil Company

WATER ANALYSIS

Date January 25, 1969

Lab no. 5256

P.O. Box 730

Lab. Location

S. no. 1

Hobbs, New Mexico 88240

Hobbs, New Mexico

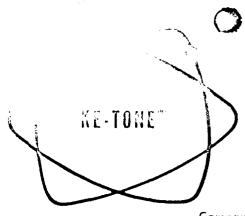
,			Pool Wil <b>d</b> cat	Formation Atoka	And the second s
_			Legal Description N.M. Federal "P" #1	BHT	Depth Aprox. 15,50
Source Well Head 1/25/69	Total So	olids	pH 7•2	Specific 1.010 @	
Constituents	mg/L	meq/L	Constituents	mg/L	meq/L
Sodium	4,940	215	Chloride	8,875	250
Calcium	1,060	53	Bicarbonate	790	15
Magnesium	108	9	Sulfate	600	12
Iron	Nil	0	Carbonate	0	0

Stiff Diagram ( meq/L )

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Na/1000			$\neg$			1		1																C1/1000
Ca/100												- market Allen					-		-aute		. المكاون	, negation to	+ gar 4	HCO3/10
Mg/100				Ì																				so <sub>4</sub> /10
Fe/10	-		-	-	_ -	-									Amaton, rith (			APRICA SPA			Unitras			co <sub>3</sub> /10

Remarks:

Analysis Based On API Recommended Procedure by C. M. Rosson



# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

601 NORTH LEECH

P. O. BOX 1499

HOBBS, NEW MEXICO 88240

Company Skelly			
Field	•		100
Lease New Mexico Fed.	P (water well	Sampling Date 1-9-68	
	(uppers Rustler	<del></del>	
Tunn of Sample At W. N'llaw	4-0-4		

#### WATER ANALYSIS

WATER ARRESTS		
IONIC FORM	me/l·	mg/l·
Calcium (Ca++)	99.80	2000
Magnesium (Mg++)	. 25.82	314
Sodium (Na+) (calculated)	1863.05	42,832
Bicarbonate (HCO, )	3.00	183
Carbonate (CO 3 -)	Not	Found
Hydroxide (OH-)	Not	Found
Sulphate (SO 4 -)	197.79	9500
Chloride (C1-)	1787.88	63,400
Hydrogen Sulfide	Not	Found
7.5 <sup>9h c</sup> 68 <sup>°F</sup>		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO <sub>3</sub> 60	125.62	6281
Carbonate Hardness as CaCO3 (temporary)	3.00	150
Non-Carbonate Hardness as CaCO3 (permanent)	122.62	6131
Alkalinity as CaCO3	3.00	150
Specific Gravity c 68° F 1,075		
•		

<sup>•</sup> mg/l = milligrams per Liter

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<sup>\*</sup> me/l = milliequivalents per Liter



# SOME TOE - CAMMO CAN

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CAT <u>4EXICO</u> <u>8AL "P"</u> <u>7</u> 01L		W MEXICO FEE	DERAL "P"	<i>4</i> 1	by the
F C C C C C C C C C C C C C C C C C C C	IELD WI	LDCAT		<del> </del>	ed -
A SERVIC	COUNTYLE	<u> </u>	STATE <sup>N</sup>	NEW MEXICO	furnished
NO NO LO	OCATION 19	80' FN & WL	S	Other Services:	ere f
COUNTY FIELD or LOCATION WELL COMPANY	ecTw	/p. <u>26-</u> S Rge	35-E	MLL, PML, CAL FDC, SNP, L-DIL.	dato
Permanent Datum: Log Measured Fror Drilling Measured	n <u>K.B., 2</u>	, Elev. 6 Ft. Above Pe	3153 erm. Datum	Elev.: K.B. 3179 D.F. 3178 G.L. 3153	reference
		·			
Date	2-18-68	4-14-68	9-15-68	12-6-68	<u></u>
·	2-18-68 ONE	4-14-68 TWO	9-15-68 THREE	12-6-68 FOUR	ehole
Run No. Depth—Driller	ONE 5336	4-14-68 TWO 13315	THREE 18621	F OUR 22926	Sorehole
Run No. Depth—Driller Depth—Logger	ONE 5336 5336	TW0 13315 13306	THREE 18621 18605	FOUR 22926 22914	d borehole
Run No. Depth—Driller Depth—Logger Btm. Log Interval	ONE 5336 5336 5327	TW0 13315 13306 13296	THREE 18621 18605 18603	FOUR 22926 22914 22912	and borehole
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval	ONE 5336 5336 5327 0	TW0 13315 13306 13296 5327	THREE 18621 18605 18603 13296	FOUR 22926 22914 22912 18603	and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller	ONE 5336 5336 5327 0 20 @ 805	TW0 13315 13306 13296 5327 13 3/8@ 5323	THREE 18621 18605 18603 13296 10 3/4@133	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860	and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger	ONE 5336 5336 5327 0 20 @ 805 805	TW0 13315 13306 13296 5327 13 3/8@ 5323 5321	THREE 18621 18605 18603 13296 10 3/4@133 13298	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590	and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size	ONE 5336 5336 5327 0 20 @ 805 805	TW0 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4	THREE 18621 18605 18603 13296 10 3/4@133 13298 9 1/2	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2	location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger	ONE 5336 5336 5327 0 20 @ 805 805	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE	THREE 18621 18605 18603 13296 10 3/4@133 13298	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT	location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole	ONE 5336 5336 5327 0 20 @ 805 805 17 1/2 BRINE	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL	THREE 18621 18605 18603 13296 10 3/4@133 13298 9 1/2 BAR	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER	location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size	ONE 5336 5336 5327 0 20 @ 805 805 17 1/2 BRINE	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34	THREE 18621 18605 18603 13296 10 3/4@133 13298 9 1/2 BAR	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28	location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole Dens. Visc.	ONE 5336 5336 5327 0 20 @ 805 805 17 1/2 BRINE 10.2 11.5 NC ml	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n	well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole Dens. Visc. pH Fluid Loss Source of Sample R <sub>m</sub> @ Meas. Temp.	ONE 5336 5336 5327 0 20 @ 805 805 17 1/2 BRINE 10.2 11.5 NC ml	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5   n CIRC.	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole Dens. Visc. pH Fluid Loss Source of Sample	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE 10.2   11.5   NC ml PIT .047@ 73 °F .042@ 74 °F	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  .62 @ 70	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n CIRC. 0 °F .29 @65 ° 0 °F .21 @65 °	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole Dens. Visc. pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmc @ Meas. Temp. Rmc @ Meas. Temp.	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE  10.2   11.5   NC ml PIT .047@ 73 °F .042@ 74 °F @ °F	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5   n CIRC. 0 °F .29 @65 ° 0 °F .21 @65 ° 0 °F .44 @65 °	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole  Dens. Visc. pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmc @ Meas. Temp. Source: Rmf Rmc	ONE 5336 5336 5336 5327 0 20 @ 805 805 17 1/2 BRINE  10.2   11.5   NC ml PIT .047@ 73 °F .042@ 74 °F @ °F	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F M M	THREE  18621  18605  18603  13296  10 3/4@ 133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70  M M M	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5   n CIRC. 0 °F .29 @65 ° 0 °F .21 @65 ° 0 °F .44 @65 ° M   M	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole  Dens. Visc. pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmc @ Meas. Temp. Rmc @ Meas. Temp. Source: Rmf Rmc Rm @ BHT	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE 10.2   11.5   NC ml PIT .047@ 73 °F .042@ 74 °F @ °F M    .035@ 105°F	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F M	THREE  18621  18605  18603  13296  10 3/4@ 133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70  M M M  .41 @ 21	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n CIRC. 0 °F .29 @65 ° 0 °F .44 @65 ° M   M 19F .07 @282°	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole  Dens. Visc. pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmc @ Meas. Temp. Rmc @ Meas. Temp. Source: Rmf Rmc Rm @ BHT Time Since Circ.	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE 10.2 11.5 NC ml PIT .047@ 73 °F .042@ 74 °F @ °F M	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F M M .04 @ 142°F 6½ HOURS	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70  M M M  .41 @ 21  7 HOURS	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n CIRC. 0 °F .29 @65 ° 0 °F .44 @65 ° M   M 19F .07 @282°	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole  Dens. Visc. pH Fluid Loss Source of Sample R <sub>m</sub> @ Meas. Temp. R <sub>mc</sub> @ Meas. Temp. R <sub>mc</sub> @ Meas. Temp. Source: R <sub>mf</sub> R <sub>mc</sub> R <sub>m</sub> @ BHT Time Since Circ. Max. Rec. Temp.	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE 10.2   11.5   NC ml PIT .047@ 73 °F .042@ 74 °F @ °F M   .035@ 105°F 3 HOURS	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F M	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70  M   M  41 @ 21  7 HOURS  215	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n CIRC. 0 °F .29 @65 ° 0 °F .21 @65 ° 0 °F .44 @65 ° M M M 19F .07 @282° 6 HOURS	The well name, location and
Run No. Depth—Driller Depth—Logger Btm. Log Interval Top Log Interval Casing—Driller Casing—Logger Bit Size Type Fluid in Hole  Dens. Visc. pH Fluid Loss Source of Sample Rm @ Meas. Temp. Rmc @ Meas. Temp. Rmc @ Meas. Temp. Source: Rmf Rmc Rm @ BHT Time Since Circ.	ONE 5336 5336 5337 0 20 @ 805 805 17 1/2 BRINE 10.2 11.5 NC ml PIT .047@ 73 °F .042@ 74 °F @ °F M	TWO 13315 13306 13296 5327 13 3/8@ 5323 5321 12 1/4 BRINE FLOSAL 9.3 34 11.0 ml PIT .06 @ 90 °F .052 @ 85 °F 1.00 @ 75 °F M	THREE  18621  18605  18603  13296  10 3/4@133  13298  9 1/2  BAR  15.7 47  10.8 7.0  PIT  1.25 @ 70  2.05 @ 70  M   M  41 @ 21  7 HOURS  215	FOUR 22926 22914 22912 18603 315 7 5/8@ 1860 18590 6 1/2 SALT WATER 7 8.4 28 0 ml 11.5 n CIRC. 0 °F .29 @65 ° 0 °F .21 @65 ° 0 °F .44 @65 ° M   M 19F .07 @282° 6 HOURS	HERE The well name, location and