OCD Artesia

Form 3160-5 (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED)
OMB No. 1004-013	7
Expires: October 31	20

5. Lease Serial No. NM 98122

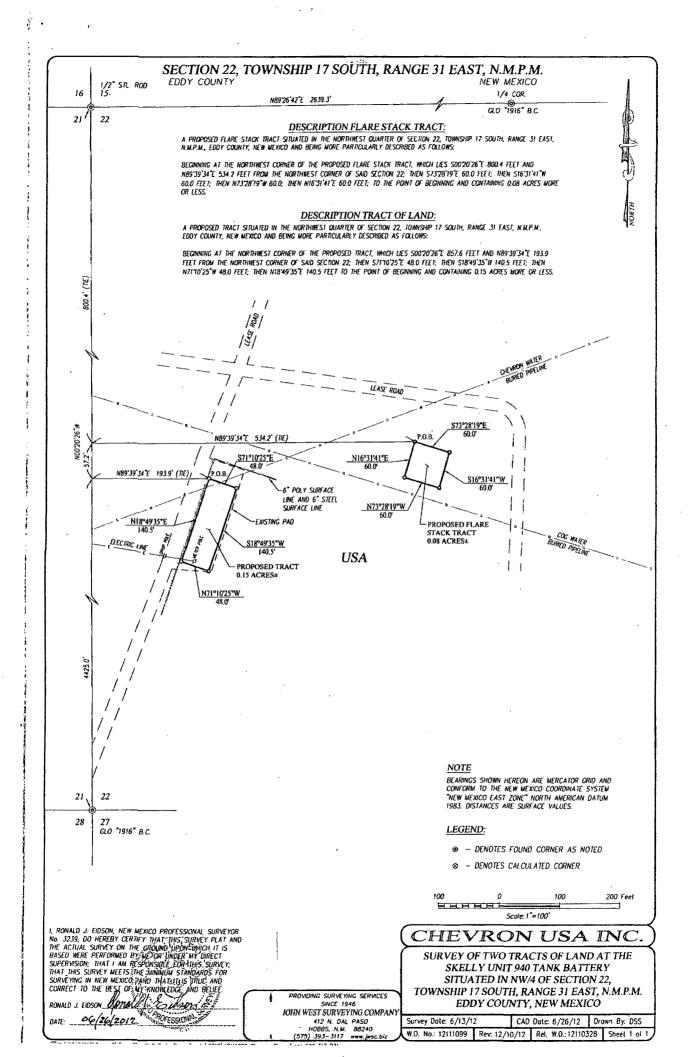
SUNDRY NOTICES AND REPORTS ON WELLS

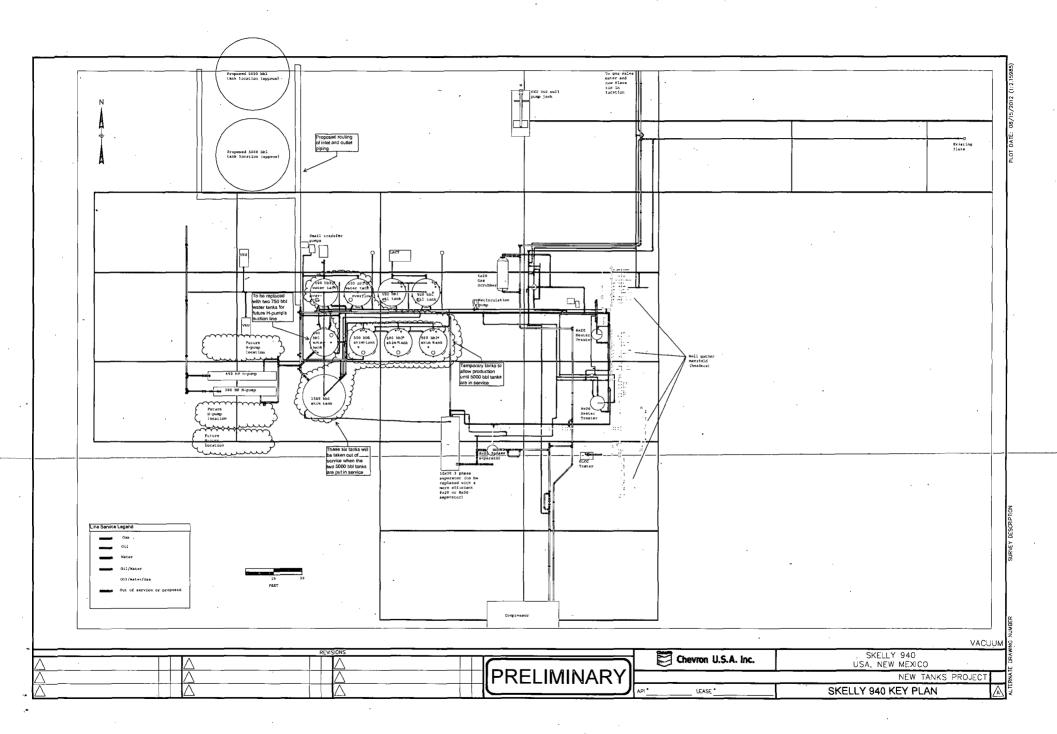
fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

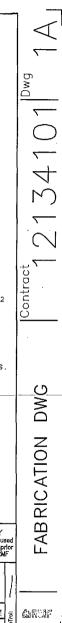
(Instructions on page 2)

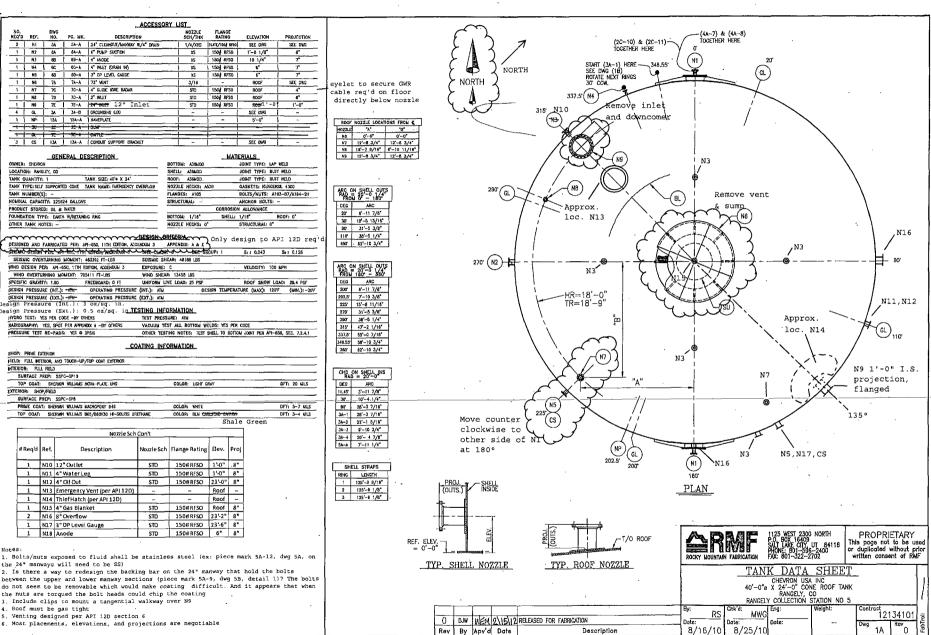
6. If Indian, Allottee or Tribe Name

		to drill or to re-enter an APD) for such proposals.		
SUBMIT	IN TRIPLICATE – Othe	r instructions on page 2.	7. If Unit of CA/Agreement, Name and/or N	10.
1. Type of Well			1.20~0	15325
Oil Well Gas W	ell 🔽 Other S	urface equipment	8. Well Name and No. N/A SKELLY UNIT 940 TANK	
2. Name of Operator Chevron			9. API Well No. N/A	
3a. Address 15 Smith Rd Midland TX 79705		3b. Phone No. (include area code) 432-681-1375	10. Field and Pool or Exploratory Area Fren Field	
4. Location of Well (Footage, Sec., T., Section 22, township 17 south, range 31 east, N	R.,M., or Survey Description M.P.M.		11. County or Parish, State Eddy County, NM	
12. CHEC	K THE APPROPRIATE B	I OX(ES) TO INDICATE NATURE OF NOT	TICE, REPORT OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF A	CTION	
✓ Notice of Intent	Acidize		oduction (Start/Resume)	
	Alter Casing Casing Repair		eclamation Well Integrity)
Subsequent Report	Change Plans		emporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back W	ater Disposal	
determined that the site is ready for Please forward this Sundry request Chevron proposes extending a portion of pad will prostorage tanks. The extension has an high with a nominal capacity of 3000 a new pad for installation of a larger designed for a relief capacity of 9 M of this notice. Attachments: 01: Survey plats 02: Plot of existing equipment 03: Preliminary 3000 bbl tank drawin 04: Flare spec sheet 05: Imagery of proposed changes 06: Detailed justification for sundry in 07: Final site plan	final inspection.) to Mr. Tanner Nygren. on of the western edge of vide space for two new part approximate foot print of barrels. The new tanks emergency flare. The new Mscfd. The existing flare	of the existing pad af the 940 battery. The produced water tanks (one skim tank, one of 0.15 acres, and is approximately 48 ft are closed top and will be integrated in aw pad is approximately 60 ft x 60 ft with pad will be reclaimed once the new flar Quishows: Royal Coepted for record NMOCD 3 13/24	e new pad will be the same elevation as the ne overflow tank) to replace the existing proby 140 ft. The new tanks are 30 ft in diameto the existing gas blanket system. Chevrola a foot print of 0.08 acres. The new flare is the is in service. Construction will commence of the existing gas blanket system. Chevrola a foot print of 0.08 acres. The new flare is the is in service. Construction will commence of the existing problem. **PRECEIMAR 13** **MAR 13** **MMOCD A**	ne existing pad. oduced water eter and 24 ft in also proposes is 85 ft high e upon approval
14. Thereby certify that the foregoing is the property of the		Title Kegy lator	y Specialist	
Signature (MMX) JNATUEDN Date 02-08-2013				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
	Peterso n	Title	MANAGER Date MAR 1 1	2013
Conditions of approval, if any, are attached that the applicant holds legal or equitable tentitle the applicant to conduct operations	itle to those rights in the subj		FIELD OFFICE	
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make i	a crime for any person knowingly and willful	ly to make to any department or agency of the Un	ited States any false,









3000 bbl Tank Additions

The 940 battery in the Skelly unit currently treats and re-injects approximately 13000 barrels of water per day. Residual oil is skimmed for sales in a 1500 barrel skim tank (which has experienced two leaks this year). Chevron facilities typically target a quality of 50 ppm oil or less in the water before disposing of the water into injection wells. Due to continued drilling of new wells the existing tankage is no longer adequate. The existing skim tank, with current flow rates, yields water with >200 ppm oil. This not only results in lost revenue but increases the frequency of costly maintenance required to keep injection wells flowing properly.

The 940 battery also does not have sufficient surge or response capacity. Currently there is only 900 barrels of overflow capacity before high level alarms trigger the well-kills and shut in production. In the event of an upset condition, at current rates, Operations has a 90 minute window to correct the situation before production gets shut in. Chevron's operating philosophy prefers a minimum of 5 hours response time to allow for travel, hazardous weather, and trouble shooting.

Chevron proposes the construction and installation of two new 3000 barrel tanks (30 ft diameter × 24 ft high) in accordance with API 12D and ASME B31.4. One to serve as a skim tank, reducing the amount of oil carried over into the injection system; and one to serve as an overflow tank. This would allow the existing 1500 barrel skim tank, the two 500 barrel overflow tanks, and the three 500 barrel temporary tanks to be demolished, reducing spill risk, and increasing reliability.

Emergency Flare

The emergency flare system at the 940 battery is part of a redundant safety system designed to protect production equipment from over pressuring in the event of upset conditions. The 940 battery currently produces 3-4 MMscfd of natural gas. With continued drilling planned through 2015 it is possible production could peak around 9 MMscfd in the next few years. The existing emergency flare is designed to handle rates up to 0.7 MMscfd.

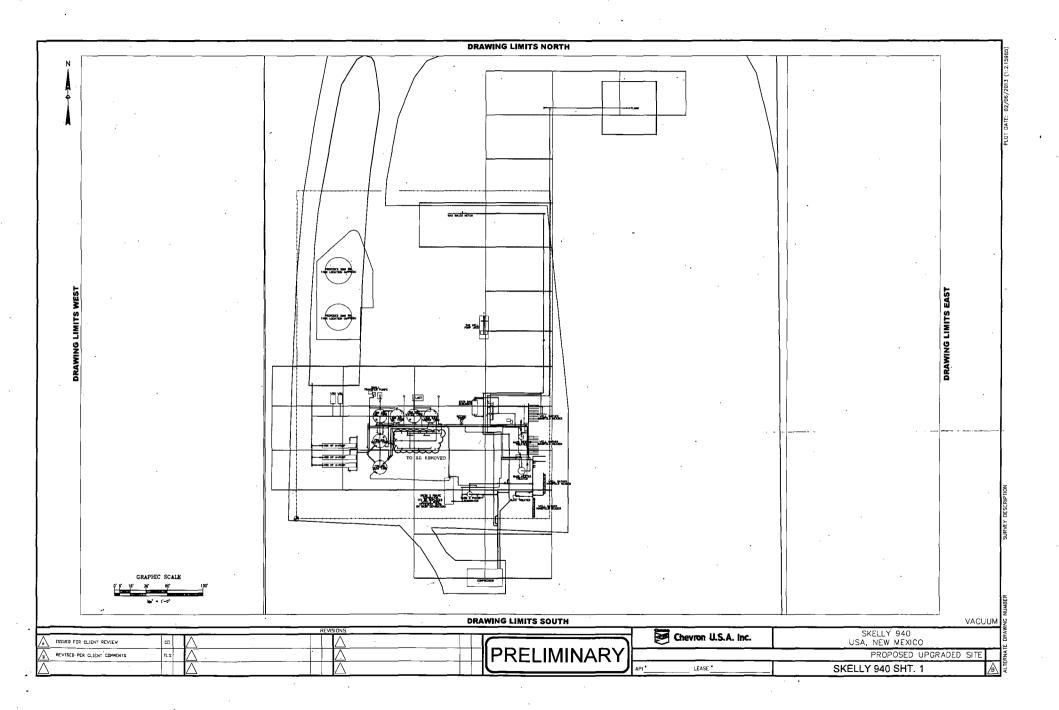
Chevron proposes installing a larger flare capable of handling current and expected future gas rates approximately 230 ft north of the existing flare. The new flare is 85' tall and is engineered to handle 9-11 MMscfd. The industry standard for Pressure-relieving and De-pressuring Systems (API STD 521) states thermal radiation of 500 BTU/ft²-hr is the:

Maximum radiant heat intensity at any location where personnel with appropriate clothing can be continuously exposed

At the expected future volumes, a taller than usual flare is required to keep thermal radiation below 500 BTU/ft²-hr at distances 100 ft and greater from the base of the flare. The proposed location was the only one identified where:

- A road crossing is not required where a liquid trap would be created
- The minimum radius for the guy-wires, due to the increased height, would not impinge upon existing right of ways.
- Thermal radiation exposure would not exceed the industry standard for continuous exposure
- Piping to the flare would not further congest the piping in the battery

The flare is being fabricated to comply with codes: API 537, ANSI B31.3, AISC-ASD, ASME VIII Div. 1, ASME IX, ASW, NEMA 4, and TNRCC.





508 West Wall, Suite 550 Midland, Texas 79701 Phone 432-262-2700 Fax 432-561-5480



PROPOSAL

TO: Chevron

Attn: Roger Spots

DATE:July18, 2012 **PROJECT:** Skelly 940 **QUOTE NO:** D-12-184

We take great pleasure in offering you our proposal in response to your change order to furnish the following:

One (1) - Model FKAVP-H85-R10S-EPTKS Flare King Air Assisted Tip on a 85' OAH Guyed Stack

This change order decreases the max flow from the flare to 9 mmscfd, limits the heat radiation loading to 400-450 BTU/ft²/hr at a distance of 100' from the flare, and guys wire radius of no longer than 50'.

The Scope of Supply Includes:

- Application/Engineering
- General Arrangement Drawing
- All Materials and Labor
- Flare King Standard Weld Inspection
- One (1) 85' Tall, Carbon Steel Flare Stack.
- One (1) 304 Stainless Steel Wind Bonnet
- One (1) 10" 304 Stainless Steel Utility Flare Tip
- One (1) 8" 150# RF Inlet Flange
- Two (2) Retractable Continuous Pilot with 'K' type Thermocouple
- Two (2) Pilot Fuel Gas Regulator, Teflon/Stainless Steel Fuel Gas Line.
- Two (2) SolarIgnition Controlswith 'K' type Thermocouple Monitor
- One (1) 1-1/2 hp, 240V/60 Hz/3-Ph NYB blower
- Two (2) Sets of 3 Guy wires, clamps, and thimbles
- One (1) Set 1/2" Sight Glass Port Connections
- One (1) 2" Drain
- Surface Cleaning
- Primer&Paint per NGSGI Specifications as Required (carbon steel only, Color: Gloss Black)
- Preparation for Shipping

PRICE ADDER to FL020612: \$19,486.00 Each, ExWorks. - Midland, TX

Estimated Weight: 1,000 Pounds

VALIDITY: 30 Days From Date of this Proposal

DELIVERY: 4 - 6 Weeks ARO

Delivery times quoted are based upon routine manufacturing and key supplier deliveries. Any "Change Orders" from clients or component delays from critical suppliers may have an impact upon final

delivery. Delivery is based on single item orders. Orders for multiple units of the same model may be spread over a longer time period.

Commissioning is available at \$95 per hour travel time, \$95 per hour while on location, \$142.50 for hours in excess of 8 hours in a single day, \$2.75 per mile portal to portal, actual cost of meals, and lodging.

TERMS: This Proposal is based upon NGSG's standard terms and conditions of sale which are attached to and made a part of this quotation. Any variance in credit terms will be specified upon acceptance of order.

CANCELLATION: 150% of documented incurred costs at time of cancellation

WARRANTY:

This Proposal is based upon NGSG's standard terms and conditions of sale which

are attached to and made a part of this quotation.

EXCLUSIONS:

- Any equipment, materials, or services not specifically stated in this proposal
- Installation or Commissioning
- Any applicable sales tax, tariffs, use tax, or duties
- Compliance to any other code than

API 537

ANSI B31.3

AISC-ASD

ASME Sect. VIII Div. 1

ASME Sect. IX

ASW

NEMA 4

TNRCC

- Any interconnecting piping or wiring
- Field touch-up of paint
- Release of proprietary working drawings
- Cost of NDT
- Cost for transportation

All calculations for this flare were based on estimated data given to NGSGI for analysis. The waste stream data is as follows:

Flow: 9,000,000standard ft³ per day (9.00mmscfd).

Gas Mix:		Skelly 940
	H2S Content:	3000 ppm.
	Methane:	70%
	Ethane:	13%
	Propane:	7%
	Butane:	2%
	Pentane+:	2%
	Inlet Pressure:	52 psi
	Gas Temperature:	116°F

Power is available Pilot Gas is available.

Calculations were made to verify the stack was capable of sustaining standard highwinds using MecaStack software Ver 5.1.3.6.

We appreciate your interest in our product and in giving us the opportunity to offer this quotation. We trust this proposal is satisfactory; however, should you require any additional information or clarification, please do not hesitate to call on us.

Sincerely,

John Geib

Customer Signature:	
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Customer:

Chevron

Job:

Skelly 940

Date: 7/11/2012 16:41

DATA ENTRY SECTION:				CALCULATED DATA:	-
Relief Fluid Data:	Mol %	Duty(mmscfd):	9.000	Relief Fluid Data:	
H ₂ S	0.3000				
N_2	3.0380	Temp. °F	116	Total Flow	9.000 mmscfd
O_2	0.0000			MW/SG:	23.19 0.800
H_2	0.0000	Inlet Pres psi	52	Density:	0.0612 lb/scf
H ₂ O	0.0000			LHV:	1168.2 btu/scf
CO_2	2.1510	Pilot	X	LHV:	19096.7 btu/lb
Methane - C ₁	70.0680			k (Cp/Cv):	1.268
Ethane - C ₂	13.1080	Sparker		Z Compressibility:	0.9937
Propane - C ₃	6.5500			Viscosity	0.010 cp
isoButane - iC ₄	0.7640	Retrackable	Х	C:H ratio:	0.278
neoButane - nC ₄	1.9310			Flow:	22913.1 lb/hr
isoPentane - iC ₅	0.5200	Guyed	X	Duty:	437.56 mmBTU/hi
neoPentane - nC ₅	0.5350	-		Flow:	122.774 acfs
Hexane - C ₆	1.0350	Free Standing		Air Req'd:	76036.8 scfm
Heptane - C ₇	0.0000			Air Req'd(ft³air / ft³gas):	12.17
Octane - C ₈	0.0000	Solar		Flare Data:	
Ethylene	0.0000	33.4.		Calc'd Emissivity:	0.231
Propylene	0.0000	Enclosed		Tip ΔP:	14.18 in H ₂ O
Benzene	0.0000	, -,		Tip Velocity:	222.9 fps
Toluene	0.0000			Sonic Velocity:	1251.6 fps
Ethylbenzene	0.000.0			Mach Number:	0.18
m-Xylene	0.0000		Fla	me Length (less assist air):	74.6 ft
Total:	100.0			Min. Flare Height:	49.6 ft @base
				H2S Flare Height:	51.0 ft
Gas Assist Target LHV	btu/scf	•		# Pilots Req'd	2 ea
Assist Air:	1,000 scfm	·		U_{wind}/U_{exit}	0.13
		•		Δx:	65.7 ft
Radiation Criteria:				Δy:	32.7 ft
Max Rad@Base:	1500 btu/hr.ft²				
Emissivity:	0.231			Vmax=	595.8 ft/s
. Atm. Temp:	116 °F			Air Assit Vmax=	128.1 ft/s
Relative Humidity:	50 %	Dist, horiz.(ft)		Radiation(btu/hr.ft²)	Rad Factor
Wind velocity:	29.3 fps	0.0		575.1	0.82
Flare Tip φ:	10 in	25.0		633.6	0.82
Flare Height(oah):	85 ft	50.0		619.1	0.82
Tip Press.	13.8 psia	100.0		437.9	0.81
Rad Factor:	,	125.0		342.4	0.81
		150.0		265.7	0.80
		175.0		207.6	0.80
Rev. A		200.0		164.4	0.79



TECHNICAL DATA

DESCRIPTION:

10" AIR ASSIST TIP WITH RETRACKTABLE PILOT ON

85' OAH GUYED STACK

CUSTOMER:

Chevron

DESIGN PARAMETERS:

FLOW RATE:

9.000 mmscfd

TEMPERATURE:

116 °F

MOLECULAR WEIGHT:

23.19 lb/lb-mol

TIP PRESSURE DROP:

0.51 psig

EXIT VELOCITY:

222.9 fps

MACH NO .:

0.18

UTILITIES:

PURGE GAS (w/seal):

N/A

PURGE GAS (w/o seal):

55.3 cfh

ASSIST GAS:

N/A

PILOT GAS:

8-12 cfh @ 10 psig

ELECTRIC:

IGNITION:

120V-1Ph-60Hz

CONTROLS:

120V-1Ph-60Hz

BLOWER:

220V-3Ph-60Hz

ENVIRONMENTAL:

RADIATION ON GRADE @DESIGN FLOW RATE, Btu/SF/Hr:

50

(@Distance from base, ft)

Wind@ 20.0 mph.

@ BASE

25

100

125 150 175

200

575.1

633.6

619.1

437.9 342.4 265.7

207.6 164.4

NOTE: Radiation does not include solar radiation (approx. 250 btu/hr).

DESTRUCTION EFFICIENCY:

98%

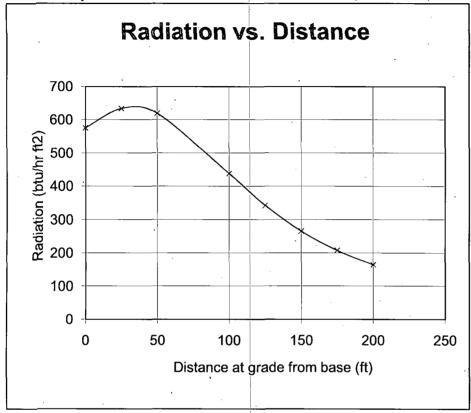
Page 1 of 2

FLARE KING, INC.

Customer: Chevron
Job: Skelly 940

Wind Velocity:

0.0 mph



NOTE: Radiation does not include solar radiation (approx. 250 btu/hr).

Recommended Design Total Radiation (from API RP-521)

Permissible De (BTU/hr ft ²⁾	sign Level (K) Conditions	
5000	Heat intensity on structures and in areas where operators are not likely to be performing duties and where shelter from radiant heat is available (for example, behind equipment)	
3000	Value of K at design flare release at any location to which people have access (for example, at grade below the flare or a service platform of a nearby tower); exposure should be limited to a few seconds, sufficient for escape only.	
2000	Heat intensity in areas where emergency actions lasting up to 1 minute may be required by personnel without shielding but with appropriate clothing.	
1500	Heat intensity in areas where emergency actions lasting several minutes may be required by personnel without shielding but with appropriate clothing.	е
500	Value of K at any location where personnel with appropriate clothing may be continuously exposed.	



EMISSION ESTIMATE

Minimum Stack *

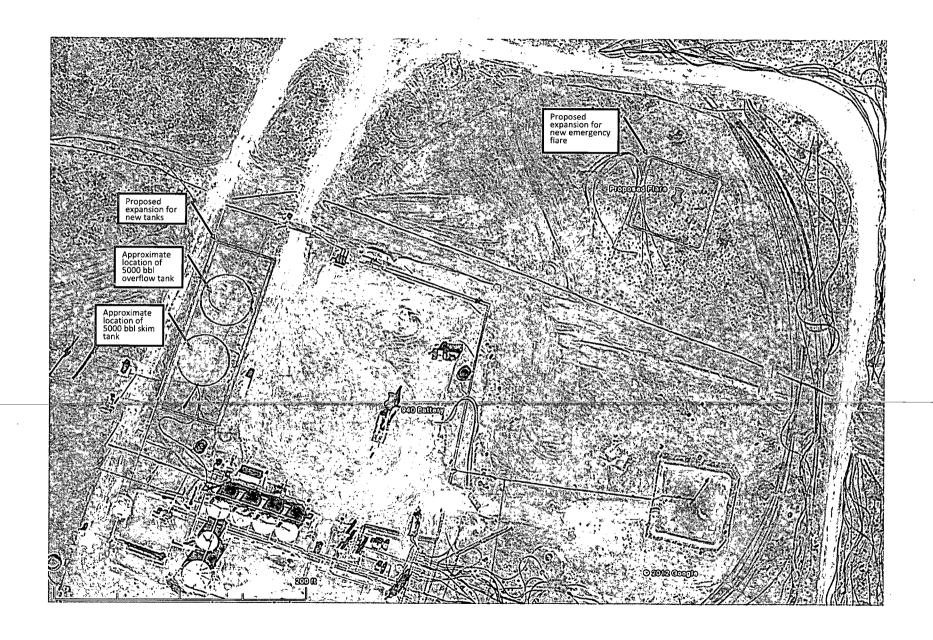
Customer:

Chevron

Height for H2S (ft) ==> 50.75

	•	Flow Rate	0.6		Emissions	Emissions	w/ Comb	.Prod.
Relief Fluid Data:	Mol %	(scfh)	(lb/hr)	Effency %	(lb/hr) (lb mol/hr) (lb mol/hr)	(mol %)
H₂S	0.300	1125.0	100.99	98.0	2.020	0.059	0.059	0.002
N_2	3.038	11392.5	840.77	0.0	840.77	30.011	30.011	0.816
O_2	0.000	0.0	0.00	100.0	0.00	0.000	0.000	0.000
H_2	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
H₂O	0.000	0.0	0.00	0.0	0.00	0.000	2262.777	61.547
CO ₂	2.151	8066.3	935.43	0.0	935.43	21.255	1364.035	37.101
C ₁	70.068	262755.0	11105.45	98.0	222.11	13.845	13.845	0.377
C ₂	13.108	49155.0	3895.01	99.0	38.95	1.295	1.295	0.035
C ₃	6.550	24562.5	2854.11	99.0	28.54	0.647	0.647	0.018
nC ₄	0.764	2865.0	438.81	98.0	8.78	0.151	0.151	0.004
iC₄	1.931	7241.3	1109.09	98.0	22.18	0.382	0.382	0.010
nC ₅	0.520	1950.0	370.72	98.0	7.41	0.103	0.103	0.003
iC ₅	0.535	2006.3	381.42	98.0	7.63	0.106	0.106	0.003
C ₆	1.035	3881.3	881.30	98.0	17.63	0.205	0.205	0.006
C ₇	0.000	. 0.0	0.00	98.0	0.00	0.000	0.000	0.000
C ₈	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
C ₂ H ₄	0.000	-	0.00	98.0	0.00	0.000	0.000	0.000
C₃H ₆	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
C ₆ H ₆	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
C ₇ H ₈	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
C ₈ H ₁₀	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
m-C ₈ H ₁₀	0.000	0.0	0.00	98.0	0.00	0.000	0.000	0.000
SO ₂	na	na	na	na	na	na		0.079
Total:	100.000	375000.0	22913.1		2131.46	68.059	3676.520	100.000
Duty(mmscfd):	9.0000							
LHV(btu/scf):	1168.2							
NO_x	0.1380	/MM Btu =	60.3839	lb/hr	264.482	ton NO _x /yr		
со	0.2755	/MM Btu =	33.8244	lb/hr	148.151	ton CO/yr		
SO ₂		•	186.0654	lb/hr	814.966	ton SO ₂ /yr		
H₂S	16.122	(ppmv)	:					
H ₂ S	41.926	(ppmv)dry			:	•		

^{*} Per TNRCC 106.352 Subchapter 'O'



BLM Lease Number: NMLC29419A Company Reference: Chevron USA Well Name & Number: Skelly Unit 940

STANDARD STIPULATIONS FOR OIL AND GAS RELATED SITES (Production Facility Pad Expansion and Flare Site)

A copy of the Sundry Notice and attachments, including stipulations and map, will be on location during construction. BLM personnel may request to view a copy of your permit during construction to ensure compliance with all stipulations.

The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.

- 1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant and for all response costs, penalties, damages, claims, and other costs arising from the provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Chap. 82, Section 6901 et. seq., from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Chap. 109, Section 9601 et. seq., and from other applicable environmental statues.
- 2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976, as amended (15 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized by this grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved Federal agency or State government.
- 3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seq.) on the right-of-way (unless the release or threatened release is wholly unrelated to the right-of-way holder's activity on the right-of-way). This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
- 4. If, during any phase of the construction, operation, maintenance, or termination of the site or related pipeline(s), any oil or other pollutant should be discharged from site facilities, the pipeline(s) or from containers or vehicles impacting Federal lands, the control and total removal, disposal, and cleanup of such oil of other pollutant, wherever found, shall be the responsibility of

the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.

- 5. Sites shall be maintained in an orderly, sanitary condition at all times. Waste materials, both liquid and solid, shall be disposed of promptly at an appropriate, authorized waste disposal facility in accordance with all applicable State and Federal laws. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, petroleum products, brines, chemicals, oil drums, ashes, and equipment.
- 6. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work will require prior approval by the Authorized Officer.
- 7. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color from BLM's "Standard Environmental Color Chart". The color selected for this project is **Shale Green**. A color chart can be picked up from the BLM Carlsbad Field Office.
- 8. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.
- 9. A sales contract for removal of mineral material (caliche, sand, gravel, fill dirt) from an authorized pit, site, or on location must be obtained from the BLM prior to commencing construction. There are several options available for purchasing mineral material: contact the BLM office (575-234-5972).
- 10. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.
- 11. Once the site is no longer in service or use, the site must undergo final abandonment. At final abandonment, the site and access roads must undergo "final" reclamation so that the character and

productivity of the land are restored. Earthwork for final reclamation must be completed within six (6) months of the abandonment of the site. All pads and facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact. After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM environmental protection specialist prior to surface abandonment operations for site specific objectives (575-234-5972).

- 12. The holder shall stockpile an adequate amount of topsoil where blading occurs. The topsoil to be stripped is approximately ___6__ inches in depth. The topsoil will be segregated from other spoil piles. The topsoil will be used for final reclamation.
- 13. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

() seed mixture 1	() seed mixture 3
(x) seed mixture 2	() seed mixture 4
() seed mixture 2/LPC	() Aplomado Falcon Mixture

- 14. **Containment Structures:** The containment structure shall be constructed to hold the capacity of the entire contents of the largest tank, plus 24 hour production, unless more stringent protective requirements are deemed necessary by the Authorized Officer.
- 15. Special Stipulations:

Lesser Prairie-Chicken

Oil and gas activities will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.